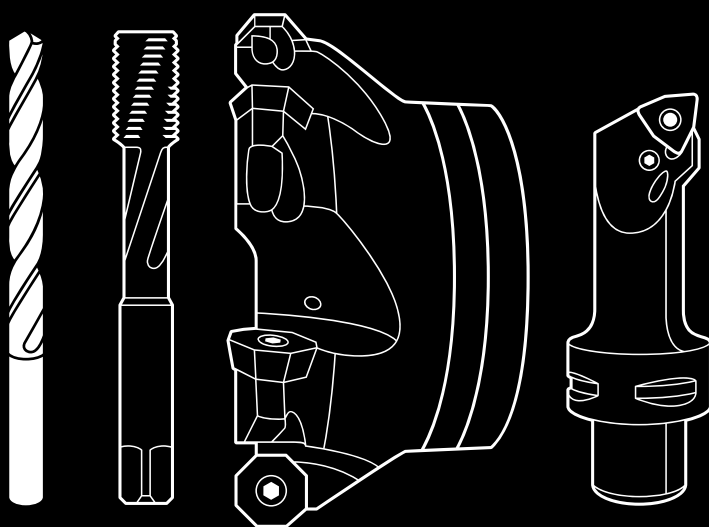


_ METAL IS OUR WORLD

Tools for Holemaking



How to find and order your tool solution:



Personal – worldwide

You can contact us by phone, fax or e-mail. The contact details for your local contact can be found on our website at: **walter-tools.com**



The Walter Hybrid catalogues and brochures

show the entire standard range under the Walter, Walter Titex, Walter Prototyp and Walter Multiply competence brands – in print or in digital format – with product range overviews, product data, cutting data recommendations and much more. Including links to our machining navigator, Walter GPS, or the Walter TOOLSHOP with the chance to order directly.

At **walter-tools.com**, you can access and order your Walter products quickly and conveniently online – via smartphone, tablet or PC.

The benefit for you: Direct access from any device, displayed in an optimised form, at any time.

Walter online catalogue



Tool-specific search

You can find products in the Walter online catalogue using the familiar structure of our product catalogue as well as filter and search functions. Other features: A shopping function and links to drawings and models.

Walter GPS



Application-based search

With Walter GPS, it takes just a few steps to find the optimum machining solution for your component, online and offline – and the solution can be transferred directly to the Walter TOOLSHOP if required.

Walter Innotime®



Component-based search

With Walter Innotime®, you can find the most cost-effective machining solution for your component, including all the tools, machining steps and machining parameters required for this. Simply by uploading your 3D model.

Digital ordering methods



TOOLSHOP



EDI B2B

Walter TOOLSHOP & EDI

The Walter TOOLSHOP offers customers opportunities to find information and place orders quickly.

EDI (electronic data interchange) also makes it possible to exchange documents (e.g. orders) – even special tools can be ordered.

B - Drilling

B1 - Drilling from solid

Solid carbide drilling and reaming tools	Program	Order pages
Solid carbide drills – with internal coolant	B 10	B 25
Solid carbide drills – without internal coolant	B 21	B 148
Drilling/chamfering tools	Program	Order pages
Drilling/chamfering tools	B 194	B 195
Indexable inserts for holemaking		Order pages
Replaceable inserts		B 198
Indexable inserts for holemaking		B 214
Indexable inserts for reaming		B 222
Boring tools with indexable inserts	Program	Order pages
Indexable insert drills	B 224	B 230
HSS drilling and reaming tools	Program	Order pages
HSS drilling and reaming tools	B 322	B 330
Solid carbide and HSS NC centre drills	Program	Order pages
Solid carbide and HSS NC centre drills	B 434	B 436
Solid carbide and HSS centre drills	Program	Order pages
Solid carbide and HSS centre drills	B 444	B 448

B2 - Boring and precision boring

Indexable inserts for boring and precision boring		Order pages
Indexable inserts for boring and precision boring		B 462
Tools for boring and precision boring	Program	Order pages
Precision boring	B 478	B 482
Boring	B 480	B 550
Cartridges	Program	Order pages
ISO cartridges	B 578	B 584
Mini cartridges	B 580	B 595
Precision boring cartridges	B 582	B 601
HSS core drills and countersinkers	Program	Order pages
HSS core drills and countersinkers	B 606	B 608

B3 - Reaming

Solid carbide and HSS reamers	Program	Order pages
Solid carbide and HSS reamers	B 614	B 617

Technologies at Walter

(((Accure-tec®

The patented Walter Accure-tec® technology ensures maximum vibration damping on boring bars for turning and adaptors for milling. Ideal for turning, milling and drilling operations involving extended tool applications.

Drion-tec®

Drion-tec® is the name for Walter's drilling and reaming tool solutions with a replaceable cutting edge – both with indexable inserts and exchangeable inserts. Drion-tec® drills are set apart by their cost-efficiency, high precision and versatility. Thanks to a wide product range, they are suitable for specialised mass production as well as for specific applications and mixed-mode manufacturing.

Groov-tec™

Groov-tec™ is the latest generation of Walter high-performance cutting tools. These are characterised by maximum stability, which enables high process parameters (feeds/speeds/depth of cut) and leads to maximum toolholder and indexable insert service life. At the same time, the systems maximise process reliability by means of controlled chip breaking.

Krato-tec®

Krato-tec® is a unique Walter coating technology for solid carbide tools. The core of this consists of an extraordinarily fracture-resistant AlTiN multi-layer coating with a textured top layer. The special layer architecture is highly wear- and adhesion-resistant, even at high cutting speeds, and ensures the tools have universal application.

Tiger-tec® Gold

Tiger-tec® Gold, the new Walter generation platform for unique indexable insert coatings, enables maximum tool life and process reliability. The new grades are based on PVD, CVD or ULP technology, depending on the application. Unique coating properties, protected by multiple patents, guarantee the best protection against tool life-limiting types of wear and ensure outstanding performance.

Tiger-tec® Silver

With Tiger-tec® Silver, Walter is offering a world first in coating technology for indexable inserts. The special aluminium oxide layer with optimised microstructure reduces wear during turning, milling and drilling operations, and increases toughness and temperature resistance for significantly higher cutting data.

Thread-tec™

Thread-tec™ refers to selected Walter threading tools with high performance and process reliability. Combining the most recent technical developments and proven properties in tool geometries and coatings, Thread-tec™ is a comprehensive product range featuring a variety of lengths and dimensions. This makes the assortment suitable for any application – whether for thread milling, forming, or tapping.

Thrill-tec™

Thrill-tec™ circular drill/thread mills combine three functions in one tool and operation: Chamfering, drilling core holes and producing threads. The tools boast a special combination of substrate, coating and geometry, resulting in long tool life. Bringing together multiple machining steps makes incredibly short machining times possible and reduces the number of tools used and machine slots required.

Walter BLAXX^X

Walter BLAXX is the benchmark for a new generation of milling cutters: The milling bodies are extremely robust thanks to their special surface treatment. The milling systems, which are mainly positioned tangentially, are equipped with Tiger-tec® indexable inserts. Tools with the "Walter BLAXX" designation combine high wear resistance with unbeatable performance data.

Walter press

Walter Xpress is the rapid ordering and delivery service offered by Walter MultiPLY for high-quality special tools. It is available for around 10,000 tool varieties, with a maximum delivery time of two to four weeks from the order date. The ordering process is clearly structured and guarantees absolute planning security. Quotations for all enquiries are calculated and provided within 24 hours.

Walter Precision XT

Precision boring tools are always used to finish an existing bore or to improve the precision of existing bores, for instance by correcting their position, narrowing the hole tolerance, or enhancing the surface quality. Precision boring is typically performed using a depth of cut < 0.5 mm (0.02 inches).

Walter Boring XT

Tools for rough boring are used to expand existing bores. Material removal is a key element of this process. The bore to be enlarged is machined in advance or created using casting or forging processes. The rough boring tools themselves can also be used for radial offsetting and multi-edge boring.

XD Technology

Walter Titex solid carbide drilling and reaming tools stand for precision, high performance and cost-efficiency when drilling in practically any material. Walter Titex XD Technology offers the greatest precision and cost-efficiency in deep-hole drilling operations up to $70 \times D_c$ without pecking.

Xill-tec®

With Xill-tec®, the solid carbide milling cutters from the MC230 Advance product range, Walter offers a uniquely wide range, with different dimensions, numbers of teeth and shank versions. This means that users are well-equipped for all conceivable milling operations and ISO materials. Universal use – with excellent quality.

Xtra-tec®

Xtra-tec® indexable insert milling cutters and drills guarantee extremely soft cutting action and optimal surface quality on almost all materials. Indexable inserts with highly positive geometries and the Tiger-tec® coating have a particularly beneficial hardness/toughness ratio. For maximum productivity and process reliability.

Xtra-tec® XT

Xtra-tec® XT is the latest generation of Walter milling tools. As the “Xtended” Xtra-tec® technology, it offers a completely new perspective on productivity and process reliability. It can cover nearly all milling operations in every common material group: More reliable, productive, cost-efficient than ever before – all while compensating for the CO₂ emissions through Walter Green.

X-treme Evo

For Walter, the X-treme Evo DC260 & DC160 Advance solid carbide drills as well as the X-treme Evo Plus DC180 Supreme and X-treme Evo 3 DC183 Supreme are the embodiment of the “next generation of drilling”, offering versatility for a wide range of materials and machine concepts – with outstanding tool life, productivity and process reliability.

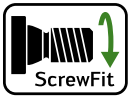
Technologies at Walter (continued)



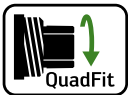
Walter Capto™ is a modular tool adaptor system. It is suitable for all turning, milling, drilling and threading processes. Its ISO-standardised polygon taper absorbs torsional moments and bending moments extremely well and ensures optimal repeat accuracy.



Walter ConeFit is an extremely flexible solid carbide milling system with a wide range of high-performance exchangeable heads and shaft variants. Its conical thread can self-centre, thereby guaranteeing maximum stability and concentricity.



Walter ScrewFit users benefit from maximum flexibility. Its modular interface is suitable for a wide variety of boring bars and adaptors and a wide range of tool diameters and lengths for milling and drilling.



The precision-ground QuadFit interface with taper and support face characterises the precision of the vibration-damped boring bars for turning and thread turning with Walter Accure-tec® technology. The exchangeable head system, which can be rotated by 180°, makes it possible to rapidly replace tools with high indexing accuracy.



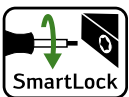
In turning and grooving operations, the Walter precision cooling system provides cooling at the centre of the chip formation. Its dual coolant jets are directed precisely onto the flank and rake faces. In drilling operations, the coolant jets exit close to the cutting edge. This system provides significantly increased tool life, improved chip breaking and chip removal, greater efficiency and higher quality.



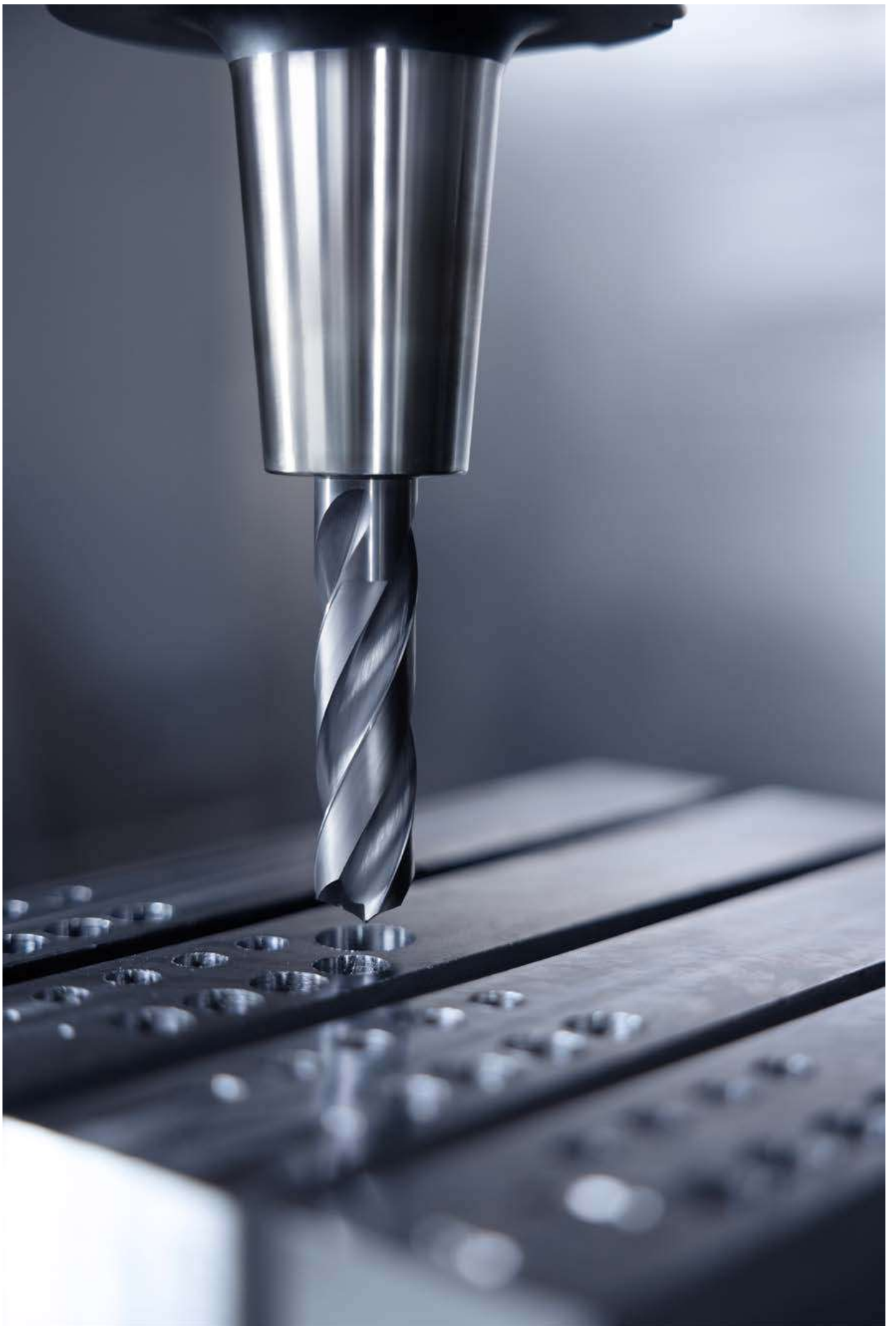
Walter DeVibe is an anti-vibration technology for thread milling cutters. At its core, it consists of a »calming chamfer« that reduces the clearance angle on the flank face. This supports the tool; vibrations are minimised. DeVibe enables higher surface qualities and cutting data, particularly for metric fine threads – regardless of clamping conditions, changing cutting data or the milling strategy.



“Flash” refers to specialised solid carbide milling cutters for high-feed milling. Their end-face geometry reduces the chip thickness “h” and therefore enables an extremely high feed per tooth. Forces that occur are diverted axially towards the centre of the tool, which helps to stabilise the machining process.



On Walter turning toolholders with “SmartLock”, the clamping screw can be operated from the side of the tool. This makes it possible to index the inserts in the machine quickly and easily. Tool change times are reduced as a result. Ideal for use on CNC lathe and multi-spindle machines.



The structure of the new Walter General Catalogue

The new Walter General Catalogue presents information about products and applications in a comprehensive and clear manner as an e-document – including direct links to the Walter online catalogue.

Drilling from solid


Solid carbide drills with internal coolant







Drilling depth

3 x D_C

5 x D_C

5 x D_C









Designation	DC150 Perform	DC150 Perform	A3289DPL Xtreme Plus	DC175 Supreme	DC170 Supreme
Additional services					
Standard	DIN 6537 K	DIN 6537 K	DIN 6537 K	Walter	DIN 6537 L
Coating / grade	WJ30RE	WJ30RE	DPL	WJ30RZ	WJ30EJ
Shank	DIN 6535 HA	DIN 6535 HE, turned 180° DIN 6535 HB	DIN 6535 HA	DIN 6535 HA	DIN 6535 HA
Diameter range [mm]	3–20	3–20	3–20	3–20	3–20
P Steel	●●	●●	●●	●●	●●
M Stainless steel	●●	●●	●●	●●	●●
K Cast iron	●●	●●	●●	●●	●●
N NF metals	●●	●●	●●	●●	●●
S Materials with difficult cutting properties	●●	●●	●●	●●	●●
H Hard materials	●●	●●	●●	●●	●●
O Other	●●	●●	●●	●●	●●
Page in catalogue	20	21	22	23	24
QR code					
www.walter-tools.com/woc/	DC150	DC150	A3289DPL	DC175	DC170

WALTER SELECT

●● Primary application
● Other application

Solid carbide drills – with internal coolant 9

Product range overviews with applications, materials and QR codes at a glance

The product range overviews include icons indicating applications, images of the products, and the range of materials for which the products can be used; if relevant, they also include shank versions, clamping systems and other important information. This means that you can immediately see which product you need – and go directly to more detailed information about it by scanning the corresponding QR code or typing the link provided into your browser.

NEW

Tools with this icon are product innovations and are displayed in this way in the product range overviews.



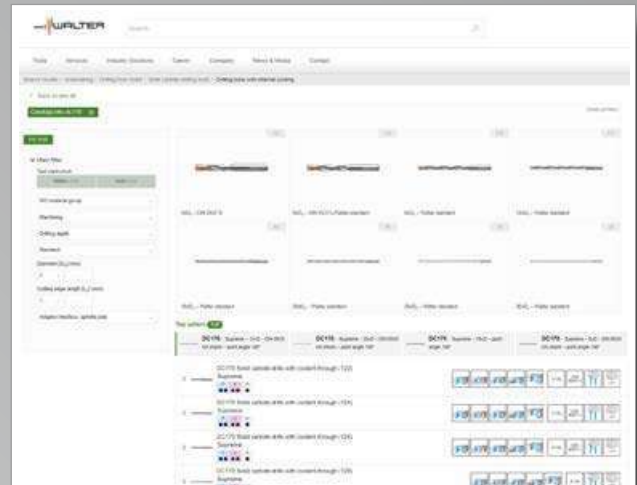
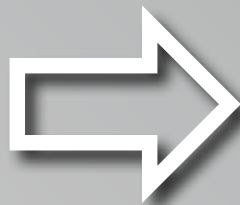
Indexable inserts and tools with these red icons are new to the range and are labelled in this way on the ordering page.

Scan the QR code

to go directly to the sub-page for the corresponding product in the Walter online catalogue. The brief overview contains an image of the tool or product, icons representing applications and other information, and the main and secondary applications in the ISO materials sector.



DC170



Direct link

As well as scanning the QR code, you can also type the link directly into your browser:

www.walter-tools.com/woc/DC170.

In the e-document, you can of course click on the link itself.



Detailed overview of product data

Depending on the product, the information available here or on the following product details page will include dimensions, corresponding indexable inserts, adaptors, and accessories, as well as direct links to additional information such as cutting data recommendations via Walter GPS or technical information like assembly instructions, limit speeds and much more.

Solid carbide drills with coolant-through
DC170

Image links:

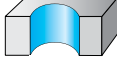
WALTER XTRAPLUS (X40%)
Key (explanation of symbols)

Switch to rich values

Column selection		D ₁ mm	L ₁ mm	L ₂ mm	L ₃ mm	L ₄ mm
DIN 9537 K	Designation	D ₁ mm	L ₁ mm	L ₂ mm	L ₃ mm	L ₄ mm
	Supreme – DIN 9537 K – 3x4x – DIN 9537 HA value – point angle 140° (122)	5 - 30	14 - 55	62 - 121	20 - 79	36 - 52
	DC170-G3-03-000A1-WJ00U Availability	3	14	62	20	36
	DC170-G3-03-100A1-WJ00U Availability	3.1	14	62	20	36
	DC170-G3-03-170A1-WJ00U Availability	3.175	14	62	20	36
	DC170-G3-03-200A1-WJ00U Availability	3.2	14	62	20	36
	DC170-G3-03-250A1-WJ00U Availability	3.2	14	62	20	36
	DC170-G3-03-400A1-WJ00U Availability	3.4	14	62	20	36
	DC170-G3-03-500A1-WJ00U Availability	3.5	14	62	20	36

Solid carbide drills with internal coolant

B1

				
				
				
				
				
Drilling depth	2 x D _C	2 x D _C	2 x D _C	3 x D _C



Designation	K5191TFT X-treme Pilot 180 C	DC118 Supreme	DB131 Supreme	A6181TFT XD Pilot	DC260 Advance X-treme Evo

Additional services



Standard	Walter	Walter	Walter	Walter	Walter
Coating / grade	TFT	WJ30ET	WJ30EL	TFT	WJ30ET
Shank	DIN 6535 HA	DIN 6535 HA	DIN 6535 HA	DIN 6535 HA	DIN 6535 HA

Diameter range [mm]

4–7

3–20

2–2,95

3–16

3,3–14

P Steel	●●	●●	●●	●●	●●
M Stainless steel	●●	●●	●●	●●	●
K Cast iron	●●	●●	●●	●●	●●
N NF metals	●●	●●	●●	●●	●●
S Materials with difficult cutting properties	●●	●●	●●	●●	●●
H Hard materials	●	●	●	●	●
O Other	●	●	●	●	●

Page in catalogue

B 147

B 145

B 142

B 143

B 25

QR code


www.walter-tools.com/woc/

K5191TFT

DC118

DB131

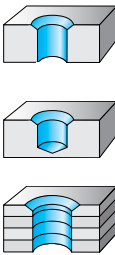
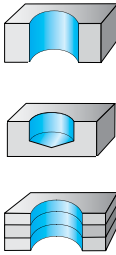
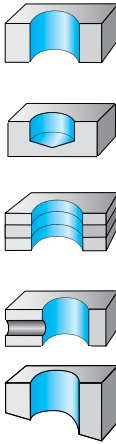
A6181TFT

DC260

WALTER SELECT

●● Primary application ● Other application

Solid carbide drills with internal coolant

			
Drilling depth	3 x D _C	3 x D _C	3 x D _C

B1



Designation	DC260 Advance X-treme Evo	DC180 Supreme X-treme Evo Plus	DC175 Supreme	DC170 Supreme	DC160 Advance X-treme Evo
Additional services					
Standard	Walter	DIN 6537 K	DIN 6537 K	DIN 6537 K	DIN 6537 K
Coating / grade	WJ30ET	WJ30EZ	WJ30RZ	WJ30EJ	WJ30ET
Shank	DIN 6535 HE	DIN 6535 HA	DIN 6535 HA	DIN 6535 HA	DIN 6535 HA
Diameter range [mm]	3,3–14	3–20	3–20	3–20	3–20
P Steel	●●	●●	●	●●	●●
M Stainless steel	●	●●	●●	●●	●
K Cast iron	●●	●●	●	●●	●●
N NF metals	●●	●●	●	●●	●●
S Materials with difficult cutting properties	●●	●●	●●	●●	●●
H Hard materials	●	●●	●	●	●
O Other	●	●	●	●	●
Page in catalogue	B 25	B 26	B 29	B 33	B 36
QR code					
	DC260	DC180	DC175	DC170	DC160

www.walter-tools.com/woc/

Solid carbide drills with internal coolant

B1

Drilling depth	3 x D _C	3 x D _C	5 x D _C	5 x D _C



Designation	DC160 Advance X-treme Evo	DC150 Perform	DC150 Perform	DC183 Supreme X-treme Evo 3	DC180 Supreme X-treme Evo Plus
Additional services					
Standard	DIN 6537 K	DIN 6537 K	DIN 6537 K	Walter	Walter
Coating / grade	WJ30ET	WJ30RE	WJ30RE	WJ30EZ	WJ30EZ
Shank	DIN 6535 HE	DIN 6535 HA	DIN 6535 HE, turned 180° DIN 6535 HB	DIN 6535 HA	DIN 6535 HA
Diameter range [mm]	3–20	3–20	3–20	3–16	3–20
P Steel	●●	●●	●●	●●	●●
M Stainless steel	●	●	●	●	●●
K Cast iron	●●	●●	●●	●●	●●
N NF metals	●●	●●	●●	●●	●●
S Materials with difficult cutting properties	●●	●●	●●	●	●●
H Hard materials	●	●	●		●●
O Other	●	●	●		●

Page in catalogue

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B 44

B 51

B 26

QR code


www.walter-tools.com/woc/

DC160

DC150

DC150

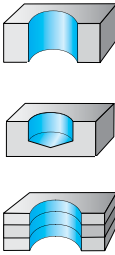
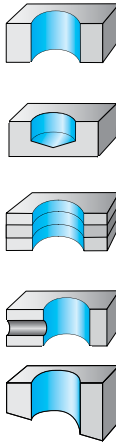
DC183

DC180

WALTER SELECT

●● Primary application ● Other application

Solid carbide drills with internal coolant

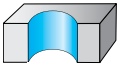
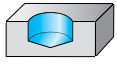
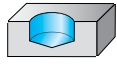
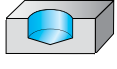
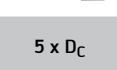
		
Drilling depth	5 x D _C	5 x D _C

					
Designation	DC175 Supreme	DC170 Supreme	DC166 Supreme	DC165 Advance	DC160 Advance X-treme Evo
Additional services					
Standard	Walter	DIN 6537 L	DIN 6537 L	Walter	DIN 6537 L
Coating / grade	WJ30RZ	WJ30EJ	WJ30UU	WJ30UU	WJ30ET
Shank	DIN 6535 HA	DIN 6535 HA	DIN 6535 HA	DIN 6535 HA	DIN 6535 HA
Diameter range [mm]	3–20	3–20	3–12	4–16	3–25
P Steel	●	●●			●●
M Stainless steel	●●				●
K Cast iron		●●		●●	●●
N NF metals	●		●●	●●	●●
S Materials with difficult cutting properties	●●				●●
H Hard materials		●			●
O Other	●				●
Page in catalogue	B 29	B 33	B 65	B 66	B 36
QR code					
	DC175	DC170	DC166	DC165	DC160

www.walter-tools.com/woc/

Solid carbide drills with internal coolant

B1

					
					
					
					
					
Drilling depth	5 x D _C		5 x D _C		8 x D _C

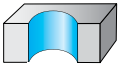
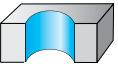
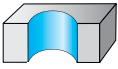
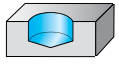
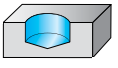
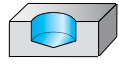
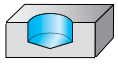
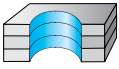
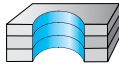
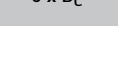
					
Designation	DC160 Advance X-treme Evo	DC150 Perform	DC150 Perform	DB133 Supreme	DC183 Supreme X-treme Evo 3
Additional services					
Standard	DIN 6537 L	DIN 6537 L	DIN 6537 L	Walter	Walter
Coating / grade	WJ30ET	WJ30RE	WJ30RE	WJ30EL	WJ30EY
Shank	DIN 6535 HE	DIN 6535 HA	DIN 6535 HE, turned 180° DIN 6535 HB	DIN 6535 HA	DIN 6535 HA
Diameter range [mm]	3–25	3–20	3–20	0,7–2,95	3–16
P Steel	●●	●●	●●	●●	●●
M Stainless steel	●	●	●	●●	●
K Cast iron	●●	●●	●●	●●	●●
N NF metals	●●	●●	●●	●●	●●
S Materials with difficult cutting properties	●●	●●	●●	●●	●
H Hard materials	●	●	●	●	
O Other	●	●	●	●	
Page in catalogue	B 40	B 44	B 47	B 49	B 52
QR code					
	DC160	DC150	DC150	DB133	DC183

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WALTER SELECT

●● Primary application ● Other application

Solid carbide drills with internal coolant

				
				
				
				
				
Drilling depth	8 x D _C	8 x D _C	8 x D _C	8 x D _C

B1



Designation	DC180 Supreme X-treme Evo Plus	DC175 Supreme	DC170 Supreme	DC160 Advance X-treme Evo	DC150 Perform
Additional services					
Standard	Walter	Walter	Walter	Walter	Walter
Coating / grade	WJ30EY	WJ30RY	WJ30EJ	WJ30ET	WJ30TA
Shank	DIN 6535 HA	DIN 6535 HA	DIN 6535 HA	DIN 6535 HA	DIN 6535 HA
Diameter range [mm]	3–20	3–16	3–20	3–20	3–20
P Steel	●●	●	●●	●●	●●
M Stainless steel	●●	●●		●	●
K Cast iron	●●		●●	●●	●●
N NF metals	●●	●		●●	●●
S Materials with difficult cutting properties	●●	●●		●●	●●
H Hard materials	●●		●	●	●
O Other	●	●		●	●
Page in catalogue	B 27	B 30	B 34	B 37	B 45
QR code					
	DC180	DC175	DC170	DC160	DC150

www.walter-tools.com/woc/

Solid carbide drills with internal coolant

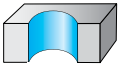
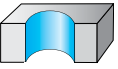
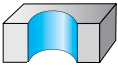
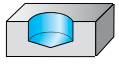
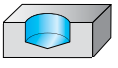
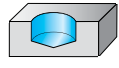
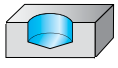
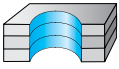
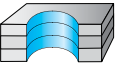
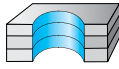
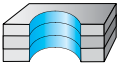
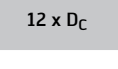
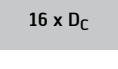
B1

Drilling depth	8 x D _C	12 x D _C



Designation	DB133 Supreme	A3486TIP Alpha® 44	DC180 Supreme X-treme Evo Plus	DC170 Supreme	DC160 Advance X-treme Evo
Additional services					
Standard	Walter	Walter	Walter	Walter	Walter
Coating / grade	WJ30ER	TIP	WJ30EY	WJ30EJ	WJ30EU
Shank	DIN 6535 HA	DIN 6535 HA	DIN 6535 HA	DIN 6535 HA	DIN 6535 HA
Diameter range [mm]	0,7–2,95	5–8	3–20	3–20	3–20
P Steel	●●	●●	●●	●●	●●
M Stainless steel	●●	●	●●	●●	●
K Cast iron	●●	●	●●	●●	●●
N NF metals	●●	●●	●●	●●	●●
S Materials with difficult cutting properties	●●	●	●●	●●	●●
H Hard materials	●	●	●●	●	●
O Other	●	●	●	●	●
Page in catalogue	B 85	B 105	B 27	B 34	B 38
QR code					
www.walter-tools.com/woc/	DB133	A3486TIP	DC180	DC170	DC160

Solid carbide drills with internal coolant

				
				
				
				
				
Drilling depth	12 x D _C	12 x D _C	16 x D _C	16 x D _C

					
Designation	DC150 Perform	DB133 Supreme	DC170 Supreme	DC160 Advance X-treme Evo	DB133 Supreme
Additional services					
Standard	Walter	Walter	Walter	Walter	Walter
Coating / grade	WJ30TA	WJ30ER	WJ30EJ	WJ30EU	WJ30ER
Shank	DIN 6535 HA	DIN 6535 HA	DIN 6535 HA	DIN 6535 HA	DIN 6535 HA
Diameter range [mm]	3–20	0,7–2,9	3–16	3–16	2–2,9
P Steel	●●	●●	●●	●●	●●
M Stainless steel	●	●●	●●	●	●●
K Cast iron	●●	●●	●●	●●	●●
N NF metals	●●	●●	●●	●●	●●
S Materials with difficult cutting properties	●●	●●	●●	●●	●
H Hard materials	●●	●	●	●	●
O Other	●	●	●	●	●
Page in catalogue	B 45	B 106	B 35	B 36	B 120
QR code					
	DC150	DB133	DC170	DC160	DB133

www.walter-tools.com/woc/

Solid carbide drills with internal coolant

B1

Drilling depth	20 x D _C	20 x D _C	20 x D _C	25 x D _C

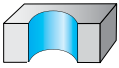
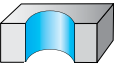
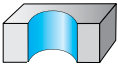
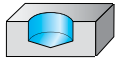
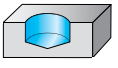
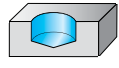
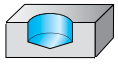
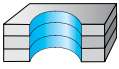
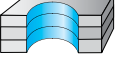
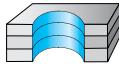
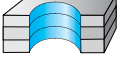
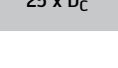
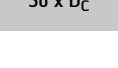


Designation	DC170 Supreme	DC160 Advance X-treme Evo	DB133 Supreme	A6794TFP X-treme DH20	DC170 Supreme
Additional services					
Standard	Walter	Walter	Walter	Walter	Walter
Coating / grade	WJ30EJ	WJ30EU	WJ30ER	TFP	WJ30EJ
Shank	DIN 6535 HA	DIN 6535 HA	DIN 6535 HA	DIN 6535 HA	DIN 6535 HA
Diameter range [mm]	3–16	3–16	2–2,9	3–10	3–12
P Steel	●●	●●	●●	●●	●●
M Stainless steel		●	●●	●	
K Cast iron	●●	●●	●●	●	●●
N NF metals		●●	●●	●	
S Materials with difficult cutting properties		●●	●	●	
H Hard materials	●	●	●	●	●
O Other		●	●		
Page in catalogue	B 33	B 36	B 49	B 130	B 34
QR code					
	DC170	DC160	DB133	A6794TFP	DC170

www.walter-tools.com/woc/
WALTER SELECT

●● Primary application ● Other application

Solid carbide drills with internal coolant

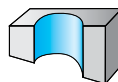
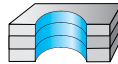
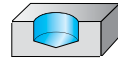
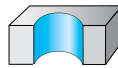
				
				
				
				
				
Drilling depth	25 x D _C	25 x D _C	30 x D _C	30 x D _C

					
Designation	DC160 Advance X-treme Evo	DB133 Supreme	DC170 Supreme	DC160 Advance X-treme Evo	DB133 Supreme
Additional services					
Standard	Walter	Walter	Walter	Walter	Walter
Coating / grade	WJ30EU	WJ30ER	WJ30EJ	WJ30EU	WJ30ER
Shank	DIN 6535 HA	DIN 6535 HA	DIN 6535 HA	DIN 6535 HA	DIN 6535 HA
Diameter range [mm]	3–12	2–2,9	3–12	3–12	2–2,9
P Steel	●●	●●	●●	●●	●●
M Stainless steel	●	●●	●●	●	●●
K Cast iron	●●	●●	●●	●●	●●
N NF metals	●●	●●	●●	●●	●●
S Materials with difficult cutting properties	●●	●	●●	●●	●
H Hard materials	●	●	●	●	●
O Other	●	●	●	●	●
Page in catalogue	B 36	B 49	B 33	B 36	B 49
QR code					
	DC160	DB133	DC170	DC160	DB133

www.walter-tools.com/woc/

Solid carbide drills with internal coolant

B1



Drilling depth

30 x D_C

40 x D_C

50 x D_C


Designation

A6994TFP
X-treme DH30

A7495TTP
X-treme D40

A7595TTP
X-treme D50

Additional services



Standard

Walter

Walter

Walter

Coating / grade

TFP

TTP

TTP

Shank

DIN 6535 HA

DIN 6535 HA

DIN 6535 HA

Diameter range [mm]

3–10

3–11

3–9

P Steel

● ●

● ●

● ●

M Stainless steel

●

●

●

K Cast iron

●

● ●

● ●

N NF metals

●

● ●

● ●

S Materials with difficult cutting properties

●

●

●

H Hard materials

●

●

●

O Other

●

●

●

Page in catalogue

B 139

B 140

B 141

QR code


www.walter-tools.com/woc/

A6994TFP

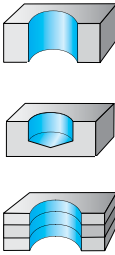
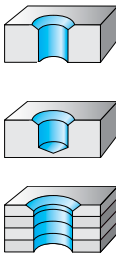
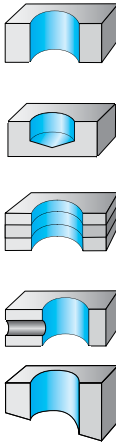
A7495TTP

A7595TTP

WALTER SELECT

● ● Primary application ● Other application

Solid carbide drills without internal coolant

			
Drilling depth	2 x D _C	3 x D _C	3 x D _C

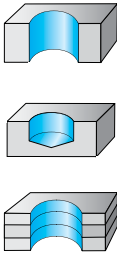
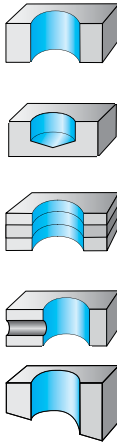


Designation	DB131 Supreme	DC260 Advance X-treme Evo	DC260 Advance X-treme Evo	DC160 Advance X-treme Evo	DC160 Advance X-treme Evo
Additional services					
Standard	Walter	Walter	Walter	DIN 6537 K	DIN 6537 K
Coating / grade	WJ30EL	WJ30ET	WJ30ET	WJ30ET	WJ30ET
Shank	DIN 6535 HA	DIN 6535 HA	DIN 6535 HE	DIN 6535 HA	DIN 6535 HE
Diameter range [mm]	0,5–1,984	3,3–14	3,3–14,5	3–20	3–20
P Steel	●●	●●	●●	●●	●●
M Stainless steel	●●				
K Cast iron	●●	●●	●●	●●	●●
N NF metals	●●	●	●	●	●
S Materials with difficult cutting properties	●	●	●	●	●
H Hard materials	●	●	●	●	●
O Other	●	●	●	●	●
Page in catalogue	B 193	B 148	B 148	B 149	B 149
QR code					
	DB131	DC260	DC260	DC160	DC160

www.walter-tools.com/woc/

Solid carbide drills without internal coolant

B1

		
Drilling depth	3 x D _C	3 x D _C



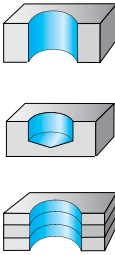
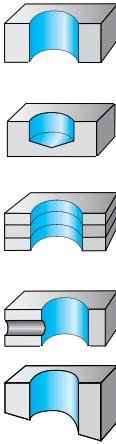
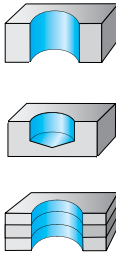
Designation	DC150 Perform	DC150 Perform	DC150 Perform	A1166TIN	A1166
Additional services					
Standard	DIN 6537 K	DIN 6537 K	DIN 6539	Walter	Walter
Coating / grade	WJ30RE	WJ30RE	WJ30RE	TIN	uncoated
Shank	DIN 6535 HA	DIN 6535 HE, turned 180° DIN 6535 HB	Cylindrical shank	Cylindrical shank	Cylindrical shank
Diameter range [mm]	3–20	3–20	1,5–2,9	3–14	3–18
P Steel	●●	●●	●●	●	●
M Stainless steel	●	●	●		
K Cast iron	●●	●●	●●		
N NF metals	●	●	●		●
S Materials with difficult cutting properties	●	●	●		●
H Hard materials	●	●	●	●	●
O Other	●	●	●		
Page in catalogue	B 158	B 158	B 157	B 166	B 166
QR code					
	DC150	DC150	DC150	A1166TIN	A1166

www.walter-tools.com/woc/

WALTER SELECT

●● Primary application ● Other application

Solid carbide drills without internal coolant

			
Drilling depth	3 x D _C	5 x D _C	5 x D _C

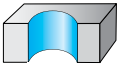
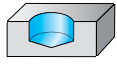
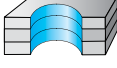


Designation	A1163	DC160 Advance X-treme Evo	DC160 Advance X-treme Evo	DC150 Perform	DB133 Supreme
Additional services					
Standard	DIN 6539	DIN 6537 L	DIN 6537 L	DIN 6537 L	Walter
Coating / grade	uncoated	WJ30ET	WJ30ET	WJ30TA	WJ30EL
Shank	Cylindrical shank	DIN 6535 HA	DIN 6535 HE	DIN 6535 HA	DIN 6535 HA
Diameter range [mm]	1–12	3–25	3–25	3–20	0,5–2,95
P Steel		●●	●●	●●	●●
M Stainless steel				●	
K Cast iron	●	●●	●●	●●	●●
N NF metals	●●	●	●	●	●●
S Materials with difficult cutting properties	●	●	●	●	●
H Hard materials		●	●	●	●
O Other	●●	●	●	●	●
Page in catalogue	B 164	B 149	B 153	B 158	B 168
QR code					
	A1163	DC160	DC160	DC150	DB133

www.walter-tools.com/woc/

Solid carbide drills without internal coolant

B1

		    	  
Drilling depth	5 x D _C	5 x D _C	8 x D _C

					
Designation	DB130 Advance	A3367 BSX	DB133 Supreme	A1276TFL Alpha® 22	A1263
Additional services					
Standard	DIN 1899	DIN 6537 L	Walter	DIN 338	DIN 338
Coating / grade	WJ30UU	uncoated	WJ30ER	TFL	uncoated
Shank	Cylindrical shank	DIN 6535 HA	DIN 6535 HA	Cylindrical shank	Cylindrical shank
Diameter range [mm]	0,1–1,45	3–16	0,5–2,95	3–10,2	0,6–12
P Steel	●●		●●	●●	
M Stainless steel	●●				
K Cast iron	●●	●●	●●	●●	●
N NF metals	●●	●●	●●	●●	●●
S Materials with difficult cutting properties	●●	●	●	●	●
H Hard materials			●		
O Other	●●	●	●		●●
Page in catalogue	B 170	B 186	B 168	B 189	B 190
QR code					
www.walter-tools.com/woc/	DB130	A3367	DB133	A1276TFL	A1263

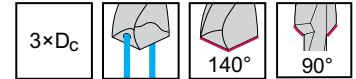
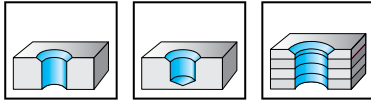
Solid carbide drills with coolant-through

DC260 Advance

X-treme Evo

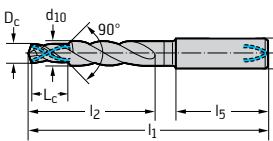
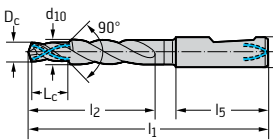


- Step length in accordance with DIN 8378
- For threaded core hole drilling



	P	M	K	N	S	H	O
WJ30ET	●●	●	●●	●●	●●	●	●

B1

Tool	Designation	For threads	D _c mm	d ₁₀ mm	L _c mm	l ₁ mm	l ₂ mm	l ₅ mm	d ₁ h6 mm	WJ30ET
 DIN 6535 HA	DC260-03-03.300A1-	M 4	3,3	5	11	66	28	36	6	☺
	DC260-03-04.200A1-	M 5	4,2	6	14	66	28	36	6	☺
	DC260-03-05.000A1-	M 6	5	8	17	79	41	36	8	☺
	DC260-03-06.800A1-	M 8	6,8	10	21	89	47	40	10	☺
	DC260-03-08.500A1-	M 10	8,5	12	26	102	55	45	12	☺
	DC260-03-10.200A1-	M 12	10,2	14	30	107	60	45	14	☺
	DC260-03-12.000A1-	M 14	12	16	35	115	65	48	16	☺
	DC260-03-14.000A1-	M 16	14	18	39	123	73	48	18	☺
 DIN 6535 HE	DC260-03-03.300F1-	M 4	3,3	5	11	66	28	36	6	☺
	DC260-03-04.200F1-	M 5	4,2	6	14	66	28	36	6	☺
	DC260-03-05.000F1-	M 6	5	8	17	79	41	36	8	☺
	DC260-03-06.800F1-	M 8	6,8	10	21	89	47	40	10	☺
	DC260-03-08.500F1-	M 10	8,5	12	26	102	55	45	12	☺
	DC260-03-10.200F1-	M 12	10,2	14	30	107	60	45	14	☺
	DC260-03-12.000F1-	M 14	12	16	35	115	65	48	16	☺
	DC260-03-14.000F1-	M 16	14	18	39	123	73	48	18	☺

Ordering example for the grade WJ30ET: DC260-03-03.300A1-WJ30ET

**WALTER
SELECT**

●● Primary application ● Other application
 Best tool for → Good = ☺ → Average = ☹ → Poor = ☹ machining conditions

Solid carbide drills with coolant-through

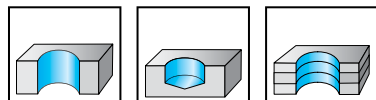
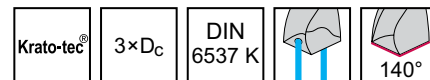
DC180 Supreme

X-treme Evo Plus

Powered by Krato-tec®



– with innovative Krato-tec® multilayer coating



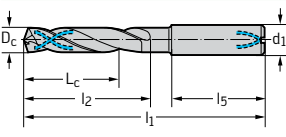
	P	M	K	N	S	H	O
WJ30EZ	●●	●●	●●	●●	●●	●●	●

Tool	Designation	D _c mm	D _c Inch/Nr	L _c mm	l ₁ mm	l ₂ mm	l ₅ mm	d ₁ h6 mm	WJ30EZ
DIN 6535 HA	DC180-03-03.000A1-	3		14	62	20	36	6	●●
	DC180-03-03.100A1-	3,1		14	62	20	36	6	●●
	DC180-03-03.175A1-	3,175	1/8"	14	62	20	36	6	●●
	DC180-03-03.200A1-	3,2		14	62	20	36	6	●●
	DC180-03-03.300A1-	3,3		14	62	20	36	6	●●
	DC180-03-03.400A1-	3,4		14	62	20	36	6	●●
	DC180-03-03.500A1-	3,5		14	62	20	36	6	●●
	DC180-03-03.572A1-	3,572	9/64"	14	62	20	36	6	●●
	DC180-03-03.600A1-	3,6		14	62	20	36	6	●●
	DC180-03-03.700A1-	3,7		14	62	20	36	6	●●
	DC180-03-03.800A1-	3,8		17	66	24	36	6	●●
	DC180-03-03.900A1-	3,9		17	66	24	36	6	●●
	DC180-03-03.969A1-	3,969	5/32"	17	66	24	36	6	●●
	DC180-03-04.000A1-	4		17	66	24	36	6	●●
	DC180-03-04.100A1-	4,1		17	66	24	36	6	●●
	DC180-03-04.200A1-	4,2		17	66	24	36	6	●●
	DC180-03-04.300A1-	4,3		17	66	24	36	6	●●
	DC180-03-04.366A1-	4,366	11/64"	17	66	24	36	6	●●
	DC180-03-04.400A1-	4,4		17	66	24	36	6	●●
	DC180-03-04.500A1-	4,5		17	66	24	36	6	●●
	DC180-03-04.600A1-	4,6		17	66	24	36	6	●●
	DC180-03-04.650A1-	4,65		17	66	24	36	6	●●
	DC180-03-04.700A1-	4,7		17	66	24	36	6	●●
	DC180-03-04.763A1-	4,763	3/16"	20	66	28	36	6	●●
	DC180-03-04.800A1-	4,8		20	66	28	36	6	●●
	DC180-03-04.900A1-	4,9		20	66	28	36	6	●●
	DC180-03-05.000A1-	5		20	66	28	36	6	●●
	DC180-03-05.100A1-	5,1		20	66	28	36	6	●●
	DC180-03-05.159A1-	5,159	13/64"	20	66	28	36	6	●●
	DC180-03-05.200A1-	5,2		20	66	28	36	6	●●
	DC180-03-05.300A1-	5,3		20	66	28	36	6	●●
	DC180-03-05.400A1-	5,4		20	66	28	36	6	●●
	DC180-03-05.500A1-	5,5		20	66	28	36	6	●●
	DC180-03-05.550A1-	5,55		20	66	28	36	6	●●
	DC180-03-05.556A1-	5,556	7/32"	20	66	28	36	6	●●
	DC180-03-05.600A1-	5,6		20	66	28	36	6	●●

Ordering example for the grade WJ30EZ: DC180-03-03.000A1-WJ30EZ

**WALTER
SELECT**

●● Primary application ● Other application
Best tool for → Good = 😊 → Average = 😐 → Poor = 😞 machining conditions

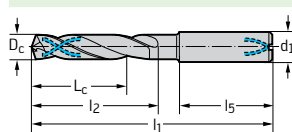
Tool		D _c m7 mm	D _c Inch/Nr	L _c mm	l ₁ mm	l ₂ mm	l ₅ mm	d ₁ h6 mm	WJ30EZ
	Designation								
DIN 6535 HA	DC180-03-05.700A1-	5,7		20	66	28	36	6	☺
	DC180-03-05.800A1-	5,8		20	66	28	36	6	☺
	DC180-03-05.900A1-	5,9		20	66	28	36	6	☺
	DC180-03-05.953A1-	5,953	15/64"	20	66	28	36	6	☺
	DC180-03-06.000A1-	6		20	66	28	36	6	☺
	DC180-03-06.100A1-	6,1		24	79	34	36	8	☺
	DC180-03-06.200A1-	6,2		24	79	34	36	8	☺
	DC180-03-06.300A1-	6,3		24	79	34	36	8	☺
	DC180-03-06.350A1-	6,350	1/4"	24	79	34	36	8	☺
	DC180-03-06.400A1-	6,4		24	79	34	36	8	☺
	DC180-03-06.500A1-	6,5		24	79	34	36	8	☺
	DC180-03-06.600A1-	6,6		24	79	34	36	8	☺
	DC180-03-06.700A1-	6,7		24	79	34	36	8	☺
	DC180-03-06.747A1-	6,747	17/64"	24	79	34	36	8	☺
	DC180-03-06.800A1-	6,8		24	79	34	36	8	☺
	DC180-03-06.900A1-	6,9		24	79	34	36	8	☺
	DC180-03-07.000A1-	7		24	79	34	36	8	☺
	DC180-03-07.100A1-	7,1		29	79	41	36	8	☺
	DC180-03-07.144A1-	7,144	9/32"	29	79	41	36	8	☺
	DC180-03-07.200A1-	7,2		29	79	41	36	8	☺
	DC180-03-07.300A1-	7,3		29	79	41	36	8	☺
	DC180-03-07.400A1-	7,4		29	79	41	36	8	☺
	DC180-03-07.500A1-	7,5		29	79	41	36	8	☺
	DC180-03-07.541A1-	7,541	19/64"	29	79	41	36	8	☺
	DC180-03-07.800A1-	7,8		29	79	41	36	8	☺
	DC180-03-07.900A1-	7,9		29	79	41	36	8	☺
	DC180-03-07.938A1-	7,938	5/16"	29	79	41	36	8	☺
	DC180-03-08.000A1-	8		29	79	41	36	8	☺
	DC180-03-08.100A1-	8,1		35	89	47	40	10	☺
	DC180-03-08.200A1-	8,2		35	89	47	40	10	☺
	DC180-03-08.300A1-	8,3		35	89	47	40	10	☺
	DC180-03-08.334A1-	8,334	21/64"	35	89	47	40	10	☺
	DC180-03-08.400A1-	8,4		35	89	47	40	10	☺
	DC180-03-08.500A1-	8,5		35	89	47	40	10	☺
	DC180-03-08.600A1-	8,6		35	89	47	40	10	☺
	DC180-03-08.700A1-	8,7		35	89	47	40	10	☺
	DC180-03-08.731A1-	8,731	11/32"	35	89	47	40	10	☺
	DC180-03-08.800A1-	8,8		35	89	47	40	10	☺
	DC180-03-09.000A1-	9		35	89	47	40	10	☺
	DC180-03-09.128A1-	9,128	23/64"	35	89	47	40	10	☺
	DC180-03-09.200A1-	9,2		35	89	47	40	10	☺
	DC180-03-09.300A1-	9,3		35	89	47	40	10	☺
	DC180-03-09.500A1-	9,5		35	89	47	40	10	☺
	DC180-03-09.525A1-	9,525	3/8"	35	89	47	40	10	☺
	DC180-03-09.600A1-	9,6		35	89	47	40	10	☺
	DC180-03-09.700A1-	9,7		35	89	47	40	10	☺

Ordering example for the grade WJ30EZ: DC180-03-03.000A1-WJ30EZ

WALTER
SELECT

● ● Primary application ● Other application
 Best tool for → Good = ☺ → Average = ☹ → Poor = ☹ machining conditions

Tool



Designation	D _c m7 mm	D _c Inch/Nr	L _c mm	l ₁ mm	l ₂ mm	l ₅ mm	d ₁ h6 mm	WJ30EZ
DC180-03-09.800A1-	9,8		35	89	47	40	10	☹
DC180-03-09.922A1-	9,922	25/64"	35	89	47	40	10	☹
DC180-03-10.000A1-	10		35	89	47	40	10	☹
DC180-03-10.100A1-	10,1		40	102	55	45	12	☹
DC180-03-10.200A1-	10,2		40	102	55	45	12	☹
DC180-03-10.300A1-	10,3		40	102	55	45	12	☹
DC180-03-10.319A1-	10,319	13/32"	40	102	55	45	12	☹
DC180-03-10.400A1-	10,4		40	102	55	45	12	☹
DC180-03-10.500A1-	10,5		40	102	55	45	12	☹
DC180-03-10.716A1-	10,716	27/64"	40	102	55	45	12	☹
DC180-03-10.800A1-	10,8		40	102	55	45	12	☹
DC180-03-11.000A1-	11		40	102	55	45	12	☹
DC180-03-11.100A1-	11,1		40	102	55	45	12	☹
DC180-03-11.113A1-	11,113	7/16"	40	102	55	45	12	☹
DC180-03-11.200A1-	11,2		40	102	55	45	12	☹
DC180-03-11.500A1-	11,5		40	102	55	45	12	☹
DC180-03-11.509A1-	11,509	29/64"	40	102	55	45	12	☹
DC180-03-11.700A1-	11,7		40	102	55	45	12	☹
DC180-03-11.800A1-	11,8		40	102	55	45	12	☹
DC180-03-11.906A1-	11,906	15/32"	40	102	55	45	12	☹
DC180-03-12.000A1-	12		40	102	55	45	12	☹
DC180-03-12.100A1-	12,1		43	107	60	45	14	☹
DC180-03-12.200A1-	12,2		43	107	60	45	14	☹
DC180-03-12.300A1-	12,3		43	107	60	45	14	☹
DC180-03-12.303A1-	12,303	31/64"	43	107	60	45	14	☹
DC180-03-12.500A1-	12,5		43	107	60	45	14	☹
DC180-03-12.600A1-	12,6		43	107	60	45	14	☹
DC180-03-12.700A1-	12,700	1/2"	43	107	60	45	14	☹
DC180-03-13.000A1-	13		43	107	60	45	14	☹
DC180-03-13.300A1-	13,3		43	107	60	45	14	☹
DC180-03-13.494A1-	13,494	17/32"	43	107	60	45	14	☹
DC180-03-13.500A1-	13,5		43	107	60	45	14	☹
DC180-03-14.000A1-	14		43	107	60	45	14	☹
DC180-03-14.288A1-	14,288	9/16"	45	115	65	48	16	☹
DC180-03-14.500A1-	14,5		45	115	65	48	16	☹
DC180-03-15.000A1-	15		45	115	65	48	16	☹
DC180-03-15.500A1-	15,5		45	115	65	48	16	☹
DC180-03-15.875A1-	15,875	5/8"	45	115	65	48	16	☹
DC180-03-16.000A1-	16		45	115	65	48	16	☹
DC180-03-16.500A1-	16,5		51	123	73	48	18	☹
DC180-03-17.000A1-	17		51	123	73	48	18	☹
DC180-03-17.500A1-	17,5		51	123	73	48	18	☹
DC180-03-18.000A1-	18		51	123	73	48	18	☹
DC180-03-19.050A1-	19,050	3/4"	55	131	79	50	20	☹
DC180-03-20.000A1-	20		55	131	79	50	20	☹

Ordering example for the grade WJ30EZ: DC180-03-03.000A1-WJ30EZ

WALTER
SELECT

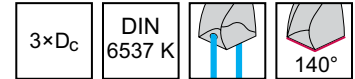
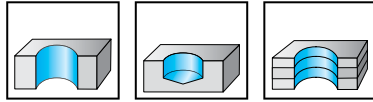
● ● Primary application ● Other application
Best tool for → Good = ☺ → Average = ☹ → Poor = ☹ machining conditions

Solid carbide twist drill

DC175 Supreme



– Walter Precision cooling



	P	M	K	N	S	H	O
WJ30RZ	●	●●	●	●	●●	●	●

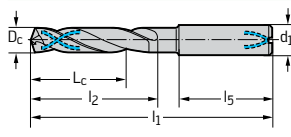
B1

Tool	Designation	D _c mm	D _c Inch/Nr	L _c mm	l ₁ mm	l ₂ mm	l ₅ mm	d ₁ h6 mm	WJ30RZ
 DIN 6535 HA	DC175-03-03.000A1-	3		14	62	20	36	6	☺
	DC175-03-03.100A1-	3,1		14	62	20	36	6	☺
	DC175-03-03.175A1-	3,175	1/8"	14	62	20	36	6	☺
	DC175-03-03.200A1-	3,2		14	62	20	36	6	☺
	DC175-03-03.250A1-	3,25		14	62	20	36	6	☺
	DC175-03-03.300A1-	3,3		14	62	20	36	6	☺
	DC175-03-03.400A1-	3,4		14	62	20	36	6	☺
	DC175-03-03.500A1-	3,5		14	62	20	36	6	☺
	DC175-03-03.572A1-	3,572	9/64"	14	62	20	36	6	☺
	DC175-03-03.600A1-	3,6		14	62	20	36	6	☺
	DC175-03-03.700A1-	3,7		14	62	20	36	6	☺
	DC175-03-03.800A1-	3,8		17	66	24	36	6	☺
	DC175-03-03.900A1-	3,9		17	66	24	36	6	☺
	DC175-03-03.969A1-	3,969	5/32"	17	66	24	36	6	☺
	DC175-03-04.000A1-	4		17	66	24	36	6	☺
	DC175-03-04.100A1-	4,1		17	66	24	36	6	☺
	DC175-03-04.200A1-	4,2		17	66	24	36	6	☺
	DC175-03-04.300A1-	4,3		17	66	24	36	6	☺
	DC175-03-04.366A1-	4,366	11/64"	17	66	24	36	6	☺
	DC175-03-04.400A1-	4,4		17	66	24	36	6	☺
	DC175-03-04.500A1-	4,5		17	66	24	36	6	☺
	DC175-03-04.600A1-	4,6		17	66	24	36	6	☺
	DC175-03-04.650A1-	4,65		17	66	24	36	6	☺
	DC175-03-04.700A1-	4,7		17	66	24	36	6	☺
	DC175-03-04.763A1-	4,763	3/16"	20	66	28	36	6	☺
	DC175-03-04.800A1-	4,8		20	66	28	36	6	☺
	DC175-03-04.900A1-	4,9		20	66	28	36	6	☺
	DC175-03-05.000A1-	5		20	66	28	36	6	☺
	DC175-03-05.100A1-	5,1		20	66	28	36	6	☺
	DC175-03-05.159A1-	5,159	13/64"	20	66	28	36	6	☺
	DC175-03-05.200A1-	5,2		20	66	28	36	6	☺
	DC175-03-05.300A1-	5,3		20	66	28	36	6	☺
	DC175-03-05.400A1-	5,4		20	66	28	36	6	☺
	DC175-03-05.500A1-	5,5		20	66	28	36	6	☺
	DC175-03-05.550A1-	5,55		20	66	28	36	6	☺
	DC175-03-05.556A1-	5,556	7/32"	20	66	28	36	6	☺

Ordering example for the grade WJ30RZ: DC175-03-03.000A1-WJ30RZ

**WALTER
SELECT**

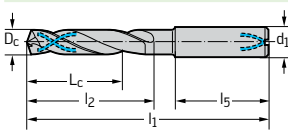
●● Primary application ● Other application
 Best tool for → Good = ☺ → Average = ☹ → Poor = ☹ machining conditions

Tool	Designation	D _c m7 mm	D _c inch/Nr	L _c mm	l ₁ mm	l ₂ mm	l ₅ mm	d ₁ h6 mm	WJ30RZ
	DC175-03-05.600A1-	5,6		20	66	28	36	6	☹
	DC175-03-05.700A1-	5,7		20	66	28	36	6	☹
	DC175-03-05.800A1-	5,8		20	66	28	36	6	☹
	DC175-03-05.900A1-	5,9		20	66	28	36	6	☹
	DC175-03-05.953A1-	5,953	15/64"	20	66	28	36	6	☹
	DC175-03-06.000A1-	6		20	66	28	36	6	☹
	DC175-03-06.100A1-	6,1		24	79	34	36	8	☹
	DC175-03-06.200A1-	6,2		24	79	34	36	8	☹
	DC175-03-06.300A1-	6,3		24	79	34	36	8	☹
	DC175-03-06.350A1-	6,350	1/4"	24	79	34	36	8	☹
	DC175-03-06.400A1-	6,4		24	79	34	36	8	☹
	DC175-03-06.500A1-	6,5		24	79	34	36	8	☹
	DC175-03-06.600A1-	6,6		24	79	34	36	8	☹
	DC175-03-06.700A1-	6,7		24	79	34	36	8	☹
	DC175-03-06.747A1-	6,747	17/64"	24	79	34	36	8	☹
	DC175-03-06.800A1-	6,8		24	79	34	36	8	☹
	DC175-03-06.900A1-	6,9		24	79	34	36	8	☹
	DC175-03-07.000A1-	7		24	79	34	36	8	☹
	DC175-03-07.100A1-	7,1		29	79	41	36	8	☹
	DC175-03-07.144A1-	7,144	9/32"	29	79	41	36	8	☹
	DC175-03-07.200A1-	7,2		29	79	41	36	8	☹
	DC175-03-07.300A1-	7,3		29	79	41	36	8	☹
	DC175-03-07.400A1-	7,4		29	79	41	36	8	☹
	DC175-03-07.500A1-	7,5		29	79	41	36	8	☹
	DC175-03-07.541A1-	7,541	19/64"	29	79	41	36	8	☹
	DC175-03-07.600A1-	7,6		29	79	41	36	8	☹
	DC175-03-07.700A1-	7,7		29	79	41	36	8	☹
	DC175-03-07.800A1-	7,8		29	79	41	36	8	☹
	DC175-03-07.900A1-	7,9		29	79	41	36	8	☹
	DC175-03-07.938A1-	7,938	5/16"	29	79	41	36	8	☹
	DC175-03-08.000A1-	8		29	79	41	36	8	☹
	DC175-03-08.100A1-	8,1		35	89	47	40	10	☹
	DC175-03-08.200A1-	8,2		35	89	47	40	10	☹
	DC175-03-08.300A1-	8,3		35	89	47	40	10	☹
	DC175-03-08.334A1-	8,334	21/64"	35	89	47	40	10	☹
	DC175-03-08.400A1-	8,4		35	89	47	40	10	☹
	DC175-03-08.500A1-	8,5		35	89	47	40	10	☹
	DC175-03-08.600A1-	8,6		35	89	47	40	10	☹
	DC175-03-08.700A1-	8,7		35	89	47	40	10	☹
	DC175-03-08.731A1-	8,731	11/32"	35	89	47	40	10	☹
	DC175-03-08.800A1-	8,8		35	89	47	40	10	☹
	DC175-03-08.900A1-	8,9		35	89	47	40	10	☹
	DC175-03-09.000A1-	9		35	89	47	40	10	☹
	DC175-03-09.100A1-	9,1		35	89	47	40	10	☹
	DC175-03-09.128A1-	9,128	23/64"	35	89	47	40	10	☹
	DC175-03-09.200A1-	9,2		35	89	47	40	10	☹

Ordering example for the grade WJ30RZ: DC175-03-03.000A1-WJ30RZ

WALTER
SELECT

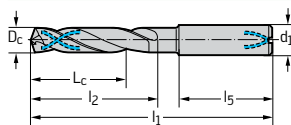
●● Primary application ● Other application
Best tool for → Good = ☺ → Average = ☹ → Poor = ☹ machining conditions

Tool	Designation	D _c m7 mm	D _c Inch/Nr	L _c mm	l ₁ mm	l ₂ mm	l ₅ mm	d ₁ h6 mm	WJ30RZ
	DC175-03-09.300A1-	9,3		35	89	47	40	10	
	DC175-03-09.400A1-	9,4		35	89	47	40	10	
	DC175-03-09.500A1-	9,5		35	89	47	40	10	
	DC175-03-09.525A1-	9,525	3/8"	35	89	47	40	10	
	DC175-03-09.600A1-	9,6		35	89	47	40	10	
	DC175-03-09.700A1-	9,7		35	89	47	40	10	
	DC175-03-09.800A1-	9,8		35	89	47	40	10	
	DC175-03-09.900A1-	9,9		35	89	47	40	10	
	DC175-03-09.922A1-	9,922	25/64"	35	89	47	40	10	
	DC175-03-10.000A1-	10		35	89	47	40	10	
	DC175-03-10.100A1-	10,1		40	102	55	45	12	
	DC175-03-10.200A1-	10,2		40	102	55	45	12	
	DC175-03-10.300A1-	10,3		40	102	55	45	12	
	DC175-03-10.319A1-	10,319	13/32"	40	102	55	45	12	
	DC175-03-10.400A1-	10,4		40	102	55	45	12	
	DC175-03-10.500A1-	10,5		40	102	55	45	12	
	DC175-03-10.600A1-	10,6		40	102	55	45	12	
	DC175-03-10.700A1-	10,7		40	102	55	45	12	
	DC175-03-10.716A1-	10,716	27/64"	40	102	55	45	12	
	DC175-03-10.800A1-	10,8		40	102	55	45	12	
	DC175-03-10.900A1-	10,9		40	102	55	45	12	
	DC175-03-11.000A1-	11		40	102	55	45	12	
	DC175-03-11.100A1-	11,1		40	102	55	45	12	
	DC175-03-11.113A1-	11,113	7/16"	40	102	55	45	12	
	DC175-03-11.200A1-	11,2		40	102	55	45	12	
	DC175-03-11.300A1-	11,3		40	102	55	45	12	
	DC175-03-11.400A1-	11,4		40	102	55	45	12	
	DC175-03-11.500A1-	11,5		40	102	55	45	12	
	DC175-03-11.509A1-	11,509	29/64"	40	102	55	45	12	
	DC175-03-11.600A1-	11,6		40	102	55	45	12	
	DC175-03-11.700A1-	11,7		40	102	55	45	12	
	DC175-03-11.800A1-	11,8		40	102	55	45	12	
	DC175-03-11.900A1-	11,9		40	102	55	45	12	
	DC175-03-12.000A1-	12		40	102	55	45	12	
	DC175-03-12.100A1-	12,1		43	107	60	45	14	
	DC175-03-12.200A1-	12,2		43	107	60	45	14	
	DC175-03-12.300A1-	12,3		43	107	60	45	14	
	DC175-03-12.303A1-	12,303	31/64"	43	107	60	45	14	
	DC175-03-12.500A1-	12,5		43	107	60	45	14	
	DC175-03-12.600A1-	12,6		43	107	60	45	14	
	DC175-03-12.700A1-	12,700	1/2"	43	107	60	45	14	
	DC175-03-12.900A1-	12,9		43	107	60	45	14	
	DC175-03-13.000A1-	13		43	107	60	45	14	
	DC175-03-13.100A1-	13,1		43	107	60	45	14	
	DC175-03-13.300A1-	13,3		43	107	60	45	14	
	DC175-03-13.494A1-	13,494	17/32"	43	107	60	45	14	

Ordering example for the grade WJ30RZ: DC175-03-03.000A1-WJ30RZ

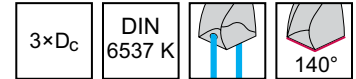
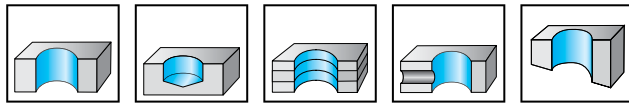
**WALTER
SELECT**

● ● Primary application ● Other application
 Best tool for → Good = ☺ → Average = ☹ → Poor = ☹ machining conditions

Tool		D _c m7 mm	D _c inch/Nr	L _c mm	l ₁ mm	l ₂ mm	l ₅ mm	d ₁ h6 mm	WJ30RZ
 DIN 6535 HA	Designation								
	DC175-03-13.500A1-	13,5		43	107	60	45	14	☺☺
	DC175-03-13.800A1-	13,8		43	107	60	45	14	☺☺
	DC175-03-14.000A1-	14		43	107	60	45	14	☺☺
	DC175-03-14.200A1-	14,2		45	115	65	48	16	☺☺
	DC175-03-14.288A1-	14,288	9/16"	45	115	65	48	16	☺☺
	DC175-03-14.500A1-	14,5		45	115	65	48	16	☺☺
	DC175-03-14.750A1-	14,75		45	115	65	48	16	☺☺
	DC175-03-15.000A1-	15		45	115	65	48	16	☺☺
	DC175-03-15.100A1-	15,1		45	115	65	48	16	☺☺
	DC175-03-15.200A1-	15,2		45	115	65	48	16	☺☺
	DC175-03-15.300A1-	15,3		45	115	65	48	16	☺☺
	DC175-03-15.500A1-	15,5		45	115	65	48	16	☺☺
	DC175-03-15.800A1-	15,8		45	115	65	48	16	☺☺
	DC175-03-16.000A1-	16		45	115	65	48	16	☺☺
	DC175-03-16.500A1-	16,5		51	123	73	48	18	☺☺
	DC175-03-17.500A1-	17,5		51	123	73	48	18	☺☺
	DC175-03-18.000A1-	18		51	123	73	48	18	☺☺
	DC175-03-18.500A1-	18,5		55	131	79	50	20	☺☺
	DC175-03-19.000A1-	19		55	131	79	50	20	☺☺
	DC175-03-19.500A1-	19,5		55	131	79	50	20	☺☺
	DC175-03-20.000A1-	20		55	131	79	50	20	☺☺

Ordering example for the grade WJ30RZ: DC175-03-03.000A1-WJ30RZ

Solid carbide drills with coolant-through DC170 Supreme



	P	M	K	N	S	H	O
WJ30EJ	●●		●●			●	

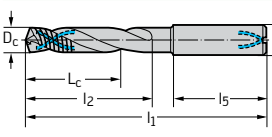
B1

Tool	Designation	D _c mm	D _c Inch/Nr	L _c mm	l ₁ mm	l ₂ mm	l ₅ mm	d ₁ h6 mm	WJ30EJ
DIN 6535 HA	DC170-03-03.000A1-	3		14	62	20	36	6	☺
	DC170-03-03.100A1-	3,1		14	62	20	36	6	☺
	DC170-03-03.175A1-	3,175	1/8"	14	62	20	36	6	☺
	DC170-03-03.200A1-	3,2		14	62	20	36	6	☺
	DC170-03-03.300A1-	3,3		14	62	20	36	6	☺
	DC170-03-03.400A1-	3,4		14	62	20	36	6	☺
	DC170-03-03.500A1-	3,5		14	62	20	36	6	☺
	DC170-03-03.572A1-	3,572	9/64"	14	62	20	36	6	☺
	DC170-03-03.600A1-	3,6		14	62	20	36	6	☺
	DC170-03-03.700A1-	3,7		14	62	20	36	6	☺
	DC170-03-03.800A1-	3,8		17	66	24	36	6	☺
	DC170-03-03.900A1-	3,9		17	66	24	36	6	☺
	DC170-03-03.969A1-	3,969	5/32"	17	66	24	36	6	☺
	DC170-03-04.000A1-	4		17	66	24	36	6	☺
	DC170-03-04.100A1-	4,1		17	66	24	36	6	☺
	DC170-03-04.200A1-	4,2		17	66	24	36	6	☺
	DC170-03-04.300A1-	4,3		17	66	24	36	6	☺
	DC170-03-04.366A1-	4,366	11/64"	17	66	24	36	6	☺
	DC170-03-04.400A1-	4,4		17	66	24	36	6	☺
	DC170-03-04.500A1-	4,5		17	66	24	36	6	☺
	DC170-03-04.600A1-	4,6		17	66	24	36	6	☺
	DC170-03-04.650A1-	4,65		17	66	24	36	6	☺
	DC170-03-04.700A1-	4,7		17	66	24	36	6	☺
	DC170-03-04.763A1-	4,763	3/16"	20	66	28	36	6	☺
	DC170-03-04.800A1-	4,8		20	66	28	36	6	☺
	DC170-03-04.900A1-	4,9		20	66	28	36	6	☺
	DC170-03-05.000A1-	5		20	66	28	36	6	☺
	DC170-03-05.100A1-	5,1		20	66	28	36	6	☺
	DC170-03-05.159A1-	5,159	13/64"	20	66	28	36	6	☺
	DC170-03-05.200A1-	5,2		20	66	28	36	6	☺
	DC170-03-05.300A1-	5,3		20	66	28	36	6	☺
	DC170-03-05.400A1-	5,4		20	66	28	36	6	☺
	DC170-03-05.500A1-	5,5		20	66	28	36	6	☺
	DC170-03-05.550A1-	5,55		20	66	28	36	6	☺
	DC170-03-05.556A1-	5,556	7/32"	20	66	28	36	6	☺
	DC170-03-05.600A1-	5,6		20	66	28	36	6	☺

Ordering example for the grade WJ30EJ: DC170-03-03.000A1-WJ30EJ

**WALTER
SELECT**

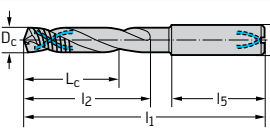
●● Primary application ● Other application
Best tool for → Good = ☺ → Average = ☹ → Poor = ☹ machining conditions

Tool	Designation	D _c m7 mm	D _c inch/Nr	L _c mm	l ₁ mm	l ₂ mm	l ₅ mm	d ₁ h6 mm	WJ30EJ
	DC170-03-05.700A1-	5,7		20	66	28	36	6	☹
	DC170-03-05.800A1-	5,8		20	66	28	36	6	☹
	DC170-03-05.900A1-	5,9		20	66	28	36	6	☹
	DC170-03-05.953A1-	5,953	15/64"	20	66	28	36	6	☹
	DC170-03-06.000A1-	6		20	66	28	36	6	☹
	DC170-03-06.100A1-	6,1		24	79	34	36	8	☹
	DC170-03-06.200A1-	6,2		24	79	34	36	8	☹
	DC170-03-06.300A1-	6,3		24	79	34	36	8	☹
	DC170-03-06.350A1-	6,350	1/4"	24	79	34	36	8	☹
	DC170-03-06.400A1-	6,4		24	79	34	36	8	☹
	DC170-03-06.500A1-	6,5		24	79	34	36	8	☹
	DC170-03-06.600A1-	6,6		24	79	34	36	8	☹
	DC170-03-06.700A1-	6,7		24	79	34	36	8	☹
	DC170-03-06.747A1-	6,747	17/64"	24	79	34	36	8	☹
	DC170-03-06.800A1-	6,8		24	79	34	36	8	☹
	DC170-03-06.900A1-	6,9		24	79	34	36	8	☹
	DC170-03-07.000A1-	7		24	79	34	36	8	☹
	DC170-03-07.100A1-	7,1		29	79	41	36	8	☹
	DC170-03-07.144A1-	7,144	9/32"	29	79	41	36	8	☹
	DC170-03-07.200A1-	7,2		29	79	41	36	8	☹
	DC170-03-07.300A1-	7,3		29	79	41	36	8	☹
	DC170-03-07.400A1-	7,4		29	79	41	36	8	☹
	DC170-03-07.500A1-	7,5		29	79	41	36	8	☹
	DC170-03-07.541A1-	7,541	19/64"	29	79	41	36	8	☹
	DC170-03-07.800A1-	7,8		29	79	41	36	8	☹
	DC170-03-07.900A1-	7,9		29	79	41	36	8	☹
	DC170-03-07.938A1-	7,938	5/16"	29	79	41	36	8	☹
	DC170-03-08.000A1-	8		29	79	41	36	8	☹
	DC170-03-08.100A1-	8,1		35	89	47	40	10	☹
	DC170-03-08.200A1-	8,2		35	89	47	40	10	☹
	DC170-03-08.300A1-	8,3		35	89	47	40	10	☹
	DC170-03-08.500A1-	8,5		35	89	47	40	10	☹
	DC170-03-08.600A1-	8,6		35	89	47	40	10	☹
	DC170-03-08.700A1-	8,7		35	89	47	40	10	☹
	DC170-03-08.731A1-	8,731	11/32"	35	89	47	40	10	☹
	DC170-03-08.800A1-	8,8		35	89	47	40	10	☹
	DC170-03-09.000A1-	9		35	89	47	40	10	☹
	DC170-03-09.128A1-	9,128	23/64"	35	89	47	40	10	☹
	DC170-03-09.200A1-	9,2		35	89	47	40	10	☹
	DC170-03-09.300A1-	9,3		35	89	47	40	10	☹
	DC170-03-09.500A1-	9,5		35	89	47	40	10	☹
	DC170-03-09.525A1-	9,525	3/8"	35	89	47	40	10	☹
	DC170-03-09.600A1-	9,6		35	89	47	40	10	☹
	DC170-03-09.700A1-	9,7		35	89	47	40	10	☹
	DC170-03-09.800A1-	9,8		35	89	47	40	10	☹
	DC170-03-09.922A1-	9,922	25/64"	35	89	47	40	10	☹

Ordering example for the grade WJ30EJ: DC170-03-03.000A1-WJ30EJ

WALTER
SELECT

●● Primary application ● Other application
Best tool for → Good = ☺ → Average = ☹ → Poor = ☹ machining conditions

Tool	Designation	D _c m7 mm	D _c Inch/Nr	L _c mm	l ₁ mm	l ₂ mm	l ₅ mm	d ₁ h6 mm	WJ30EJ
	DC170-03-10.000A1-	10		35	89	47	40	10	☹
	DC170-03-10.100A1-	10,1		40	102	55	45	12	☹
	DC170-03-10.200A1-	10,2		40	102	55	45	12	☹
	DC170-03-10.300A1-	10,3		40	102	55	45	12	☹
	DC170-03-10.319A1-	10,319	13/32"	40	102	55	45	12	☹
	DC170-03-10.400A1-	10,4		40	102	55	45	12	☹
	DC170-03-10.500A1-	10,5		40	102	55	45	12	☹
	DC170-03-10.716A1-	10,716	27/64"	40	102	55	45	12	☹
	DC170-03-10.800A1-	10,8		40	102	55	45	12	☹
	DC170-03-11.000A1-	11		40	102	55	45	12	☹
	DC170-03-11.100A1-	11,1		40	102	55	45	12	☹
	DC170-03-11.113A1-	11,113	7/16"	40	102	55	45	12	☹
	DC170-03-11.200A1-	11,2		40	102	55	45	12	☹
	DC170-03-11.500A1-	11,5		40	102	55	45	12	☹
	DC170-03-11.509A1-	11,509	29/64"	40	102	55	45	12	☹
	DC170-03-11.700A1-	11,7		40	102	55	45	12	☹
	DC170-03-11.800A1-	11,8		40	102	55	45	12	☹
	DC170-03-12.000A1-	12		40	102	55	45	12	☹
	DC170-03-12.100A1-	12,1		43	107	60	45	14	☹
	DC170-03-12.200A1-	12,2		43	107	60	45	14	☹
	DC170-03-12.300A1-	12,3		43	107	60	45	14	☹
	DC170-03-12.500A1-	12,5		43	107	60	45	14	☹
	DC170-03-12.600A1-	12,6		43	107	60	45	14	☹
	DC170-03-12.700A1-	12,700	1/2"	43	107	60	45	14	☹
	DC170-03-13.000A1-	13		43	107	60	45	14	☹
	DC170-03-13.300A1-	13,3		43	107	60	45	14	☹
	DC170-03-13.494A1-	13,494	17/32"	43	107	60	45	14	☹
	DC170-03-13.500A1-	13,5		43	107	60	45	14	☹
	DC170-03-14.000A1-	14		43	107	60	45	14	☹
	DC170-03-14.288A1-	14,288	9/16"	45	115	65	48	16	☹
	DC170-03-14.500A1-	14,5		45	115	65	48	16	☹
	DC170-03-15.000A1-	15		45	115	65	48	16	☹
	DC170-03-15.875A1-	15,875	5/8"	45	115	65	48	16	☹
	DC170-03-16.000A1-	16		45	115	65	48	16	☹
	DC170-03-16.500A1-	16,5		51	123	73	48	18	☹
	DC170-03-17.000A1-	17		51	123	73	48	18	☹
	DC170-03-17.500A1-	17,5		51	123	73	48	18	☹
	DC170-03-18.000A1-	18		51	123	73	48	18	☹
	DC170-03-19.050A1-	19,050	3/4"	55	131	79	50	20	☹
	DC170-03-20.000A1-	20		55	131	79	50	20	☹

Ordering example for the grade WJ30EJ: DC170-03-03.000A1-WJ30EJ

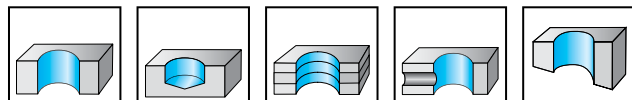
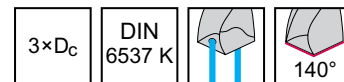
**WALTER
SELECT**

● ● Primary application ● Other application
 Best tool for → Good = ☺ → Average = ☹ → Poor = ☹ machining conditions

Solid carbide drills with coolant-through

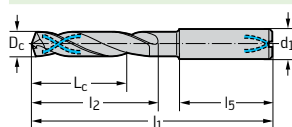
DC160 Advance

X-treme Evo



	P	M	K	N	S	H	O
WJ30ET	●●	●	●●	●●	●●	●	●

Tool



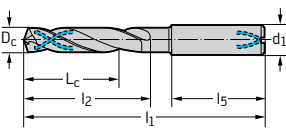
DIN 6535 HA

Designation	D _c mm	D _c Inch/Nr	L _c mm	l ₁ mm	l ₂ mm	l ₅ mm	d ₁ h6 mm	WJ30ET
DC160-03-03.000A1-	3		14	62	20	36	6	●●
DC160-03-03.100A1-	3,1		14	62	20	36	6	●●
DC160-03-03.175A1-	3,175	1/8"	14	62	20	36	6	●●
DC160-03-03.200A1-	3,2		14	62	20	36	6	●●
DC160-03-03.250A1-	3,25		14	62	20	36	6	●●
DC160-03-03.300A1-	3,3		14	62	20	36	6	●●
DC160-03-03.400A1-	3,4		14	62	20	36	6	●●
DC160-03-03.500A1-	3,5		14	62	20	36	6	●●
DC160-03-03.572A1-	3,572	9/64"	14	62	20	36	6	●●
DC160-03-03.600A1-	3,6		14	62	20	36	6	●●
DC160-03-03.650A1-	3,65		14	62	20	36	6	●●
DC160-03-03.700A1-	3,7		14	62	20	36	6	●●
DC160-03-03.800A1-	3,8		17	66	24	36	6	●●
DC160-03-03.900A1-	3,9		17	66	24	36	6	●●
DC160-03-03.969A1-	3,969	5/32"	17	66	24	36	6	●●
DC160-03-04.000A1-	4		17	66	24	36	6	●●
DC160-03-04.100A1-	4,1		17	66	24	36	6	●●
DC160-03-04.200A1-	4,2		17	66	24	36	6	●●
DC160-03-04.300A1-	4,3		17	66	24	36	6	●●
DC160-03-04.366A1-	4,366	11/64"	17	66	24	36	6	●●
DC160-03-04.400A1-	4,4		17	66	24	36	6	●●
DC160-03-04.500A1-	4,5		17	66	24	36	6	●●
DC160-03-04.600A1-	4,6		17	66	24	36	6	●●
DC160-03-04.650A1-	4,65		17	66	24	36	6	●●
DC160-03-04.700A1-	4,7		17	66	24	36	6	●●
DC160-03-04.763A1-	4,763	3/16"	20	66	28	36	6	●●
DC160-03-04.800A1-	4,8		20	66	28	36	6	●●
DC160-03-04.900A1-	4,9		20	66	28	36	6	●●
DC160-03-05.000A1-	5		20	66	28	36	6	●●
DC160-03-05.100A1-	5,1		20	66	28	36	6	●●
DC160-03-05.159A1-	5,159	13/64"	20	66	28	36	6	●●
DC160-03-05.200A1-	5,2		20	66	28	36	6	●●
DC160-03-05.300A1-	5,3		20	66	28	36	6	●●
DC160-03-05.400A1-	5,4		20	66	28	36	6	●●
DC160-03-05.500A1-	5,5		20	66	28	36	6	●●
DC160-03-05.550A1-	5,55		20	66	28	36	6	●●

Ordering example for the grade WJ30ET: DC160-03-03.000A1-WJ30ET

**WALTER
SELECT**

●● Primary application ● Other application
Best tool for → Good = 😊 → Average = 😐 → Poor = 😞 machining conditions

Tool		D _c m7 mm	D _c Inch/Nr	L _c mm	l ₁ mm	l ₂ mm	l ₅ mm	d ₁ h6 mm	WJ30ET
	Designation								
DIN 6535 HA	DC160-03-05.556A1-	5,556	7/32"	20	66	28	36	6	☺
	DC160-03-05.600A1-	5,6		20	66	28	36	6	☺
	DC160-03-05.700A1-	5,7		20	66	28	36	6	☺
	DC160-03-05.800A1-	5,8		20	66	28	36	6	☺
	DC160-03-05.900A1-	5,9		20	66	28	36	6	☺
	DC160-03-05.953A1-	5,953	15/64"	20	66	28	36	6	☺
	DC160-03-06.000A1-	6		20	66	28	36	6	☺
	DC160-03-06.100A1-	6,1		24	79	34	36	8	☺
	DC160-03-06.200A1-	6,2		24	79	34	36	8	☺
	DC160-03-06.300A1-	6,3		24	79	34	36	8	☺
	DC160-03-06.350A1-	6,350	1/4"	24	79	34	36	8	☺
	DC160-03-06.400A1-	6,4		24	79	34	36	8	☺
	DC160-03-06.500A1-	6,5		24	79	34	36	8	☺
	DC160-03-06.600A1-	6,6		24	79	34	36	8	☺
	DC160-03-06.700A1-	6,7		24	79	34	36	8	☺
	DC160-03-06.747A1-	6,747	17/64"	24	79	34	36	8	☺
	DC160-03-06.800A1-	6,8		24	79	34	36	8	☺
	DC160-03-06.900A1-	6,9		24	79	34	36	8	☺
	DC160-03-07.000A1-	7		24	79	34	36	8	☺
	DC160-03-07.100A1-	7,1		29	79	41	36	8	☺
	DC160-03-07.144A1-	7,144	9/32"	29	79	41	36	8	☺
	DC160-03-07.200A1-	7,2		29	79	41	36	8	☺
	DC160-03-07.300A1-	7,3		29	79	41	36	8	☺
	DC160-03-07.400A1-	7,4		29	79	41	36	8	☺
	DC160-03-07.500A1-	7,5		29	79	41	36	8	☺
	DC160-03-07.541A1-	7,541	19/64"	29	79	41	36	8	☺
	DC160-03-07.550A1-	7,55		29	79	41	36	8	☺
	DC160-03-07.600A1-	7,6		29	79	41	36	8	☺
	DC160-03-07.700A1-	7,7		29	79	41	36	8	☺
	DC160-03-07.800A1-	7,8		29	79	41	36	8	☺
	DC160-03-07.900A1-	7,9		29	79	41	36	8	☺
	DC160-03-07.938A1-	7,938	5/16"	29	79	41	36	8	☺
	DC160-03-08.000A1-	8		29	79	41	36	8	☺
	DC160-03-08.100A1-	8,1		35	89	47	40	10	☺
	DC160-03-08.200A1-	8,2		35	89	47	40	10	☺
	DC160-03-08.300A1-	8,3		35	89	47	40	10	☺
	DC160-03-08.334A1-	8,334	21/64"	35	89	47	40	10	☺
	DC160-03-08.400A1-	8,4		35	89	47	40	10	☺
	DC160-03-08.500A1-	8,5		35	89	47	40	10	☺
	DC160-03-08.600A1-	8,6		35	89	47	40	10	☺
	DC160-03-08.700A1-	8,7		35	89	47	40	10	☺
	DC160-03-08.731A1-	8,731	11/32"	35	89	47	40	10	☺
	DC160-03-08.800A1-	8,8		35	89	47	40	10	☺
	DC160-03-08.900A1-	8,9		35	89	47	40	10	☺
	DC160-03-09.000A1-	9		35	89	47	40	10	☺
	DC160-03-09.100A1-	9,1		35	89	47	40	10	☺

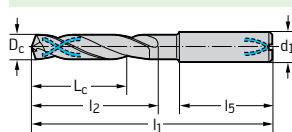
Ordering example for the grade WJ30ET: DC160-03-03.000A1-WJ30ET

WALTER
SELECT

● ● Primary application ● Other application

Best tool for → Good = ☺ → Average = ☹ → Poor = ☹ machining conditions

Tool

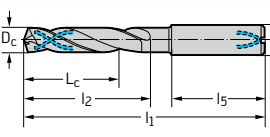


Designation	D _c mm	D _c Inch/Nr	L _c mm	l ₁ mm	l ₂ mm	l ₅ mm	d ₁ h6 mm	WJ30ET
DC160-03-09.128A1-	9,128	23/64"	35	89	47	40	10	☹
DC160-03-09.200A1-	9,2		35	89	47	40	10	☹
DC160-03-09.300A1-	9,3		35	89	47	40	10	☹
DC160-03-09.400A1-	9,4		35	89	47	40	10	☹
DC160-03-09.500A1-	9,5		35	89	47	40	10	☹
DC160-03-09.525A1-	9,525	3/8"	35	89	47	40	10	☹
DC160-03-09.550A1-	9,55		35	89	47	40	10	☹
DC160-03-09.600A1-	9,6		35	89	47	40	10	☹
DC160-03-09.700A1-	9,7		35	89	47	40	10	☹
DC160-03-09.800A1-	9,8		35	89	47	40	10	☹
DC160-03-09.900A1-	9,9		35	89	47	40	10	☹
DC160-03-09.922A1-	9,922	25/64"	35	89	47	40	10	☹
DC160-03-10.000A1-	10		35	89	47	40	10	☹
DC160-03-10.100A1-	10,1		40	102	55	45	12	☹
DC160-03-10.200A1-	10,2		40	102	55	45	12	☹
DC160-03-10.300A1-	10,3		40	102	55	45	12	☹
DC160-03-10.319A1-	10,319	13/32"	40	102	55	45	12	☹
DC160-03-10.400A1-	10,4		40	102	55	45	12	☹
DC160-03-10.500A1-	10,5		40	102	55	45	12	☹
DC160-03-10.600A1-	10,6		40	102	55	45	12	☹
DC160-03-10.700A1-	10,7		40	102	55	45	12	☹
DC160-03-10.716A1-	10,716	27/64"	40	102	55	45	12	☹
DC160-03-10.800A1-	10,8		40	102	55	45	12	☹
DC160-03-10.900A1-	10,9		40	102	55	45	12	☹
DC160-03-11.000A1-	11		40	102	55	45	12	☹
DC160-03-11.100A1-	11,1		40	102	55	45	12	☹
DC160-03-11.113A1-	11,113	7/16"	40	102	55	45	12	☹
DC160-03-11.200A1-	11,2		40	102	55	45	12	☹
DC160-03-11.300A1-	11,3		40	102	55	45	12	☹
DC160-03-11.400A1-	11,4		40	102	55	45	12	☹
DC160-03-11.500A1-	11,5		40	102	55	45	12	☹
DC160-03-11.509A1-	11,509	29/64"	40	102	55	45	12	☹
DC160-03-11.550A1-	11,55		40	102	55	45	12	☹
DC160-03-11.600A1-	11,6		40	102	55	45	12	☹
DC160-03-11.700A1-	11,7		40	102	55	45	12	☹
DC160-03-11.800A1-	11,8		40	102	55	45	12	☹
DC160-03-11.900A1-	11,9		40	102	55	45	12	☹
DC160-03-11.906A1-	11,906	15/32"	40	102	55	45	12	☹
DC160-03-12.000A1-	12		40	102	55	45	12	☹
DC160-03-12.100A1-	12,1		43	107	60	45	14	☹
DC160-03-12.200A1-	12,2		43	107	60	45	14	☹
DC160-03-12.250A1-	12,25		43	107	60	45	14	☹
DC160-03-12.300A1-	12,3		43	107	60	45	14	☹
DC160-03-12.303A1-	12,303	31/64"	43	107	60	45	14	☹
DC160-03-12.400A1-	12,4		43	107	60	45	14	☹
DC160-03-12.500A1-	12,5		43	107	60	45	14	☹

Ordering example for the grade WJ30ET: DC160-03-03.000A1-WJ30ET

WALTER
SELECT

●● Primary application ● Other application
Best tool for → Good = ☺ → Average = ☹ → Poor = ☹ machining conditions

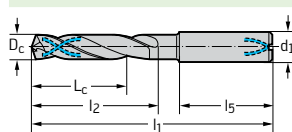
Tool		D _c m7 mm	D _c Inch/Nr	L _c mm	l ₁ mm	l ₂ mm	l ₅ mm	d ₁ h6 mm	WJ30ET
	Designation								
	DIN 6535 HA								
	DC160-03-12.600A1-	12,6		43	107	60	45	14	☺
	DC160-03-12.700A1-	12,700	1/2"	43	107	60	45	14	☺
	DC160-03-12.750A1-	12,75		43	107	60	45	14	☺
	DC160-03-12.800A1-	12,8		43	107	60	45	14	☺
	DC160-03-12.900A1-	12,9		43	107	60	45	14	☺
	DC160-03-13.000A1-	13		43	107	60	45	14	☺
	DC160-03-13.100A1-	13,1		43	107	60	45	14	☺
	DC160-03-13.200A1-	13,2		43	107	60	45	14	☺
	DC160-03-13.300A1-	13,3		43	107	60	45	14	☺
	DC160-03-13.400A1-	13,4		43	107	60	45	14	☺
	DC160-03-13.494A1-	13,494	17/32"	43	107	60	45	14	☺
	DC160-03-13.500A1-	13,5		43	107	60	45	14	☺
	DC160-03-13.600A1-	13,6		43	107	60	45	14	☺
	DC160-03-13.700A1-	13,7		43	107	60	45	14	☺
	DC160-03-13.800A1-	13,8		43	107	60	45	14	☺
	DC160-03-13.900A1-	13,9		43	107	60	45	14	☺
	DC160-03-14.000A1-	14		43	107	60	45	14	☺
	DC160-03-14.100A1-	14,1		45	115	65	48	16	☺
	DC160-03-14.200A1-	14,2		45	115	65	48	16	☺
	DC160-03-14.288A1-	14,288	9/16"	45	115	65	48	16	☺
	DC160-03-14.300A1-	14,3		45	115	65	48	16	☺
	DC160-03-14.400A1-	14,4		45	115	65	48	16	☺
	DC160-03-14.500A1-	14,5		45	115	65	48	16	☺
	DC160-03-14.600A1-	14,6		45	115	65	48	16	☺
	DC160-03-14.700A1-	14,7		45	115	65	48	16	☺
	DC160-03-14.800A1-	14,8		45	115	65	48	16	☺
	DC160-03-15.000A1-	15		45	115	65	48	16	☺
	DC160-03-15.100A1-	15,1		45	115	65	48	16	☺
	DC160-03-15.200A1-	15,2		45	115	65	48	16	☺
	DC160-03-15.300A1-	15,3		45	115	65	48	16	☺
	DC160-03-15.500A1-	15,5		45	115	65	48	16	☺
	DC160-03-15.600A1-	15,6		45	115	65	48	16	☺
	DC160-03-15.700A1-	15,7		45	115	65	48	16	☺
	DC160-03-15.800A1-	15,8		45	115	65	48	16	☺
	DC160-03-15.875A1-	15,875	5/8"	45	115	65	48	16	☺
	DC160-03-15.900A1-	15,9		45	115	65	48	16	☺
	DC160-03-16.000A1-	16		45	115	65	48	16	☺
	DC160-03-16.100A1-	16,1		51	123	73	48	18	☺
	DC160-03-16.200A1-	16,2		51	123	73	48	18	☺
	DC160-03-16.300A1-	16,3		51	123	73	48	18	☺
	DC160-03-16.400A1-	16,4		51	123	73	48	18	☺
	DC160-03-16.500A1-	16,5		51	123	73	48	18	☺
	DC160-03-16.600A1-	16,6		51	123	73	48	18	☺
	DC160-03-16.700A1-	16,7		51	123	73	48	18	☺
	DC160-03-16.750A1-	16,75		51	123	73	48	18	☺
	DC160-03-16.800A1-	16,8		51	123	73	48	18	☺

Ordering example for the grade WJ30ET: DC160-03-03.000A1-WJ30ET

WALTER
SELECT

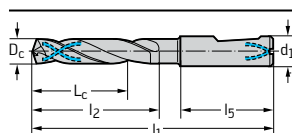
● ● Primary application ● Other application
 Best tool for → Good = ☺ → Average = ☹ → Poor = ☹ machining conditions

Tool



DIN 6535 HA

B1



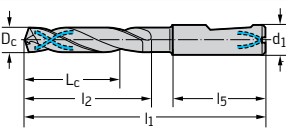
DIN 6535 HE

Designation	D _c mm	D _c inch/Nr	L _c mm	l ₁ mm	l ₂ mm	l ₅ mm	d ₁ h6 mm	WJ30ET
DC160-03-17.000A1-	17		51	123	73	48	18	☹
DC160-03-17.200A1-	17,2		51	123	73	48	18	☹
DC160-03-17.300A1-	17,3		51	123	73	48	18	☹
DC160-03-17.500A1-	17,5		51	123	73	48	18	☹
DC160-03-17.600A1-	17,6		51	123	73	48	18	☹
DC160-03-17.700A1-	17,7		51	123	73	48	18	☹
DC160-03-17.800A1-	17,8		51	123	73	48	18	☹
DC160-03-18.000A1-	18		51	123	73	48	18	☹
DC160-03-18.200A1-	18,2		55	131	79	50	20	☹
DC160-03-18.500A1-	18,5		55	131	79	50	20	☹
DC160-03-18.700A1-	18,7		55	131	79	50	20	☹
DC160-03-18.800A1-	18,8		55	131	79	50	20	☹
DC160-03-19.000A1-	19		55	131	79	50	20	☹
DC160-03-19.050A1-	19,050	3/4"	55	131	79	50	20	☹
DC160-03-19.500A1-	19,5		55	131	79	50	20	☹
DC160-03-19.700A1-	19,7		55	131	79	50	20	☹
DC160-03-19.800A1-	19,8		55	131	79	50	20	☹
DC160-03-20.000A1-	20		55	131	79	50	20	☹
DC160-03-03.000F1-	3		14	62	20	36	6	☹
DC160-03-03.100F1-	3,1		14	62	20	36	6	☹
DC160-03-03.200F1-	3,2		14	62	20	36	6	☹
DC160-03-03.250F1-	3,25		14	62	20	36	6	☹
DC160-03-03.300F1-	3,3		14	62	20	36	6	☹
DC160-03-03.400F1-	3,4		14	62	20	36	6	☹
DC160-03-03.500F1-	3,5		14	62	20	36	6	☹
DC160-03-03.600F1-	3,6		14	62	20	36	6	☹
DC160-03-03.650F1-	3,65		14	62	20	36	6	☹
DC160-03-03.700F1-	3,7		14	62	20	36	6	☹
DC160-03-03.800F1-	3,8		17	66	24	36	6	☹
DC160-03-03.900F1-	3,9		17	66	24	36	6	☹
DC160-03-04.000F1-	4		17	66	24	36	6	☹
DC160-03-04.100F1-	4,1		17	66	24	36	6	☹
DC160-03-04.200F1-	4,2		17	66	24	36	6	☹
DC160-03-04.300F1-	4,3		17	66	24	36	6	☹
DC160-03-04.400F1-	4,4		17	66	24	36	6	☹
DC160-03-04.500F1-	4,5		17	66	24	36	6	☹
DC160-03-04.600F1-	4,6		17	66	24	36	6	☹
DC160-03-04.650F1-	4,65		17	66	24	36	6	☹
DC160-03-04.700F1-	4,7		17	66	24	36	6	☹
DC160-03-04.800F1-	4,8		20	66	28	36	6	☹
DC160-03-04.900F1-	4,9		20	66	28	36	6	☹
DC160-03-05.000F1-	5		20	66	28	36	6	☹
DC160-03-05.100F1-	5,1		20	66	28	36	6	☹
DC160-03-05.200F1-	5,2		20	66	28	36	6	☹
DC160-03-05.300F1-	5,3		20	66	28	36	6	☹
DC160-03-05.400F1-	5,4		20	66	28	36	6	☹

Ordering example for the grade WJ30ET: DC160-03-03.000A1-WJ30ET

WALTER
SELECT

● ● Primary application ● Other application
Best tool for → Good = ☺ → Average = ☹ → Poor = ☹ machining conditions

Tool	Designation	D _c mm	D _c Inch/Nr	L _c mm	l ₁ mm	l ₂ mm	l ₅ mm	d ₁ h6 mm	WJ30ET
	DC160-03-05.500F1-	5,5		20	66	28	36	6	☹
	DC160-03-05.550F1-	5,55		20	66	28	36	6	☹
	DC160-03-05.600F1-	5,6		20	66	28	36	6	☹
	DC160-03-05.700F1-	5,7		20	66	28	36	6	☹
	DC160-03-05.800F1-	5,8		20	66	28	36	6	☹
	DC160-03-05.900F1-	5,9		20	66	28	36	6	☹
	DC160-03-06.000F1-	6		20	66	28	36	6	☹
	DC160-03-06.100F1-	6,1		24	79	34	36	8	☹
	DC160-03-06.200F1-	6,2		24	79	34	36	8	☹
	DC160-03-06.300F1-	6,3		24	79	34	36	8	☹
	DC160-03-06.400F1-	6,4		24	79	34	36	8	☹
	DC160-03-06.500F1-	6,5		24	79	34	36	8	☹
	DC160-03-06.600F1-	6,6		24	79	34	36	8	☹
	DC160-03-06.700F1-	6,7		24	79	34	36	8	☹
	DC160-03-06.800F1-	6,8		24	79	34	36	8	☹
	DC160-03-06.900F1-	6,9		24	79	34	36	8	☹
	DC160-03-07.000F1-	7		24	79	34	36	8	☹
	DC160-03-07.100F1-	7,1		29	79	41	36	8	☹
	DC160-03-07.200F1-	7,2		29	79	41	36	8	☹
	DC160-03-07.300F1-	7,3		29	79	41	36	8	☹
	DC160-03-07.400F1-	7,4		29	79	41	36	8	☹
	DC160-03-07.500F1-	7,5		29	79	41	36	8	☹
	DC160-03-07.550F1-	7,55		29	79	41	36	8	☹
	DC160-03-07.600F1-	7,6		29	79	41	36	8	☹
	DC160-03-07.700F1-	7,7		29	79	41	36	8	☹
	DC160-03-07.800F1-	7,8		29	79	41	36	8	☹
	DC160-03-07.900F1-	7,9		29	79	41	36	8	☹
	DC160-03-08.000F1-	8		29	79	41	36	8	☹
	DC160-03-08.100F1-	8,1		35	89	47	40	10	☹
	DC160-03-08.200F1-	8,2		35	89	47	40	10	☹
	DC160-03-08.300F1-	8,3		35	89	47	40	10	☹
	DC160-03-08.400F1-	8,4		35	89	47	40	10	☹
	DC160-03-08.500F1-	8,5		35	89	47	40	10	☹
	DC160-03-08.600F1-	8,6		35	89	47	40	10	☹
	DC160-03-08.700F1-	8,7		35	89	47	40	10	☹
	DC160-03-08.800F1-	8,8		35	89	47	40	10	☹
	DC160-03-08.900F1-	8,9		35	89	47	40	10	☹
	DC160-03-09.000F1-	9		35	89	47	40	10	☹
	DC160-03-09.100F1-	9,1		35	89	47	40	10	☹
	DC160-03-09.200F1-	9,2		35	89	47	40	10	☹
	DC160-03-09.300F1-	9,3		35	89	47	40	10	☹
	DC160-03-09.400F1-	9,4		35	89	47	40	10	☹
	DC160-03-09.500F1-	9,5		35	89	47	40	10	☹
	DC160-03-09.600F1-	9,6		35	89	47	40	10	☹
	DC160-03-09.700F1-	9,7		35	89	47	40	10	☹
	DC160-03-09.800F1-	9,8		35	89	47	40	10	☹

Ordering example for the grade WJ30ET: DC160-03-03.000A1-WJ30ET

**WALTER
SELECT**

● ● Primary application ● Other application
 Best tool for → Good = ☺ → Average = ☹ → Poor = ☹ machining conditions

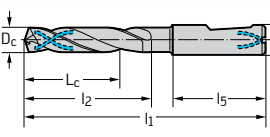
Tool	Designation	D _c m7 mm	D _c Inch/Nr	L _c mm	l ₁ mm	l ₂ mm	l ₅ mm	d ₁ h6 mm	WJ30ET
DIN 6535 HE	DC160-03-09.900F1-	9,9		35	89	47	40	10	☹
	DC160-03-10.000F1-	10		35	89	47	40	10	☹
	DC160-03-10.100F1-	10,1		40	102	55	45	12	☹
	DC160-03-10.200F1-	10,2		40	102	55	45	12	☹
	DC160-03-10.300F1-	10,3		40	102	55	45	12	☹
	DC160-03-10.400F1-	10,4		40	102	55	45	12	☹
	DC160-03-10.500F1-	10,5		40	102	55	45	12	☹
	DC160-03-10.600F1-	10,6		40	102	55	45	12	☹
	DC160-03-10.700F1-	10,7		40	102	55	45	12	☹
	DC160-03-10.800F1-	10,8		40	102	55	45	12	☹
	DC160-03-10.900F1-	10,9		40	102	55	45	12	☹
	DC160-03-11.000F1-	11		40	102	55	45	12	☹
	DC160-03-11.100F1-	11,1		40	102	55	45	12	☹
	DC160-03-11.200F1-	11,2		40	102	55	45	12	☹
	DC160-03-11.300F1-	11,3		40	102	55	45	12	☹
	DC160-03-11.400F1-	11,4		40	102	55	45	12	☹
	DC160-03-11.500F1-	11,5		40	102	55	45	12	☹
	DC160-03-11.550F1-	11,55		40	102	55	45	12	☹
	DC160-03-11.600F1-	11,6		40	102	55	45	12	☹
	DC160-03-11.700F1-	11,7		40	102	55	45	12	☹
	DC160-03-11.800F1-	11,8		40	102	55	45	12	☹
	DC160-03-11.900F1-	11,9		40	102	55	45	12	☹
	DC160-03-12.000F1-	12		40	102	55	45	12	☹
	DC160-03-12.100F1-	12,1		43	107	60	45	14	☹
	DC160-03-12.200F1-	12,2		43	107	60	45	14	☹
	DC160-03-12.250F1-	12,25		43	107	60	45	14	☹
	DC160-03-12.300F1-	12,3		43	107	60	45	14	☹
	DC160-03-12.400F1-	12,4		43	107	60	45	14	☹
	DC160-03-12.500F1-	12,5		43	107	60	45	14	☹
	DC160-03-12.600F1-	12,6		43	107	60	45	14	☹
	DC160-03-12.700F1-	12,700	1/2"	43	107	60	45	14	☹
	DC160-03-12.800F1-	12,8		43	107	60	45	14	☹
	DC160-03-12.900F1-	12,9		43	107	60	45	14	☹
	DC160-03-13.000F1-	13		43	107	60	45	14	☹
	DC160-03-13.100F1-	13,1		43	107	60	45	14	☹
	DC160-03-13.200F1-	13,2		43	107	60	45	14	☹
	DC160-03-13.300F1-	13,3		43	107	60	45	14	☹
	DC160-03-13.400F1-	13,4		43	107	60	45	14	☹
	DC160-03-13.500F1-	13,5		43	107	60	45	14	☹
	DC160-03-13.600F1-	13,6		43	107	60	45	14	☹
	DC160-03-13.700F1-	13,7		43	107	60	45	14	☹
	DC160-03-13.800F1-	13,8		43	107	60	45	14	☹
	DC160-03-13.900F1-	13,9		43	107	60	45	14	☹
	DC160-03-14.000F1-	14		43	107	60	45	14	☹
	DC160-03-14.100F1-	14,1		45	115	65	48	16	☹
	DC160-03-14.200F1-	14,2		45	115	65	48	16	☹

Ordering example for the grade WJ30ET: DC160-03-03.000A1-WJ30ET

WALTER
SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = ☹ → Poor = ☹ machining conditions

Tool		D _c m7 mm	D _c Inch/Nr	L _c mm	l ₁ mm	l ₂ mm	l ₅ mm	d ₁ h6 mm	WJ30ET
	Designation								
DIN 6535 HE	DC160-03-14.300F1-	14,3		45	115	65	48	16	☹
	DC160-03-14.400F1-	14,4		45	115	65	48	16	☹
	DC160-03-14.500F1-	14,5		45	115	65	48	16	☹
	DC160-03-14.600F1-	14,6		45	115	65	48	16	☹
	DC160-03-14.700F1-	14,7		45	115	65	48	16	☹
	DC160-03-14.800F1-	14,8		45	115	65	48	16	☹
	DC160-03-15.000F1-	15		45	115	65	48	16	☹
	DC160-03-15.100F1-	15,1		45	115	65	48	16	☹
	DC160-03-15.200F1-	15,2		45	115	65	48	16	☹
	DC160-03-15.300F1-	15,3		45	115	65	48	16	☹
	DC160-03-15.500F1-	15,5		45	115	65	48	16	☹
	DC160-03-15.600F1-	15,6		45	115	65	48	16	☹
	DC160-03-15.700F1-	15,7		45	115	65	48	16	☹
	DC160-03-15.800F1-	15,8		45	115	65	48	16	☹
	DC160-03-15.900F1-	15,9		45	115	65	48	16	☹
	DC160-03-16.000F1-	16		45	115	65	48	16	☹
	DC160-03-16.100F1-	16,1		51	123	73	48	18	☹
	DC160-03-16.200F1-	16,2		51	123	73	48	18	☹
	DC160-03-16.300F1-	16,3		51	123	73	48	18	☹
	DC160-03-16.400F1-	16,4		51	123	73	48	18	☹
	DC160-03-16.500F1-	16,5		51	123	73	48	18	☹
	DC160-03-16.600F1-	16,6		51	123	73	48	18	☹
	DC160-03-16.700F1-	16,7		51	123	73	48	18	☹
	DC160-03-16.800F1-	16,8		51	123	73	48	18	☹
	DC160-03-17.000F1-	17		51	123	73	48	18	☹
	DC160-03-17.200F1-	17,2		51	123	73	48	18	☹
	DC160-03-17.300F1-	17,3		51	123	73	48	18	☹
	DC160-03-17.500F1-	17,5		51	123	73	48	18	☹
	DC160-03-17.600F1-	17,6		51	123	73	48	18	☹
	DC160-03-17.700F1-	17,7		51	123	73	48	18	☹
	DC160-03-17.800F1-	17,8		51	123	73	48	18	☹
	DC160-03-18.000F1-	18		51	123	73	48	18	☹
	DC160-03-18.200F1-	18,2		55	131	79	50	20	☹
	DC160-03-18.500F1-	18,5		55	131	79	50	20	☹
	DC160-03-18.700F1-	18,7		55	131	79	50	20	☹
	DC160-03-18.800F1-	18,8		55	131	79	50	20	☹
	DC160-03-19.000F1-	19		55	131	79	50	20	☹
	DC160-03-19.500F1-	19,5		55	131	79	50	20	☹
	DC160-03-19.700F1-	19,7		55	131	79	50	20	☹
	DC160-03-19.800F1-	19,8		55	131	79	50	20	☹
	DC160-03-20.000F1-	20		55	131	79	50	20	☹

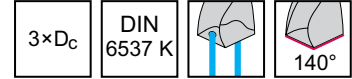
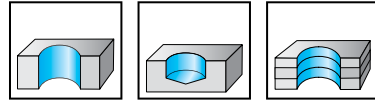
Ordering example for the grade WJ30ET: DC160-03-03.000A1-WJ30ET

**WALTER
SELECT**

● ● Primary application ● Other application
 Best tool for → Good = ☺ → Average = ☹ → Poor = ☹ machining conditions

Solid carbide drills with coolant-through

DC150 Perform



	P	M	K	N	S	H	O
WJ30RE	●	●	●	●	●	●	●

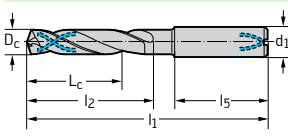
Tool	Designation	D _c mm	D _c Inch/Nr	L _c mm	l ₁ mm	l ₂ mm	l ₅ mm	d ₁ h6 mm	WJ30RE
 DIN 6535 HA	DC150-03-03.000A1-	3		14	62	20	36	6	☺
	DC150-03-03.100A1-	3,1		14	62	20	36	6	☺
	DC150-03-03.175A1-	3,175	1/8"	14	62	20	36	6	☺
	DC150-03-03.200A1-	3,2		14	62	20	36	6	☺
	DC150-03-03.250A1-	3,25		14	62	20	36	6	☺
	DC150-03-03.300A1-	3,3		14	62	20	36	6	☺
	DC150-03-03.400A1-	3,4		14	62	20	36	6	☺
	DC150-03-03.500A1-	3,5		14	62	20	36	6	☺
	DC150-03-03.572A1-	3,572	9/64"	14	62	20	36	6	☺
	DC150-03-03.600A1-	3,6		14	62	20	36	6	☺
	DC150-03-03.650A1-	3,65		14	62	20	36	6	☺
	DC150-03-03.700A1-	3,7		14	62	20	36	6	☺
	DC150-03-03.800A1-	3,8		17	66	24	36	6	☺
	DC150-03-03.900A1-	3,9		17	66	24	36	6	☺
	DC150-03-03.969A1-	3,969	5/32"	17	66	24	36	6	☺
	DC150-03-04.000A1-	4		17	66	24	36	6	☺
	DC150-03-04.100A1-	4,1		17	66	24	36	6	☺
	DC150-03-04.200A1-	4,2		17	66	24	36	6	☺
	DC150-03-04.300A1-	4,3		17	66	24	36	6	☺
	DC150-03-04.366A1-	4,366	11/64"	17	66	24	36	6	☺
	DC150-03-04.400A1-	4,4		17	66	24	36	6	☺
	DC150-03-04.500A1-	4,5		17	66	24	36	6	☺
	DC150-03-04.600A1-	4,6		17	66	24	36	6	☺
	DC150-03-04.650A1-	4,65		17	66	24	36	6	☺
	DC150-03-04.700A1-	4,7		17	66	24	36	6	☺
	DC150-03-04.763A1-	4,763	3/16"	20	66	28	36	6	☺
	DC150-03-04.800A1-	4,8		20	66	28	36	6	☺
	DC150-03-04.900A1-	4,9		20	66	28	36	6	☺
	DC150-03-05.000A1-	5		20	66	28	36	6	☺
	DC150-03-05.100A1-	5,1		20	66	28	36	6	☺
	DC150-03-05.159A1-	5,159	13/64"	20	66	28	36	6	☺
	DC150-03-05.200A1-	5,2		20	66	28	36	6	☺
	DC150-03-05.300A1-	5,3		20	66	28	36	6	☺
	DC150-03-05.400A1-	5,4		20	66	28	36	6	☺
	DC150-03-05.500A1-	5,5		20	66	28	36	6	☺
	DC150-03-05.550A1-	5,55		20	66	28	36	6	☺

Ordering example for the grade WJ30RE: DC150-03-03.000A1-WJ30RE

WALTER
SELECT

●● Primary application ● Other application

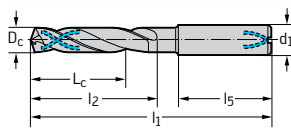
Best tool for → Good = ☺ → Average = ☹ → Poor = ☹ machining conditions

Tool		D _c m7 mm		L _c mm	l ₁ mm	l ₂ mm	l ₅ mm	d ₁ h6 mm	WJ30RE
	Designation		D _c Inch/Nr						
	DC150-03-05.556A1-	5,556	7/32"	20	66	28	36	6	
	DC150-03-05.600A1-	5,6		20	66	28	36	6	
	DC150-03-05.700A1-	5,7		20	66	28	36	6	
	DC150-03-05.800A1-	5,8		20	66	28	36	6	
DIN 6535 HA	DC150-03-05.900A1-	5,9		20	66	28	36	6	
	DC150-03-05.953A1-	5,953	15/64"	20	66	28	36	6	
	DC150-03-06.000A1-	6		20	66	28	36	6	
	DC150-03-06.100A1-	6,1		24	79	34	36	8	
	DC150-03-06.200A1-	6,2		24	79	34	36	8	
	DC150-03-06.300A1-	6,3		24	79	34	36	8	
	DC150-03-06.350A1-	6,350	1/4"	24	79	34	36	8	
	DC150-03-06.400A1-	6,4		24	79	34	36	8	
	DC150-03-06.500A1-	6,5		24	79	34	36	8	
	DC150-03-06.600A1-	6,6		24	79	34	36	8	
	DC150-03-06.700A1-	6,7		24	79	34	36	8	
	DC150-03-06.747A1-	6,747	17/64"	24	79	34	36	8	
	DC150-03-06.800A1-	6,8		24	79	34	36	8	
	DC150-03-06.900A1-	6,9		24	79	34	36	8	
	DC150-03-07.000A1-	7		24	79	34	36	8	
	DC150-03-07.100A1-	7,1		29	79	41	36	8	
	DC150-03-07.144A1-	7,144	9/32"	29	79	41	36	8	
	DC150-03-07.200A1-	7,2		29	79	41	36	8	
	DC150-03-07.300A1-	7,3		29	79	41	36	8	
	DC150-03-07.400A1-	7,4		29	79	41	36	8	
	DC150-03-07.500A1-	7,5		29	79	41	36	8	
	DC150-03-07.541A1-	7,541	19/64"	29	79	41	36	8	
	DC150-03-07.600A1-	7,6		29	79	41	36	8	
	DC150-03-07.700A1-	7,7		29	79	41	36	8	
	DC150-03-07.800A1-	7,8		29	79	41	36	8	
	DC150-03-07.900A1-	7,9		29	79	41	36	8	
	DC150-03-07.938A1-	7,938	5/16"	29	79	41	36	8	
	DC150-03-08.000A1-	8		29	79	41	36	8	
	DC150-03-08.100A1-	8,1		35	89	47	40	10	
	DC150-03-08.200A1-	8,2		35	89	47	40	10	
	DC150-03-08.300A1-	8,3		35	89	47	40	10	
	DC150-03-08.334A1-	8,334	21/64"	35	89	47	40	10	
	DC150-03-08.400A1-	8,4		35	89	47	40	10	
	DC150-03-08.500A1-	8,5		35	89	47	40	10	
	DC150-03-08.600A1-	8,6		35	89	47	40	10	
	DC150-03-08.700A1-	8,7		35	89	47	40	10	
	DC150-03-08.731A1-	8,731	11/32"	35	89	47	40	10	
	DC150-03-08.800A1-	8,8		35	89	47	40	10	
	DC150-03-08.900A1-	8,9		35	89	47	40	10	
	DC150-03-09.000A1-	9		35	89	47	40	10	
	DC150-03-09.100A1-	9,1		35	89	47	40	10	
	DC150-03-09.128A1-	9,128	23/64"	35	89	47	40	10	

Ordering example for the grade WJ30RE: DC150-03-03.000A1-WJ30RE

**WALTER
SELECT**

● ● Primary application ● Other application
 Best tool for → Good = ☺ → Average = ☹ → Poor = ☹ machining conditions

Tool	Designation	D _c m7 mm	D _c inch/Nr	L _c mm	l ₁ mm	l ₂ mm	l ₅ mm	d ₁ h6 mm	WJ30RE
	DC150-03-09.200A1-	9,2		35	89	47	40	10	☹
	DC150-03-09.300A1-	9,3		35	89	47	40	10	☹
	DC150-03-09.400A1-	9,4		35	89	47	40	10	☹
	DC150-03-09.500A1-	9,5		35	89	47	40	10	☹
DIN 6535 HA	DC150-03-09.525A1-	9,525	3/8"	35	89	47	40	10	☹
	DC150-03-09.600A1-	9,6		35	89	47	40	10	☹
	DC150-03-09.700A1-	9,7		35	89	47	40	10	☹
	DC150-03-09.800A1-	9,8		35	89	47	40	10	☹
B1	DC150-03-09.900A1-	9,9		35	89	47	40	10	☹
	DC150-03-09.922A1-	9,922	25/64"	35	89	47	40	10	☹
	DC150-03-10.000A1-	10		35	89	47	40	10	☹
	DC150-03-10.100A1-	10,1		40	102	55	45	12	☹
	DC150-03-10.200A1-	10,2		40	102	55	45	12	☹
	DC150-03-10.300A1-	10,3		40	102	55	45	12	☹
	DC150-03-10.319A1-	10,319	13/32"	40	102	55	45	12	☹
	DC150-03-10.400A1-	10,4		40	102	55	45	12	☹
	DC150-03-10.500A1-	10,5		40	102	55	45	12	☹
	DC150-03-10.600A1-	10,6		40	102	55	45	12	☹
	DC150-03-10.700A1-	10,7		40	102	55	45	12	☹
	DC150-03-10.716A1-	10,716	27/64"	40	102	55	45	12	☹
	DC150-03-10.800A1-	10,8		40	102	55	45	12	☹
	DC150-03-10.900A1-	10,9		40	102	55	45	12	☹
	DC150-03-11.000A1-	11		40	102	55	45	12	☹
	DC150-03-11.100A1-	11,1		40	102	55	45	12	☹
	DC150-03-11.113A1-	11,113	7/16"	40	102	55	45	12	☹
	DC150-03-11.200A1-	11,2		40	102	55	45	12	☹
	DC150-03-11.300A1-	11,3		40	102	55	45	12	☹
	DC150-03-11.400A1-	11,4		40	102	55	45	12	☹
	DC150-03-11.500A1-	11,5		40	102	55	45	12	☹
	DC150-03-11.509A1-	11,509	29/64"	40	102	55	45	12	☹
	DC150-03-11.600A1-	11,6		40	102	55	45	12	☹
	DC150-03-11.700A1-	11,7		40	102	55	45	12	☹
	DC150-03-11.800A1-	11,8		40	102	55	45	12	☹
	DC150-03-11.900A1-	11,9		40	102	55	45	12	☹
	DC150-03-11.906A1-	11,906	15/32"	40	102	55	45	12	☹
	DC150-03-12.000A1-	12		40	102	55	45	12	☹
	DC150-03-12.100A1-	12,1		43	107	60	45	14	☹
	DC150-03-12.200A1-	12,2		43	107	60	45	14	☹
	DC150-03-12.300A1-	12,3		43	107	60	45	14	☹
	DC150-03-12.303A1-	12,303	31/64"	43	107	60	45	14	☹
	DC150-03-12.500A1-	12,5		43	107	60	45	14	☹
	DC150-03-12.600A1-	12,6		43	107	60	45	14	☹
	DC150-03-12.700A1-	12,700	1/2"	43	107	60	45	14	☹
	DC150-03-12.800A1-	12,8		43	107	60	45	14	☹
	DC150-03-12.900A1-	12,9		43	107	60	45	14	☹
	DC150-03-13.000A1-	13		43	107	60	45	14	☹

Ordering example for the grade WJ30RE: DC150-03-03.000A1-WJ30RE

WALTER
SELECT

●● Primary application ● Other application
Best tool for → Good = ☺ → Average = ☹ → Poor = ☹ machining conditions

Tool		D _c m7 mm	D _c Inch/Nr	L _c mm	l ₁ mm	l ₂ mm	l ₅ mm	d ₁ h6 mm	WJ30RE
 DIN 6535 HA	Designation								
	DC150-03-13.100A1-	13,1		43	107	60	45	14	☹
	DC150-03-13.200A1-	13,2		43	107	60	45	14	☹
	DC150-03-13.300A1-	13,3		43	107	60	45	14	☹
	DC150-03-13.494A1-	13,494	17/32"	43	107	60	45	14	☹
	DC150-03-13.500A1-	13,5		43	107	60	45	14	☹
	DC150-03-13.800A1-	13,8		43	107	60	45	14	☹
	DC150-03-14.000A1-	14		43	107	60	45	14	☹
	DC150-03-14.100A1-	14,1		45	115	65	48	16	☹
	DC150-03-14.200A1-	14,2		45	115	65	48	16	☹
	DC150-03-14.288A1-	14,288	9/16"	45	115	65	48	16	☹
	DC150-03-14.500A1-	14,5		45	115	65	48	16	☹
	DC150-03-14.600A1-	14,6		45	115	65	48	16	☹
	DC150-03-14.700A1-	14,7		45	115	65	48	16	☹
	DC150-03-15.000A1-	15		45	115	65	48	16	☹
	DC150-03-15.100A1-	15,1		45	115	65	48	16	☹
	DC150-03-15.300A1-	15,3		45	115	65	48	16	☹
	DC150-03-15.500A1-	15,5		45	115	65	48	16	☹
	DC150-03-15.700A1-	15,7		45	115	65	48	16	☹
	DC150-03-15.800A1-	15,8		45	115	65	48	16	☹
	DC150-03-15.875A1-	15,875	5/8"	45	115	65	48	16	☹
	DC150-03-16.000A1-	16		45	115	65	48	16	☹
	DC150-03-16.300A1-	16,3		51	123	73	48	18	☹
	DC150-03-16.500A1-	16,5		51	123	73	48	18	☹
	DC150-03-16.700A1-	16,7		51	123	73	48	18	☹
	DC150-03-17.000A1-	17		51	123	73	48	18	☹
	DC150-03-17.500A1-	17,5		51	123	73	48	18	☹
	DC150-03-18.000A1-	18		51	123	73	48	18	☹
	DC150-03-18.500A1-	18,5		55	131	79	50	20	☹
	DC150-03-19.000A1-	19		55	131	79	50	20	☹
	DC150-03-19.050A1-	19,050	3/4"	55	131	79	50	20	☹
	DC150-03-20.000A1-	20		55	131	79	50	20	☹
 DIN 6535 HE, turned 180° DIN 6535 HB	DC150-03-03.000D1-	3		14	62	20	36	6	☹
	DC150-03-03.300D1-	3,3		14	62	20	36	6	☹
	DC150-03-03.400D1-	3,4		14	62	20	36	6	☹
	DC150-03-03.500D1-	3,5		14	62	20	36	6	☹
	DC150-03-03.700D1-	3,7		14	62	20	36	6	☹
	DC150-03-03.800D1-	3,8		17	66	24	36	6	☹
	DC150-03-04.000D1-	4		17	66	24	36	6	☹
	DC150-03-04.200D1-	4,2		17	66	24	36	6	☹
	DC150-03-04.300D1-	4,3		17	66	24	36	6	☹
	DC150-03-04.500D1-	4,5		17	66	24	36	6	☹
	DC150-03-04.800D1-	4,8		20	66	28	36	6	☹
	DC150-03-05.000D1-	5		20	66	28	36	6	☹
	DC150-03-05.100D1-	5,1		20	66	28	36	6	☹
	DC150-03-05.300D1-	5,3		20	66	28	36	6	☹
	DC150-03-05.500D1-	5,5		20	66	28	36	6	☹

Ordering example for the grade WJ30RE: DC150-03-03.000A1-WJ30RE

**WALTER
SELECT**

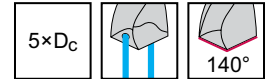
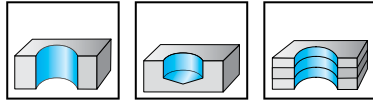
 ●● Primary application ● Other application
 Best tool for → Good = ☺ → Average = ☹ → Poor = ☹ machining conditions

Tool		D _c mm	D _c inch/Nr	L _c mm	l ₁ mm	l ₂ mm	l ₅ mm	d ₁ h6 mm	WJ30RE
	Designation								
	DC150-03-06.000D1-	6		20	66	28	36	6	☹
	DC150-03-06.500D1-	6,5		24	79	34	36	8	☹
	DC150-03-06.700D1-	6,7		24	79	34	36	8	☹
	DC150-03-06.800D1-	6,8		24	79	34	36	8	☹
	DIN 6535 HE, turned 180° DIN 6535 HB								
	DC150-03-07.000D1-	7		24	79	34	36	8	☹
	DC150-03-07.500D1-	7,5		29	79	41	36	8	☹
	DC150-03-07.800D1-	7,8		29	79	41	36	8	☹
	DC150-03-08.000D1-	8		29	79	41	36	8	☹
	DC150-03-08.500D1-	8,5		35	89	47	40	10	☹
	DC150-03-08.600D1-	8,6		35	89	47	40	10	☹
	DC150-03-08.800D1-	8,8		35	89	47	40	10	☹
	DC150-03-09.000D1-	9		35	89	47	40	10	☹
	DC150-03-10.000D1-	10		35	89	47	40	10	☹
	DC150-03-10.200D1-	10,2		40	102	55	45	12	☹
	DC150-03-10.300D1-	10,3		40	102	55	45	12	☹
	DC150-03-10.500D1-	10,5		40	102	55	45	12	☹
	DC150-03-10.800D1-	10,8		40	102	55	45	12	☹
	DC150-03-11.000D1-	11		40	102	55	45	12	☹
	DC150-03-11.800D1-	11,8		40	102	55	45	12	☹
	DC150-03-12.000D1-	12		40	102	55	45	12	☹
	DC150-03-12.200D1-	12,2		43	107	60	45	14	☹
	DC150-03-12.500D1-	12,5		43	107	60	45	14	☹
	DC150-03-13.000D1-	13		43	107	60	45	14	☹
	DC150-03-14.000D1-	14		43	107	60	45	14	☹
	DC150-03-15.000D1-	15		45	115	65	48	16	☹
	DC150-03-15.500D1-	15,5		45	115	65	48	16	☹
	DC150-03-16.000D1-	16		45	115	65	48	16	☹
	DC150-03-16.500D1-	16,5		51	123	73	48	18	☹
	DC150-03-17.000D1-	17		51	123	73	48	18	☹
	DC150-03-17.500D1-	17,5		51	123	73	48	18	☹
	DC150-03-18.000D1-	18		51	123	73	48	18	☹
	DC150-03-19.000D1-	19		55	131	79	50	20	☹
	DC150-03-20.000D1-	20		55	131	79	50	20	☹

Ordering example for the grade WJ30RE: DC150-03-03.000A1-WJ30RE

Solid carbide micro drills with coolant-through

DB133 Supreme



	P	M	K	N	S	H	O
WJ30EL	●●	●●	●●	●●	●●	●	●

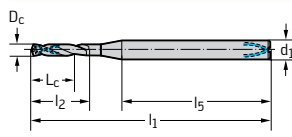
B1

Tool	Designation	D _c mm	D _c Inch/Nr	L _c mm	l ₁ mm	l ₂ mm	l ₅ mm	d ₁ h6 mm	WJ30EL
 DIN 6535 HA	DB133-05-00.700A1-	0,7		4,9	48	6	35	3	☹
	DB133-05-00.750A1-	0,75		5,8	48	7	34	3	☹
	DB133-05-00.794A1-	0,794	1/32"	5,8	48	7	34	3	☹
	DB133-05-00.800A1-	0,8		5,8	48	7	34	3	☹
	DB133-05-00.850A1-	0,85		6,6	50	8	35	3	☹
	DB133-05-00.900A1-	0,9		6,6	50	8	35	3	☹
	DB133-05-00.950A1-	0,95		7,5	50	9	34	3	☹
	DB133-05-01.000A1-	1		7,5	50	9	34	3	☹
	DB133-05-01.050A1-	1,05		7	51	9	36	3	☹
	DB133-05-01.100A1-	1,1		7	51	9	36	3	☹
	DB133-05-01.150A1-	1,15		8	51	10	35	3	☹
	DB133-05-01.191A1-	1,191	3/64"	8	51	10	35	3	☹
	DB133-05-01.200A1-	1,2		8	51	10	35	3	☹
	DB133-05-01.250A1-	1,25		9	51	11	34	3	☹
	DB133-05-01.300A1-	1,3		9	53	11	36	3	☹
	DB133-05-01.350A1-	1,35		9	53	12	35	3	☹
	DB133-05-01.400A1-	1,4		9	53	12	35	3	☹
	DB133-05-01.450A1-	1,45		10	53	13	34	3	☹
	DB133-05-01.500A1-	1,5		10	53	13	34	3	☹
	DB133-05-01.550A1-	1,55		11	54	14	35	3	☹
	DB133-05-01.588A1-	1,588	1/16"	11	54	14	35	3	☹
	DB133-05-01.600A1-	1,6		11	54	14	35	3	☹
	DB133-05-01.650A1-	1,65		11	54	14	35	3	☹
	DB133-05-01.700A1-	1,7		11	54	14	35	3	☹
	DB133-05-01.750A1-	1,75		12	54	15	34	3	☹
	DB133-05-01.800A1-	1,8		12	54	15	34	3	☹
	DB133-05-01.850A1-	1,85		13	57	16	36	3	☹
	DB133-05-01.900A1-	1,9		13	57	16	36	3	☹
	DB133-05-01.950A1-	1,95		14	57	17	35	3	☹
	DB133-05-01.984A1-	1,984	5/64"	14	57	17	35	3	☹
	DB133-05-02.000A1-	2		14	57	17	35	3	☹
	DB133-05-02.050A1-	2,05		14	57	18	35	3	☹
	DB133-05-02.100A1-	2,1		14	57	18	35	3	☹
	DB133-05-02.150A1-	2,15		15	57	19	34	3	☹
	DB133-05-02.200A1-	2,2		15	57	19	34	3	☹
	DB133-05-02.250A1-	2,25		16	59	20	35	3	☹

Ordering example for the grade WJ30EL: DB133-05-00.700A1-WJ30EL

**WALTER
SELECT**

●● Primary application ● Other application
 Best tool for → Good = ☺ → Average = ☹ → Poor = ☹ machining conditions

Tool		D _c m7 mm	D _c inch/Nr	L _c mm	l ₁ mm	l ₂ mm	l ₅ mm	d ₁ h6 mm	WJ30EL
 DIN 6535 HA	Designation								
	DB133-05-02.300A1-	2,3		16	59	20	35	3	☹☹
	DB133-05-02.350A1-	2,35		16	59	20	35	3	☹☹
	DB133-05-02.381A1-	2,381	3/32"	16	59	20	35	3	☹☹
	DB133-05-02.400A1-	2,4		16	59	20	35	3	☹☹
	DB133-05-02.450A1-	2,45		17	59	21	34	3	☹☹
	DB133-05-02.500A1-	2,5		17	59	21	34	3	☹☹
	DB133-05-02.550A1-	2,55		18	62	22	36	3	☹☹
	DB133-05-02.600A1-	2,6		18	62	22	36	3	☹☹
	DB133-05-02.650A1-	2,65		18	62	23	36	3	☹☹
	DB133-05-02.700A1-	2,7		18	62	23	36	3	☹☹
	DB133-05-02.750A1-	2,75		19	62	24	35	3	☹☹
	DB133-05-02.778A1-	2,778	7/64"	19	62	24	35	3	☹☹
	DB133-05-02.800A1-	2,8		19	62	24	35	3	☹☹
	DB133-05-02.850A1-	2,85		20	62	25	34	3	☹☹
	DB133-05-02.900A1-	2,9		20	62	25	34	3	☹☹
	DB133-05-02.950A1-	2,95		20	62	25	34	3	☹☹

Ordering example for the grade WJ30EL: DB133-05-00.700A1-WJ30EL

Solid carbide twist drill 3 flutes

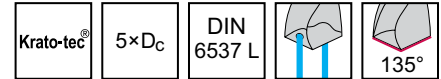
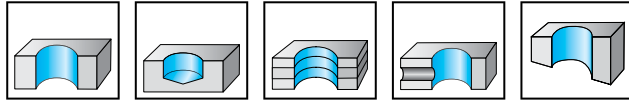
DC183 Supreme

X-treme Evo 3

Powered by Krato-tec®



– with innovative Krato-tec® multilayer coating



	P	M	K	N	S	H	O
WJ30EZ	●●	●	●●	●●	●		

B1

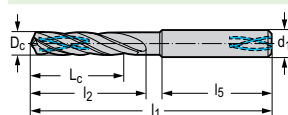
Tool	Designation	D _c mm	D _c Inch/Nr	L _c mm	l ₁ mm	l ₂ mm	l ₅ mm	d ₁ h6 mm	WJ30EZ
	DC183-05-03.000A1-	3		19	66	24	36	6	☹
	DC183-05-03.175A1-	3,175	1/8"	19	66	24	36	6	☹
	DC183-05-03.300A1-	3,3		19	66	24	36	6	☹
	DC183-05-03.500A1-	3,5		19	66	24	36	6	☹
	DC183-05-03.700A1-	3,7		19	66	24	36	6	☹
DIN 6535 HA	DC183-05-03.900A1-	3,9		29	74	36	36	6	☹
	DC183-05-04.000A1-	4		29	74	36	36	6	☹
	DC183-05-04.100A1-	4,1		29	74	36	36	6	☹
	DC183-05-04.200A1-	4,2		29	74	36	36	6	☹
	DC183-05-04.300A1-	4,3		29	74	36	36	6	☹
	DC183-05-04.366A1-	4,366	11/64"	29	74	36	36	6	☹
	DC183-05-04.500A1-	4,5		29	74	36	36	6	☹
	DC183-05-04.763A1-	4,763	3/16"	35	82	44	36	6	☹
	DC183-05-04.800A1-	4,8		35	82	44	36	6	☹
	DC183-05-05.000A1-	5		35	82	44	36	6	☹
	DC183-05-05.100A1-	5,1		35	82	44	36	6	☹
	DC183-05-05.200A1-	5,2		35	82	44	36	6	☹
	DC183-05-05.500A1-	5,5		35	82	44	36	6	☹
	DC183-05-05.550A1-	5,5		35	82	44	36	6	☹
	DC183-05-05.556A1-	5,556	7/32"	35	82	44	36	6	☹
	DC183-05-05.800A1-	5,8		35	82	44	36	6	☹
	DC183-05-06.000A1-	6		35	82	44	36	6	☹
	DC183-05-06.100A1-	6,1		43	91	53	36	8	☹
	DC183-05-06.200A1-	6,2		43	91	53	36	8	☹
	DC183-05-06.350A1-	6,350	1/4"	43	91	53	36	8	☹
	DC183-05-06.500A1-	6,5		43	91	53	36	8	☹
	DC183-05-06.700A1-	6,7		43	91	53	36	8	☹
	DC183-05-06.747A1-	6,747	17/64"	43	91	53	36	8	☹
	DC183-05-06.800A1-	6,8		43	91	53	36	8	☹
	DC183-05-07.000A1-	7		43	91	53	36	8	☹
	DC183-05-07.144A1-	7,144	9/32"	43	91	53	36	8	☹
	DC183-05-07.400A1-	7,4		43	91	53	36	8	☹
	DC183-05-07.500A1-	7,5		43	91	53	36	8	☹
	DC183-05-07.541A1-	7,541	19/64"	43	91	53	36	8	☹
	DC183-05-07.800A1-	7,8		43	91	53	36	8	☹
	DC183-05-07.938A1-	7,938	5/16"	43	91	53	36	8	☹

Ordering example for the grade WJ30EZ: DC183-05-03.000A1-WJ30EZ

WALTER
SELECT

●● Primary application ● Other application
 Best tool for → Good = ☺ → Average = ☹ → Poor = ☹ machining conditions

Tool



DIN 6535 HA

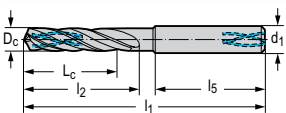
B1

Designation	D _c m7 mm	D _c Inch/Nr	L _c mm	l ₁ mm	l ₂ mm	l ₃ mm	d ₁ h6 mm	WJ30EZ
DC183-05-08.000A1-	8		43	91	53	36	8	☹
DC183-05-08.100A1-	8,1		49	103	61	40	10	☹
DC183-05-08.500A1-	8,5		49	103	61	40	10	☹
DC183-05-08.600A1-	8,6		49	103	61	40	10	☹
DC183-05-08.700A1-	8,7		49	103	61	40	10	☹
DC183-05-08.731A1-	8,731	11/32"	49	103	61	40	10	☹
DC183-05-08.800A1-	8,8		49	103	61	40	10	☹
DC183-05-09.000A1-	9		49	103	61	40	10	☹
DC183-05-09.100A1-	9,1		49	103	61	40	10	☹
DC183-05-09.128A1-	9,128	23/64"	49	103	61	40	10	☹
DC183-05-09.300A1-	9,3		49	103	61	40	10	☹
DC183-05-09.500A1-	9,5		49	103	61	40	10	☹
DC183-05-09.525A1-	9,525	3/8"	49	103	61	40	10	☹
DC183-05-09.800A1-	9,8		49	103	61	40	10	☹
DC183-05-09.922A1-	9,922	25/64"	49	103	61	40	10	☹
DC183-05-10.000A1-	10		49	103	61	40	10	☹
DC183-05-10.100A1-	10,1		56	118	71	45	12	☹
DC183-05-10.200A1-	10,2		56	118	71	45	12	☹
DC183-05-10.300A1-	10,3		56	118	71	45	12	☹
DC183-05-10.319A1-	10,319	13/32"	56	118	71	45	12	☹
DC183-05-10.500A1-	10,5		56	118	71	45	12	☹
DC183-05-10.716A1-	10,716	27/64"	56	118	71	45	12	☹
DC183-05-10.800A1-	10,8		56	118	71	45	12	☹
DC183-05-11.000A1-	11		56	118	71	45	12	☹
DC183-05-11.100A1-	11,1		56	118	71	45	12	☹
DC183-05-11.113A1-	11,113	7/16"	56	118	71	45	12	☹
DC183-05-11.200A1-	11,2		56	118	71	45	12	☹
DC183-05-11.500A1-	11,5		56	118	71	45	12	☹
DC183-05-11.509A1-	11,509	29/64"	56	118	71	45	12	☹
DC183-05-11.800A1-	11,8		56	118	71	45	12	☹
DC183-05-11.906A1-	11,906	15/32"	56	118	71	45	12	☹
DC183-05-12.000A1-	12		56	118	71	45	12	☹
DC183-05-12.100A1-	12,1		60	124	77	45	14	☹
DC183-05-12.303A1-	12,303	31/64"	60	124	77	45	14	☹
DC183-05-12.500A1-	12,5		60	124	77	45	14	☹
DC183-05-12.700A1-	12,700	1/2"	60	124	77	45	14	☹
DC183-05-13.000A1-	13		60	124	77	45	14	☹
DC183-05-13.100A1-	13,1		60	124	77	45	14	☹
DC183-05-13.494A1-	13,494	17/32"	60	124	77	45	14	☹
DC183-05-13.500A1-	13,5		60	124	77	45	14	☹
DC183-05-13.800A1-	13,8		60	124	77	45	14	☹
DC183-05-14.000A1-	14		60	124	77	45	14	☹
DC183-05-14.288A1-	14,288	9/16"	63	133	83	48	16	☹
DC183-05-14.500A1-	14,5		63	133	83	48	16	☹
DC183-05-15.000A1-	15		63	133	83	48	16	☹
DC183-05-15.100A1-	15,1		63	133	83	48	16	☹

Ordering example for the grade WJ30EZ: DC183-05-03.000A1-WJ30EZ

WALTER
SELECT

● ● Primary application ● Other application
Best tool for → Good = ☺ → Average = ☹ → Poor = ☹ machining conditions

Tool		D _c mm	D _c Inch/Nr	L _c mm	l ₁ mm	l ₂ mm	l ₅ mm	d ₁ h6 mm	WJ30EZ
	Designation								
	DC183-05-15.300A1-	15,3		63	133	83	48	16	☺
	DC183-05-15.500A1-	15,5		63	133	83	48	16	☺
	DC183-05-15.800A1-	15,8		63	133	83	48	16	☺
	DC183-05-15.875A1-	15,875	5/8"	63	133	83	48	16	☺
	DC183-05-16.000A1-	16		63	133	83	48	16	☺

DIN 6535 HA

Ordering example for the grade WJ30EZ: DC183-05-03.000A1-WJ30EZ

B1

**WALTER
SELECT**

●● Primary application ● Other application
 Best tool for → Good = ☺ → Average = ☹ → Poor = ☹☹ machining conditions

Solid carbide drills with coolant-through

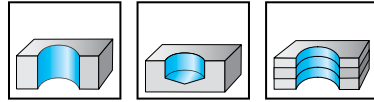
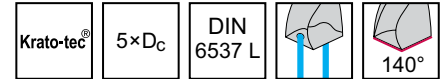
DC180 Supreme

X-treme Evo Plus

Powered by Krato-tec®



– with innovative Krato-tec® multilayer coating



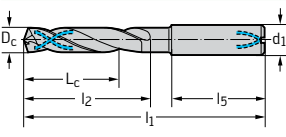
	P	M	K	N	S	H	O
WJ30EZ	●●	●●	●●	●●	●●	●●	●

Tool	Designation	D _c mm	D _c Inch/Nr	L _c mm	l ₁ mm	l ₂ mm	l ₅ mm	d ₁ h6 mm	WJ30EZ
 DIN 6535 HA	DC180-05-03.000A1-	3		19	66	24	36	6	☹
	DC180-05-03.100A1-	3,1		19	66	24	36	6	☹
	DC180-05-03.175A1-	3,175	1/8"	19	66	24	36	6	☹
	DC180-05-03.200A1-	3,2		19	66	24	36	6	☹
	DC180-05-03.250A1-	3,25		19	66	24	36	6	☹
	DC180-05-03.300A1-	3,3		19	66	24	36	6	☹
	DC180-05-03.400A1-	3,4		19	66	24	36	6	☹
	DC180-05-03.500A1-	3,5		19	66	24	36	6	☹
	DC180-05-03.572A1-	3,572	9/64"	19	66	24	36	6	☹
	DC180-05-03.600A1-	3,6		19	66	24	36	6	☹
	DC180-05-03.700A1-	3,7		19	66	24	36	6	☹
	DC180-05-03.800A1-	3,8		29	74	36	36	6	☹
	DC180-05-03.900A1-	3,9		29	74	36	36	6	☹
	DC180-05-03.969A1-	3,969	5/32"	29	74	36	36	6	☹
	DC180-05-04.000A1-	4		29	74	36	36	6	☹
	DC180-05-04.100A1-	4,1		29	74	36	36	6	☹
	DC180-05-04.200A1-	4,2		29	74	36	36	6	☹
	DC180-05-04.300A1-	4,3		29	74	36	36	6	☹
	DC180-05-04.366A1-	4,366	11/64"	29	74	36	36	6	☹
	DC180-05-04.400A1-	4,4		29	74	36	36	6	☹
	DC180-05-04.500A1-	4,5		29	74	36	36	6	☹
	DC180-05-04.600A1-	4,6		29	74	36	36	6	☹
	DC180-05-04.650A1-	4,65		29	74	36	36	6	☹
	DC180-05-04.700A1-	4,7		29	74	36	36	6	☹
	DC180-05-04.763A1-	4,763	3/16"	35	82	44	36	6	☹
	DC180-05-04.800A1-	4,8		35	82	44	36	6	☹
	DC180-05-04.900A1-	4,9		35	82	44	36	6	☹
	DC180-05-05.000A1-	5		35	82	44	36	6	☹
	DC180-05-05.100A1-	5,1		35	82	44	36	6	☹
	DC180-05-05.159A1-	5,159	13/64"	35	82	44	36	6	☹
	DC180-05-05.200A1-	5,2		35	82	44	36	6	☹
	DC180-05-05.300A1-	5,3		35	82	44	36	6	☹
	DC180-05-05.400A1-	5,4		35	82	44	36	6	☹
	DC180-05-05.500A1-	5,5		35	82	44	36	6	☹
	DC180-05-05.550A1-	5,55		35	82	44	36	6	☹
	DC180-05-05.556A1-	5,556	7/32"	35	82	44	36	6	☹

Ordering example for the grade WJ30EZ: DC180-05-03.000A1-WJ30EZ

**WALTER
SELECT**

●● Primary application ● Other application
Best tool for → Good = ☺ → Average = ☹ → Poor = ☹ machining conditions

Tool		D _c mm	D _c Inch/Nr	L _c mm	l ₁ mm	l ₂ mm	l ₅ mm	d ₁ h6 mm	WJ30EZ
	Designation								
DIN 6535 HA	DC180-05-05.600A1-	5,6		35	82	44	36	6	☺
	DC180-05-05.700A1-	5,7		35	82	44	36	6	☺
	DC180-05-05.800A1-	5,8		35	82	44	36	6	☺
	DC180-05-05.900A1-	5,9		35	82	44	36	6	☺
	DC180-05-05.953A1-	5,953	15/64"	35	82	44	36	6	☺
	DC180-05-06.000A1-	6		35	82	44	36	6	☺
	DC180-05-06.100A1-	6,1		43	91	53	36	8	☺
	DC180-05-06.200A1-	6,2		43	91	53	36	8	☺
	DC180-05-06.300A1-	6,3		43	91	53	36	8	☺
	DC180-05-06.350A1-	6,350	1/4"	43	91	53	36	8	☺
	DC180-05-06.400A1-	6,4		43	91	53	36	8	☺
	DC180-05-06.500A1-	6,5		43	91	53	36	8	☺
	DC180-05-06.600A1-	6,6		43	91	53	36	8	☺
	DC180-05-06.700A1-	6,7		43	91	53	36	8	☺
	DC180-05-06.747A1-	6,747	17/64"	43	91	53	36	8	☺
	DC180-05-06.800A1-	6,8		43	91	53	36	8	☺
	DC180-05-06.900A1-	6,9		43	91	53	36	8	☺
	DC180-05-07.000A1-	7		43	91	53	36	8	☺
	DC180-05-07.100A1-	7,1		43	91	53	36	8	☺
	DC180-05-07.144A1-	7,144	9/32"	43	91	53	36	8	☺
	DC180-05-07.200A1-	7,2		43	91	53	36	8	☺
	DC180-05-07.300A1-	7,3		43	91	53	36	8	☺
	DC180-05-07.400A1-	7,4		43	91	53	36	8	☺
	DC180-05-07.500A1-	7,5		43	91	53	36	8	☺
	DC180-05-07.541A1-	7,541	19/64"	43	91	53	36	8	☺
	DC180-05-07.800A1-	7,8		43	91	53	36	8	☺
	DC180-05-07.900A1-	7,9		43	91	53	36	8	☺
	DC180-05-07.938A1-	7,938	5/16"	43	91	53	36	8	☺
	DC180-05-08.000A1-	8		43	91	53	36	8	☺
	DC180-05-08.100A1-	8,1		49	103	61	40	10	☺
	DC180-05-08.200A1-	8,2		49	103	61	40	10	☺
	DC180-05-08.300A1-	8,3		49	103	61	40	10	☺
	DC180-05-08.334A1-	8,334	21/64"	49	103	61	40	10	☺
	DC180-05-08.400A1-	8,4		49	103	61	40	10	☺
	DC180-05-08.500A1-	8,5		49	103	61	40	10	☺
	DC180-05-08.600A1-	8,6		49	103	61	40	10	☺
	DC180-05-08.700A1-	8,7		49	103	61	40	10	☺
	DC180-05-08.731A1-	8,731	11/32"	49	103	61	40	10	☺
	DC180-05-08.750A1-	8,75		49	103	61	40	10	☺
	DC180-05-08.800A1-	8,8		49	103	61	40	10	☺
	DC180-05-09.000A1-	9		49	103	61	40	10	☺
	DC180-05-09.128A1-	9,128	23/64"	49	103	61	40	10	☺
	DC180-05-09.200A1-	9,2		49	103	61	40	10	☺
	DC180-05-09.300A1-	9,3		49	103	61	40	10	☺
	DC180-05-09.500A1-	9,5		49	103	61	40	10	☺
	DC180-05-09.525A1-	9,525	3/8"	49	103	61	40	10	☺

Ordering example for the grade WJ30EZ: DC180-05-03.000A1-WJ30EZ

WALTER
SELECT

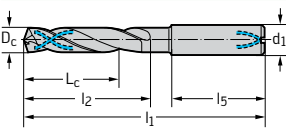
● ● Primary application ● Other application
 Best tool for → Good = ☺ → Average = ☹ → Poor = ☹ machining conditions

Tool	Designation	D _c m7 mm	D _c inch/Nr	L _c mm	l ₁ mm	l ₂ mm	l ₅ mm	d ₁ h6 mm	WJ30EZ
	DC180-05-09.600A1-	9,6		49	103	61	40	10	☹
	DC180-05-09.700A1-	9,7		49	103	61	40	10	☹
	DC180-05-09.800A1-	9,8		49	103	61	40	10	☹
	DC180-05-09.900A1-	9,9		49	103	61	40	10	☹
DIN 6535 HA	DC180-05-09.922A1-	9,922	25/64"	49	103	61	40	10	☹
	DC180-05-10.000A1-	10		49	103	61	40	10	☹
	DC180-05-10.100A1-	10,1		56	118	71	45	12	☹
	DC180-05-10.200A1-	10,2		56	118	71	45	12	☹
B1	DC180-05-10.300A1-	10,3		56	118	71	45	12	☹
	DC180-05-10.319A1-	10,319	13/32"	56	118	71	45	12	☹
	DC180-05-10.400A1-	10,4		56	118	71	45	12	☹
	DC180-05-10.500A1-	10,5		56	118	71	45	12	☹
	DC180-05-10.716A1-	10,716	27/64"	56	118	71	45	12	☹
	DC180-05-10.800A1-	10,8		56	118	71	45	12	☹
	DC180-05-11.000A1-	11		56	118	71	45	12	☹
	DC180-05-11.100A1-	11,1		56	118	71	45	12	☹
	DC180-05-11.113A1-	11,113	7/16"	56	118	71	45	12	☹
	DC180-05-11.200A1-	11,2		56	118	71	45	12	☹
	DC180-05-11.300A1-	11,3		56	118	71	45	12	☹
	DC180-05-11.400A1-	11,4		56	118	71	45	12	☹
	DC180-05-11.500A1-	11,5		56	118	71	45	12	☹
	DC180-05-11.509A1-	11,509	29/64"	56	118	71	45	12	☹
	DC180-05-11.700A1-	11,7		56	118	71	45	12	☹
	DC180-05-11.800A1-	11,8		56	118	71	45	12	☹
	DC180-05-11.906A1-	11,906	15/32"	56	118	71	45	12	☹
	DC180-05-12.000A1-	12		56	118	71	45	12	☹
	DC180-05-12.100A1-	12,1		60	124	77	45	14	☹
	DC180-05-12.200A1-	12,2		60	124	77	45	14	☹
	DC180-05-12.300A1-	12,3		60	124	77	45	14	☹
	DC180-05-12.303A1-	12,303	31/64"	60	124	77	45	14	☹
	DC180-05-12.500A1-	12,5		60	124	77	45	14	☹
	DC180-05-12.600A1-	12,6		60	124	77	45	14	☹
	DC180-05-12.700A1-	12,700	1/2"	60	124	77	45	14	☹
	DC180-05-13.000A1-	13		60	124	77	45	14	☹
	DC180-05-13.100A1-	13,1		60	124	77	45	14	☹
	DC180-05-13.300A1-	13,3		60	124	77	45	14	☹
	DC180-05-13.494A1-	13,494	17/32"	60	124	77	45	14	☹
	DC180-05-13.500A1-	13,5		60	124	77	45	14	☹
	DC180-05-14.000A1-	14		60	124	77	45	14	☹
	DC180-05-14.288A1-	14,288	9/16"	63	133	83	48	16	☹
	DC180-05-14.500A1-	14,5		63	133	83	48	16	☹
	DC180-05-15.000A1-	15		63	133	83	48	16	☹
	DC180-05-15.100A1-	15,1		63	133	83	48	16	☹
	DC180-05-15.300A1-	15,3		63	133	83	48	16	☹
	DC180-05-15.500A1-	15,5		63	133	83	48	16	☹
	DC180-05-15.875A1-	15,875	5/8"	63	133	83	48	16	☹

Ordering example for the grade WJ30EZ: DC180-05-03.000A1-WJ30EZ

WALTER
SELECT

● ● Primary application ● Other application
Best tool for → Good = ☺ → Average = ☹ → Poor = ☹ machining conditions

Tool		D _c mm	D _c Inch/Nr	L _c mm	l ₁ mm	l ₂ mm	l ₅ mm	d ₁ h6 mm	WJ30EZ
 DIN 6535 HA	Designation								
	DC180-05-16.000A1-	16		63	133	83	48	16	☺
	DC180-05-16.500A1-	16,5		71	143	93	48	18	☺
	DC180-05-17.000A1-	17		71	143	93	48	18	☺
	DC180-05-17.500A1-	17,5		71	143	93	48	18	☺
	DC180-05-18.000A1-	18		71	143	93	48	18	☺
	DC180-05-18.500A1-	18,5		77	153	101	50	20	☺
	DC180-05-19.000A1-	19		77	153	101	50	20	☺
	DC180-05-19.050A1-	19,050	3/4"	77	153	101	50	20	☺
	DC180-05-20.000A1-	20		77	153	101	50	20	☺

Ordering example for the grade WJ30EZ: DC180-05-03.000A1-WJ30EZ

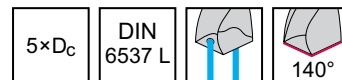
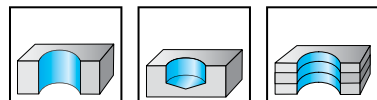
B1

Solid carbide twist drill

DC175 Supreme



– Walter Precision cooling



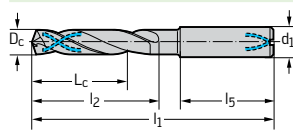
	P	M	K	N	S	H	O
WJ30RZ	●	●●	●	●	●●	●	●

Tool	Designation	D _c mm	D _c Inch/Nr	L _c mm	l ₁ mm	l ₂ mm	l ₅ mm	d ₁ h6 mm	WJ30RZ
DIN 6535 HA	DC175-05-03.000A1-	3		19	66	24	36	6	●●
	DC175-05-03.100A1-	3,1		19	66	24	36	6	●●
	DC175-05-03.175A1-	3,175	1/8"	19	66	24	36	6	●●
	DC175-05-03.200A1-	3,2		19	66	24	36	6	●●
	DC175-05-03.250A1-	3,25		19	66	24	36	6	●●
	DC175-05-03.300A1-	3,3		19	66	24	36	6	●●
	DC175-05-03.400A1-	3,4		19	66	24	36	6	●●
	DC175-05-03.500A1-	3,5		19	66	24	36	6	●●
	DC175-05-03.572A1-	3,572	9/64"	19	66	24	36	6	●●
	DC175-05-03.600A1-	3,6		19	66	24	36	6	●●
	DC175-05-03.700A1-	3,7		19	66	24	36	6	●●
	DC175-05-03.800A1-	3,8		29	74	36	36	6	●●
	DC175-05-03.900A1-	3,9		29	74	36	36	6	●●
	DC175-05-03.969A1-	3,969	5/32"	29	74	36	36	6	●●
	DC175-05-04.000A1-	4		29	74	36	36	6	●●
	DC175-05-04.100A1-	4,1		29	74	36	36	6	●●
	DC175-05-04.200A1-	4,2		29	74	36	36	6	●●
	DC175-05-04.300A1-	4,3		29	74	36	36	6	●●
	DC175-05-04.366A1-	4,366	11/64"	29	74	36	36	6	●●
	DC175-05-04.400A1-	4,4		29	74	36	36	6	●●
	DC175-05-04.500A1-	4,5		29	74	36	36	6	●●
	DC175-05-04.600A1-	4,6		29	74	36	36	6	●●
	DC175-05-04.650A1-	4,65		29	74	36	36	6	●●
	DC175-05-04.700A1-	4,7		29	74	36	36	6	●●
	DC175-05-04.763A1-	4,763	3/16"	35	82	44	36	6	●●
	DC175-05-04.800A1-	4,8		35	82	44	36	6	●●
	DC175-05-04.900A1-	4,9		35	82	44	36	6	●●
	DC175-05-05.000A1-	5		35	82	44	36	6	●●
	DC175-05-05.100A1-	5,1		35	82	44	36	6	●●
	DC175-05-05.159A1-	5,159	13/64"	35	82	44	36	6	●●
	DC175-05-05.200A1-	5,2		35	82	44	36	6	●●
	DC175-05-05.300A1-	5,3		35	82	44	36	6	●●
	DC175-05-05.400A1-	5,4		35	82	44	36	6	●●
	DC175-05-05.500A1-	5,5		35	82	44	36	6	●●
	DC175-05-05.550A1-	5,55		35	82	44	36	6	●●

With diameters of 3–3.75, overall length in accordance with DIN 6537 L, flutes shortened compared to DIN 6537 L | Ordering example for the grade WJ30RZ: DC175-05-03.000A1-WJ30RZ

**WALTER
SELECT**

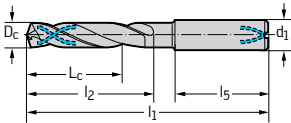
●● Primary application ● Other application
Best tool for → Good = 😊 → Average = 😐 → Poor = 😞 machining conditions

Tool	Designation	D _c m7 mm	D _c Inch/Nr	L _c mm	l ₁ mm	l ₂ mm	l ₅ mm	d ₁ h6 mm	WJ30RZ
	DC175-05-05.556A1-	5,556	7/32"	35	82	44	36	6	
	DC175-05-05.600A1-	5,6		35	82	44	36	6	
	DC175-05-05.700A1-	5,7		35	82	44	36	6	
	DC175-05-05.800A1-	5,8		35	82	44	36	6	
DIN 6535 HA	DC175-05-05.900A1-	5,9		35	82	44	36	6	
	DC175-05-05.953A1-	5,953	15/64"	35	82	44	36	6	
	DC175-05-06.000A1-	6		35	82	44	36	6	
	DC175-05-06.100A1-	6,1		43	91	53	36	8	
	DC175-05-06.200A1-	6,2		43	91	53	36	8	
	DC175-05-06.300A1-	6,3		43	91	53	36	8	
	DC175-05-06.350A1-	6,350	1/4"	43	91	53	36	8	
	DC175-05-06.400A1-	6,4		43	91	53	36	8	
	DC175-05-06.500A1-	6,5		43	91	53	36	8	
	DC175-05-06.600A1-	6,6		43	91	53	36	8	
	DC175-05-06.700A1-	6,7		43	91	53	36	8	
	DC175-05-06.747A1-	6,747	17/64"	43	91	53	36	8	
	DC175-05-06.800A1-	6,8		43	91	53	36	8	
	DC175-05-06.900A1-	6,9		43	91	53	36	8	
	DC175-05-07.000A1-	7		43	91	53	36	8	
	DC175-05-07.100A1-	7,1		43	91	53	36	8	
	DC175-05-07.144A1-	7,144	9/32"	43	91	53	36	8	
	DC175-05-07.200A1-	7,2		43	91	53	36	8	
	DC175-05-07.300A1-	7,3		43	91	53	36	8	
	DC175-05-07.400A1-	7,4		43	91	53	36	8	
	DC175-05-07.500A1-	7,5		43	91	53	36	8	
	DC175-05-07.541A1-	7,541	19/64"	43	91	53	36	8	
	DC175-05-07.600A1-	7,6		43	91	53	36	8	
	DC175-05-07.700A1-	7,7		43	91	53	36	8	
	DC175-05-07.800A1-	7,8		43	91	53	36	8	
	DC175-05-07.900A1-	7,9		43	91	53	36	8	
	DC175-05-07.938A1-	7,938	5/16"	43	91	53	36	8	
	DC175-05-08.000A1-	8		43	91	53	36	8	
	DC175-05-08.100A1-	8,1		49	103	61	40	10	
	DC175-05-08.200A1-	8,2		49	103	61	40	10	
	DC175-05-08.300A1-	8,3		49	103	61	40	10	
	DC175-05-08.334A1-	8,334	21/64"	49	103	61	40	10	
	DC175-05-08.400A1-	8,4		49	103	61	40	10	
	DC175-05-08.500A1-	8,5		49	103	61	40	10	
	DC175-05-08.600A1-	8,6		49	103	61	40	10	
	DC175-05-08.700A1-	8,7		49	103	61	40	10	
	DC175-05-08.731A1-	8,731	11/32"	49	103	61	40	10	
	DC175-05-08.800A1-	8,8		49	103	61	40	10	
	DC175-05-08.900A1-	8,9		49	103	61	40	10	
	DC175-05-09.000A1-	9		49	103	61	40	10	
	DC175-05-09.100A1-	9,1		49	103	61	40	10	

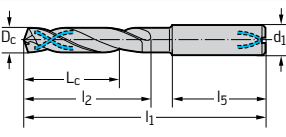
With diameters of 3–3.75, overall length in accordance with DIN 6537 L, flutes shortened compared to DIN 6537 L | Ordering example for the grade WJ30RZ: DC175-05-03.000A1-WJ30RZ

**WALTER
SELECT**

● ● Primary application ● Other application
Best tool for → Good = ☺ → Average = ☹ → Poor = ☹ machining conditions

Tool	Designation	D _c m7 mm	D _c Inch/Nr	L _c mm	l ₁ mm	l ₂ mm	l ₅ mm	d ₁ h6 mm	WJ30RZ
	DC175-05-09.128A1-	9,128	23/64"	49	103	61	40	10	☹
	DC175-05-09.200A1-	9,2		49	103	61	40	10	☹
	DC175-05-09.300A1-	9,3		49	103	61	40	10	☹
	DC175-05-09.400A1-	9,4		49	103	61	40	10	☹
DIN 6535 HA	DC175-05-09.500A1-	9,5		49	103	61	40	10	☹
	DC175-05-09.525A1-	9,525	3/8"	49	103	61	40	10	☹
	DC175-05-09.600A1-	9,6		49	103	61	40	10	☹
	DC175-05-09.700A1-	9,7		49	103	61	40	10	☹
	DC175-05-09.800A1-	9,8		49	103	61	40	10	☹
	DC175-05-09.900A1-	9,9		49	103	61	40	10	☹
	DC175-05-09.922A1-	9,922	25/64"	49	103	61	40	10	☹
	DC175-05-10.000A1-	10		49	103	61	40	10	☹
	DC175-05-10.100A1-	10,1		56	118	71	45	12	☹
	DC175-05-10.200A1-	10,2		56	118	71	45	12	☹
	DC175-05-10.300A1-	10,3		56	118	71	45	12	☹
	DC175-05-10.319A1-	10,319	13/32"	56	118	71	45	12	☹
	DC175-05-10.400A1-	10,4		56	118	71	45	12	☹
	DC175-05-10.500A1-	10,5		56	118	71	45	12	☹
	DC175-05-10.600A1-	10,6		56	118	71	45	12	☹
	DC175-05-10.700A1-	10,7		56	118	71	45	12	☹
	DC175-05-10.716A1-	10,716	27/64"	56	118	71	45	12	☹
	DC175-05-10.800A1-	10,8		56	118	71	45	12	☹
	DC175-05-10.900A1-	10,9		56	118	71	45	12	☹
	DC175-05-11.000A1-	11		56	118	71	45	12	☹
	DC175-05-11.100A1-	11,1		56	118	71	45	12	☹
	DC175-05-11.113A1-	11,113	7/16"	56	118	71	45	12	☹
	DC175-05-11.200A1-	11,2		56	118	71	45	12	☹
	DC175-05-11.300A1-	11,3		56	118	71	45	12	☹
	DC175-05-11.400A1-	11,4		56	118	71	45	12	☹
	DC175-05-11.500A1-	11,5		56	118	71	45	12	☹
	DC175-05-11.509A1-	11,509	29/64"	56	118	71	45	12	☹
	DC175-05-11.600A1-	11,6		56	118	71	45	12	☹
	DC175-05-11.700A1-	11,7		56	118	71	45	12	☹
	DC175-05-11.800A1-	11,8		56	118	71	45	12	☹
	DC175-05-11.900A1-	11,9		56	118	71	45	12	☹
	DC175-05-12.000A1-	12		56	118	71	45	12	☹
	DC175-05-12.100A1-	12,1		60	124	77	45	14	☹
	DC175-05-12.200A1-	12,2		60	124	77	45	14	☹
	DC175-05-12.300A1-	12,3		60	124	77	45	14	☹
	DC175-05-12.303A1-	12,303	31/64"	60	124	77	45	14	☹
	DC175-05-12.500A1-	12,5		60	124	77	45	14	☹
	DC175-05-12.600A1-	12,6		60	124	77	45	14	☹
	DC175-05-12.700A1-	12,700	1/2"	60	124	77	45	14	☹
	DC175-05-12.800A1-	12,8		60	124	77	45	14	☹
	DC175-05-13.000A1-	13		60	124	77	45	14	☹

With diameters of 3–3.75, overall length in accordance with DIN 6537 L, flutes shortened compared to DIN 6537 L | Ordering example for the grade WJ30RZ: DC175-05-03.000A1-WJ30RZ

Tool		Designation	D _c mm	D _c Inch/Nr	L _c mm	l ₁ mm	l ₂ mm	l ₅ mm	d ₁ h6 mm	WJ30RZ
	DIN 6535 HA	DC175-05-13.100A1-	13,1		60	124	77	45	14	☺
		DC175-05-13.300A1-	13,3		60	124	77	45	14	☺
		DC175-05-13.494A1-	13,494	17/32"	60	124	77	45	14	☺
		DC175-05-13.500A1-	13,5		60	124	77	45	14	☺
		DC175-05-13.800A1-	13,8		60	124	77	45	14	☺
		DC175-05-14.000A1-	14		60	124	77	45	14	☺
		DC175-05-14.200A1-	14,2		63	133	83	48	16	☺
		DC175-05-14.288A1-	14,288	9/16"	63	133	83	48	16	☺
		DC175-05-14.400A1-	14,4		63	133	83	48	16	☺
		DC175-05-14.500A1-	14,5		63	133	83	48	16	☺
		DC175-05-14.800A1-	14,8		63	133	83	48	16	☺
		DC175-05-15.000A1-	15		63	133	83	48	16	☺
		DC175-05-15.100A1-	15,1		63	133	83	48	16	☺
		DC175-05-15.300A1-	15,3		63	133	83	48	16	☺
		DC175-05-15.500A1-	15,5		63	133	83	48	16	☺
		DC175-05-15.800A1-	15,8		63	133	83	48	16	☺
		DC175-05-15.875A1-	15,875	5/8"	63	133	83	48	16	☺
		DC175-05-16.000A1-	16		63	133	83	48	16	☺
		DC175-05-16.500A1-	16,5		71	143	93	48	18	☺
		DC175-05-17.000A1-	17		71	143	93	48	18	☺
		DC175-05-17.500A1-	17,5		71	143	93	48	18	☺
		DC175-05-18.000A1-	18		71	143	93	48	18	☺
		DC175-05-18.500A1-	18,5		77	153	101	50	20	☺
		DC175-05-19.000A1-	19		77	153	101	50	20	☺
		DC175-05-19.500A1-	19,5		77	153	101	50	20	☺
		DC175-05-20.000A1-	20		77	153	101	50	20	☺

With diameters of 3–3.75, overall length in accordance with DIN 6537 L, flutes shortened compared to DIN 6537 L | Ordering example for the grade WJ30RZ: DC175-05-03.000A1-WJ30RZ

B1

**WALTER
SELECT**

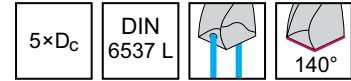
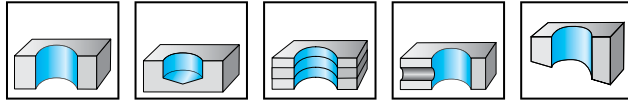
● ● Primary application ● Other application
Best tool for → Good = ☺ → Average = ☹ → Poor = ☹ machining conditions

Solid carbide drills with coolant-through

DC170 Supreme



B1



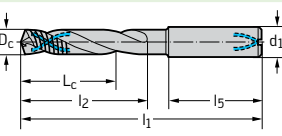
	P	M	K	N	S	H	O
WJ30EJ	●●		●●			●	

Tool	Designation	D _c mm	D _c Inch/Nr	L _c mm	l ₁ mm	l ₂ mm	l ₅ mm	d ₁ h6 mm	WJ30EJ
 DIN 6535 HA	DC170-05-03.000A1-	3		23	66	28	36	6	☹
	DC170-05-03.100A1-	3,1		23	66	28	36	6	☹
	DC170-05-03.175A1-	3,175	1/8"	23	66	28	36	6	☹
	DC170-05-03.200A1-	3,2		23	66	28	36	6	☹
	DC170-05-03.300A1-	3,3		23	66	28	36	6	☹
	DC170-05-03.400A1-	3,4		23	66	28	36	6	☹
	DC170-05-03.500A1-	3,5		23	66	28	36	6	☹
	DC170-05-03.600A1-	3,6		23	66	28	36	6	☹
	DC170-05-03.700A1-	3,7		23	66	28	36	6	☹
	DC170-05-03.800A1-	3,8		29	74	36	36	6	☹
	DC170-05-03.900A1-	3,9		29	74	36	36	6	☹
	DC170-05-03.969A1-	3,969	5/32"	29	74	36	36	6	☹
	DC170-05-04.000A1-	4		29	74	36	36	6	☹
	DC170-05-04.100A1-	4,1		29	74	36	36	6	☹
	DC170-05-04.200A1-	4,2		29	74	36	36	6	☹
	DC170-05-04.300A1-	4,3		29	74	36	36	6	☹
	DC170-05-04.366A1-	4,366	11/64"	29	74	36	36	6	☹
	DC170-05-04.400A1-	4,4		29	74	36	36	6	☹
	DC170-05-04.500A1-	4,5		29	74	36	36	6	☹
	DC170-05-04.600A1-	4,6		29	74	36	36	6	☹
	DC170-05-04.650A1-	4,65		29	74	36	36	6	☹
	DC170-05-04.700A1-	4,7		29	74	36	36	6	☹
	DC170-05-04.763A1-	4,763	3/16"	35	82	44	36	6	☹
	DC170-05-04.800A1-	4,8		35	82	44	36	6	☹
	DC170-05-04.900A1-	4,9		35	82	44	36	6	☹
	DC170-05-05.000A1-	5		35	82	44	36	6	☹
	DC170-05-05.100A1-	5,1		35	82	44	36	6	☹
	DC170-05-05.159A1-	5,159	13/64"	35	82	44	36	6	☹
	DC170-05-05.200A1-	5,2		35	82	44	36	6	☹
	DC170-05-05.300A1-	5,3		35	82	44	36	6	☹
	DC170-05-05.500A1-	5,5		35	82	44	36	6	☹
	DC170-05-05.550A1-	5,55		35	82	44	36	6	☹
	DC170-05-05.556A1-	5,556	7/32"	35	82	44	36	6	☹
	DC170-05-05.600A1-	5,6		35	82	44	36	6	☹
	DC170-05-05.700A1-	5,7		35	82	44	36	6	☹
	DC170-05-05.800A1-	5,8		35	82	44	36	6	☹

Ordering example for the grade WJ30EJ: DC170-05-03.000A1-WJ30EJ

WALTER
SELECT

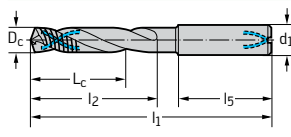
●● Primary application ● Other application
Best tool for → Good = ☺ → Average = ☹ → Poor = ☹ machining conditions

Tool	Designation	D _c m7 mm	D _c Inch/Nr	L _c mm	l ₁ mm	l ₂ mm	l ₅ mm	d ₁ h6 mm	WJ30EJ
 DIN 6535 HA	DC170-05-05.900A1-	5,9		35	82	44	36	6	
	DC170-05-05.953A1-	5,953	15/64"	35	82	44	36	6	
	DC170-05-06.000A1-	6		35	82	44	36	6	
	DC170-05-06.100A1-	6,1		43	91	53	36	8	
	DC170-05-06.200A1-	6,2		43	91	53	36	8	
	DC170-05-06.300A1-	6,3		43	91	53	36	8	
	DC170-05-06.350A1-	6,350	1/4"	43	91	53	36	8	
	DC170-05-06.400A1-	6,4		43	91	53	36	8	
	DC170-05-06.500A1-	6,5		43	91	53	36	8	
	DC170-05-06.600A1-	6,6		43	91	53	36	8	
	DC170-05-06.700A1-	6,7		43	91	53	36	8	
	DC170-05-06.747A1-	6,747	17/64"	43	91	53	36	8	
	DC170-05-06.800A1-	6,8		43	91	53	36	8	
	DC170-05-06.900A1-	6,9		43	91	53	36	8	
	DC170-05-07.000A1-	7		43	91	53	36	8	
	DC170-05-07.100A1-	7,1		43	91	53	36	8	
	DC170-05-07.144A1-	7,144	9/32"	43	91	53	36	8	
	DC170-05-07.200A1-	7,2		43	91	53	36	8	
	DC170-05-07.300A1-	7,3		43	91	53	36	8	
	DC170-05-07.400A1-	7,4		43	91	53	36	8	
	DC170-05-07.500A1-	7,5		43	91	53	36	8	
	DC170-05-07.800A1-	7,8		43	91	53	36	8	
	DC170-05-07.900A1-	7,9		43	91	53	36	8	
	DC170-05-07.938A1-	7,938	5/16"	43	91	53	36	8	
	DC170-05-08.000A1-	8		43	91	53	36	8	
	DC170-05-08.100A1-	8,1		49	103	61	40	10	
	DC170-05-08.200A1-	8,2		49	103	61	40	10	
	DC170-05-08.300A1-	8,3		49	103	61	40	10	
	DC170-05-08.334A1-	8,334	21/64"	49	103	61	40	10	
	DC170-05-08.400A1-	8,4		49	103	61	40	10	
	DC170-05-08.500A1-	8,5		49	103	61	40	10	
	DC170-05-08.600A1-	8,6		49	103	61	40	10	
	DC170-05-08.700A1-	8,7		49	103	61	40	10	
	DC170-05-08.731A1-	8,731	11/32"	49	103	61	40	10	
	DC170-05-08.800A1-	8,8		49	103	61	40	10	
	DC170-05-09.000A1-	9		49	103	61	40	10	
	DC170-05-09.128A1-	9,128	23/64"	49	103	61	40	10	
	DC170-05-09.200A1-	9,2		49	103	61	40	10	
	DC170-05-09.300A1-	9,3		49	103	61	40	10	
	DC170-05-09.500A1-	9,5		49	103	61	40	10	
DC170-05-09.525A1-	9,525	3/8"	49	103	61	40	10		
DC170-05-09.600A1-	9,6		49	103	61	40	10		
DC170-05-09.700A1-	9,7		49	103	61	40	10		
DC170-05-09.800A1-	9,8		49	103	61	40	10		
DC170-05-09.900A1-	9,9		49	103	61	40	10		
DC170-05-10.000A1-	10		49	103	61	40	10		

Ordering example for the grade WJ30EJ: DC170-05-03.000A1-WJ30EJ

WALTER
SELECT

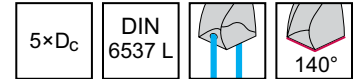
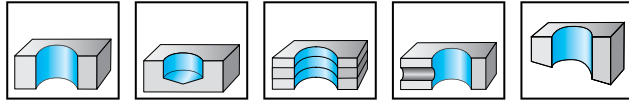
● ● Primary application ● Other application
 Best tool for → Good = ☺ → Average = ☹ → Poor = ☹ machining conditions

Tool		D _c m7 mm	D _c Inch/Nr	L _c mm	l ₁ mm	l ₂ mm	l ₅ mm	d ₁ h6 mm	WJ30EJ
	Designation								
DIN 6535 HA	DC170-05-10.100A1-	10,1		56	118	71	45	12	☹
	DC170-05-10.200A1-	10,2		56	118	71	45	12	☹
	DC170-05-10.300A1-	10,3		56	118	71	45	12	☹
	DC170-05-10.319A1-	10,319	13/32"	56	118	71	45	12	☹
	DC170-05-10.400A1-	10,4		56	118	71	45	12	☹
	DC170-05-10.500A1-	10,5		56	118	71	45	12	☹
	DC170-05-10.716A1-	10,716	27/64"	56	118	71	45	12	☹
	DC170-05-10.800A1-	10,8		56	118	71	45	12	☹
	DC170-05-11.000A1-	11		56	118	71	45	12	☹
	DC170-05-11.100A1-	11,1		56	118	71	45	12	☹
	DC170-05-11.113A1-	11,113	7/16"	56	118	71	45	12	☹
	DC170-05-11.200A1-	11,2		56	118	71	45	12	☹
	DC170-05-11.500A1-	11,5		56	118	71	45	12	☹
	DC170-05-11.509A1-	11,509	29/64"	56	118	71	45	12	☹
	DC170-05-11.800A1-	11,8		56	118	71	45	12	☹
	DC170-05-11.906A1-	11,906	15/32"	56	118	71	45	12	☹
	DC170-05-12.000A1-	12		56	118	71	45	12	☹
	DC170-05-12.100A1-	12,1		60	124	77	45	14	☹
	DC170-05-12.200A1-	12,2		60	124	77	45	14	☹
	DC170-05-12.300A1-	12,3		60	124	77	45	14	☹
	DC170-05-12.303A1-	12,303	31/64"	60	124	77	45	14	☹
	DC170-05-12.500A1-	12,5		60	124	77	45	14	☹
	DC170-05-12.700A1-	12,700	1/2"	60	124	77	45	14	☹
	DC170-05-13.000A1-	13		60	124	77	45	14	☹
	DC170-05-13.300A1-	13,3		60	124	77	45	14	☹
	DC170-05-13.494A1-	13,494	17/32"	60	124	77	45	14	☹
	DC170-05-13.500A1-	13,5		60	124	77	45	14	☹
	DC170-05-14.000A1-	14		60	124	77	45	14	☹
	DC170-05-14.288A1-	14,288	9/16"	63	133	83	48	16	☹
	DC170-05-14.500A1-	14,5		63	133	83	48	16	☹
	DC170-05-15.000A1-	15		63	133	83	48	16	☹
	DC170-05-15.500A1-	15,5		63	133	83	48	16	☹
	DC170-05-15.875A1-	15,875	5/8"	63	133	83	48	16	☹
	DC170-05-16.000A1-	16		63	133	83	48	16	☹
	DC170-05-16.500A1-	16,5		71	143	93	48	18	☹
	DC170-05-17.000A1-	17		71	143	93	48	18	☹
	DC170-05-17.500A1-	17,5		71	143	93	48	18	☹
	DC170-05-18.000A1-	18		71	143	93	48	18	☹
	DC170-05-18.500A1-	18,5		77	153	101	50	20	☹
	DC170-05-19.000A1-	19		77	153	101	50	20	☹
	DC170-05-19.050A1-	19,050	3/4"	77	153	101	50	20	☹
	DC170-05-20.000A1-	20		77	153	101	50	20	☹

Ordering example for the grade WJ30EJ: DC170-05-03.000A1-WJ30EJ

Solid carbide twist drill

DC166 Supreme



	P	M	K	N	S	H	O
WJ30UU				●●			

B1

Tool	Designation	D _c m7 mm	L _c mm	l ₁ mm	l ₂ mm	l ₅ mm	d ₁ h6 mm	WJ30UU
 DIN 6535 HA	DC166-05-03.000A1-	3	23	66	28	36	6	☺
	DC166-05-04.000A1-	4	29	74	36	36	6	☺
	DC166-05-04.200A1-	4,2	29	74	36	36	6	☺
	DC166-05-05.000A1-	5	35	82	44	36	6	☺
	DC166-05-06.000A1-	6	35	82	44	36	6	☺
	DC166-05-06.800A1-	6,8	43	91	53	36	8	☺
	DC166-05-07.500A1-	7,5	43	91	53	36	8	☺
	DC166-05-08.000A1-	8	43	91	53	36	8	☺
	DC166-05-08.500A1-	8,5	49	103	61	40	10	☺
	DC166-05-09.300A1-	9,3	49	103	61	40	10	☺
	DC166-05-10.000A1-	10	49	103	61	40	10	☺
	DC166-05-10.200A1-	10,2	56	118	71	45	12	☺
	DC166-05-12.000A1-	12	56	118	71	45	12	☺

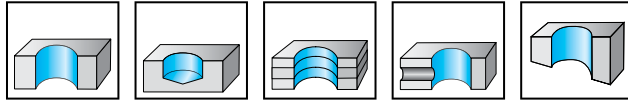
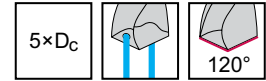
Ordering example for the grade WJ30UU: DC166-05-03.000A1-WJ30UU

**WALTER
SELECT**

●● Primary application ● Other application
 Best tool for → Good = ☺ → Average = ☹ → Poor = ☹ machining conditions

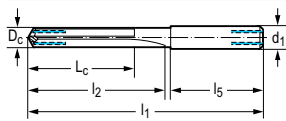
Solid carbide drills with coolant-through, straight groove

DC165 Advance



	P	M	K	N	S	H	O
WJ30UU			●●	●●			

Tool



DIN 6535 HA

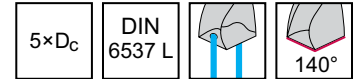
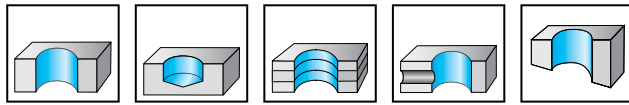
Designation	D _c k6 mm	L _c mm	l ₁ mm	l ₂ mm	l ₅ mm	d ₁ mm	WJ30UU
DC165-05-04.000A1-	4	16	74	31	36	6	☺
DC165-05-05.000A1-	5	22	82	40	36	6	☺
DC165-05-06.000A1-	6	22	82	40	36	6	☺
DC165-05-08.000A1-	8	29	91	49	36	8	☺
DC165-05-08.500A1-	8,5	37	103	57	40	10	☺
DC165-05-10.000A1-	10	37	103	57	40	10	☺
DC165-05-10.200A1-	10,2	43	118	67	45	12	☺
DC165-05-11.000A1-	11	43	118	67	45	12	☺
DC165-05-12.000A1-	12	43	118	67	45	12	☺
DC165-05-14.000A1-	14	45	124	73	45	14	☺
DC165-05-15.000A1-	15	55	133	79	48	16	☺
DC165-05-16.000A1-	16	55	133	79	48	16	☺

Ordering example for the grade WJ30UU: DC165-05-04.000A1-WJ30UU

Solid carbide drills with coolant-through

DC160 Advance

X-treme Evo



	P	M	K	N	S	H	O
WJ30ET	●●	●	●●	●●	●●	●	●

B1

Tool	Designation	D _c mm	D _c Inch/Nr	L _c mm	l ₁ mm	l ₂ mm	l ₅ mm	d ₁ h6 mm	WJ30ET
 DIN 6535 HA	DC160-05-03.000A1-	3		23	66	28	36	6	☺
	DC160-05-03.100A1-	3,1		23	66	28	36	6	☺
	DC160-05-03.175A1-	3,175	1/8"	23	66	28	36	6	☺
	DC160-05-03.200A1-	3,2		23	66	28	36	6	☺
	DC160-05-03.250A1-	3,25		23	66	28	36	6	☺
	DC160-05-03.300A1-	3,3		23	66	28	36	6	☺
	DC160-05-03.400A1-	3,4		23	66	28	36	6	☺
	DC160-05-03.500A1-	3,5		23	66	28	36	6	☺
	DC160-05-03.572A1-	3,572	9/64"	23	66	28	36	6	☺
	DC160-05-03.600A1-	3,6		23	66	28	36	6	☺
	DC160-05-03.650A1-	3,65		23	66	28	36	6	☺
	DC160-05-03.700A1-	3,7		23	66	28	36	6	☺
	DC160-05-03.800A1-	3,8		29	74	36	36	6	☺
	DC160-05-03.900A1-	3,9		29	74	36	36	6	☺
	DC160-05-03.969A1-	3,969	5/32"	29	74	36	36	6	☺
	DC160-05-04.000A1-	4		29	74	36	36	6	☺
	DC160-05-04.100A1-	4,1		29	74	36	36	6	☺
	DC160-05-04.200A1-	4,2		29	74	36	36	6	☺
	DC160-05-04.300A1-	4,3		29	74	36	36	6	☺
	DC160-05-04.366A1-	4,366	11/64"	29	74	36	36	6	☺
	DC160-05-04.400A1-	4,4		29	74	36	36	6	☺
	DC160-05-04.500A1-	4,5		29	74	36	36	6	☺
	DC160-05-04.600A1-	4,6		29	74	36	36	6	☺
	DC160-05-04.650A1-	4,65		29	74	36	36	6	☺
	DC160-05-04.700A1-	4,7		29	74	36	36	6	☺
	DC160-05-04.763A1-	4,763	3/16"	35	82	44	36	6	☺
	DC160-05-04.800A1-	4,8		35	82	44	36	6	☺
	DC160-05-04.900A1-	4,9		35	82	44	36	6	☺
	DC160-05-05.000A1-	5		35	82	44	36	6	☺
	DC160-05-05.100A1-	5,1		35	82	44	36	6	☺
	DC160-05-05.159A1-	5,159	13/64"	35	82	44	36	6	☺
	DC160-05-05.200A1-	5,2		35	82	44	36	6	☺
	DC160-05-05.300A1-	5,3		35	82	44	36	6	☺
	DC160-05-05.400A1-	5,4		35	82	44	36	6	☺
	DC160-05-05.500A1-	5,5		35	82	44	36	6	☺
	DC160-05-05.550A1-	5,55		35	82	44	36	6	☺

Ordering example for the grade WJ30ET: DC160-05-03.000A1-WJ30ET

**WALTER
SELECT**

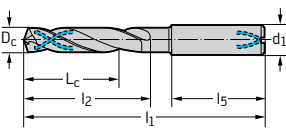
●● Primary application ● Other application
 Best tool for → Good = ☺ → Average = ☹ → Poor = ☹ machining conditions

Tool	Designation	D _c m7 mm	D _c Inch/Nr	L _c mm	l ₁ mm	l ₂ mm	l ₅ mm	d ₁ h6 mm	WJ30ET
	DC160-05-05.556A1-	5,556	7/32"	35	82	44	36	6	☹
	DC160-05-05.600A1-	5,6		35	82	44	36	6	☹
	DC160-05-05.700A1-	5,7		35	82	44	36	6	☹
	DC160-05-05.800A1-	5,8		35	82	44	36	6	☹
	DC160-05-05.900A1-	5,9		35	82	44	36	6	☹
	DC160-05-05.953A1-	5,953	15/64"	35	82	44	36	6	☹
	DC160-05-06.000A1-	6		35	82	44	36	6	☹
	DC160-05-06.100A1-	6,1		43	91	53	36	8	☹
	DC160-05-06.200A1-	6,2		43	91	53	36	8	☹
	DC160-05-06.300A1-	6,3		43	91	53	36	8	☹
	DC160-05-06.350A1-	6,350	1/4"	43	91	53	36	8	☹
	DC160-05-06.400A1-	6,4		43	91	53	36	8	☹
	DC160-05-06.500A1-	6,5		43	91	53	36	8	☹
	DC160-05-06.600A1-	6,6		43	91	53	36	8	☹
	DC160-05-06.700A1-	6,7		43	91	53	36	8	☹
	DC160-05-06.747A1-	6,747	17/64"	43	91	53	36	8	☹
	DC160-05-06.800A1-	6,8		43	91	53	36	8	☹
	DC160-05-06.900A1-	6,9		43	91	53	36	8	☹
	DC160-05-07.000A1-	7		43	91	53	36	8	☹
	DC160-05-07.100A1-	7,1		43	91	53	36	8	☹
	DC160-05-07.144A1-	7,144	9/32"	43	91	53	36	8	☹
	DC160-05-07.200A1-	7,2		43	91	53	36	8	☹
	DC160-05-07.300A1-	7,3		43	91	53	36	8	☹
	DC160-05-07.400A1-	7,4		43	91	53	36	8	☹
	DC160-05-07.500A1-	7,5		43	91	53	36	8	☹
	DC160-05-07.541A1-	7,541	19/64"	43	91	53	36	8	☹
	DC160-05-07.550A1-	7,55		43	91	53	36	8	☹
	DC160-05-07.600A1-	7,6		43	91	53	36	8	☹
	DC160-05-07.700A1-	7,7		43	91	53	36	8	☹
	DC160-05-07.800A1-	7,8		43	91	53	36	8	☹
	DC160-05-07.900A1-	7,9		43	91	53	36	8	☹
	DC160-05-07.938A1-	7,938	5/16"	43	91	53	36	8	☹
	DC160-05-08.000A1-	8		43	91	53	36	8	☹
	DC160-05-08.100A1-	8,1		49	103	61	40	10	☹
	DC160-05-08.200A1-	8,2		49	103	61	40	10	☹
	DC160-05-08.300A1-	8,3		49	103	61	40	10	☹
	DC160-05-08.334A1-	8,334	21/64"	49	103	61	40	10	☹
	DC160-05-08.400A1-	8,4		49	103	61	40	10	☹
	DC160-05-08.500A1-	8,5		49	103	61	40	10	☹
	DC160-05-08.600A1-	8,6		49	103	61	40	10	☹
	DC160-05-08.700A1-	8,7		49	103	61	40	10	☹
	DC160-05-08.731A1-	8,731	11/32"	49	103	61	40	10	☹
	DC160-05-08.800A1-	8,8		49	103	61	40	10	☹
	DC160-05-08.900A1-	8,9		49	103	61	40	10	☹
	DC160-05-09.000A1-	9		49	103	61	40	10	☹
	DC160-05-09.100A1-	9,1		49	103	61	40	10	☹

Ordering example for the grade WJ30ET: DC160-05-03.000A1-WJ30ET

WALTER
SELECT

● ● Primary application ● Other application
Best tool for → Good = ☺ → Average = ☹ → Poor = ☹ machining conditions

Tool		D _c m7 mm	D _c Inch/Nr	L _c mm	l ₁ mm	l ₂ mm	l ₅ mm	d ₁ h6 mm	WJ30ET
	Designation								
DIN 6535 HA	DC160-05-09.128A1-	9,128	23/64"	49	103	61	40	10	☹
	DC160-05-09.200A1-	9,2		49	103	61	40	10	☹
	DC160-05-09.300A1-	9,3		49	103	61	40	10	☹
	DC160-05-09.400A1-	9,4		49	103	61	40	10	☹
	DC160-05-09.500A1-	9,5		49	103	61	40	10	☹
	DC160-05-09.525A1-	9,525	3/8"	49	103	61	40	10	☹
	DC160-05-09.550A1-	9,55		49	103	61	40	10	☹
	DC160-05-09.600A1-	9,6		49	103	61	40	10	☹
	DC160-05-09.700A1-	9,7		49	103	61	40	10	☹
	DC160-05-09.800A1-	9,8		49	103	61	40	10	☹
	DC160-05-09.900A1-	9,9		49	103	61	40	10	☹
	DC160-05-09.922A1-	9,922	25/64"	49	103	61	40	10	☹
	DC160-05-10.000A1-	10		49	103	61	40	10	☹
	DC160-05-10.100A1-	10,1		56	118	71	45	12	☹
	DC160-05-10.200A1-	10,2		56	118	71	45	12	☹
	DC160-05-10.300A1-	10,3		56	118	71	45	12	☹
	DC160-05-10.319A1-	10,319	13/32"	56	118	71	45	12	☹
	DC160-05-10.400A1-	10,4		56	118	71	45	12	☹
	DC160-05-10.500A1-	10,5		56	118	71	45	12	☹
	DC160-05-10.600A1-	10,6		56	118	71	45	12	☹
	DC160-05-10.700A1-	10,7		56	118	71	45	12	☹
	DC160-05-10.716A1-	10,716	27/64"	56	118	71	45	12	☹
	DC160-05-10.800A1-	10,8		56	118	71	45	12	☹
	DC160-05-10.900A1-	10,9		56	118	71	45	12	☹
	DC160-05-11.000A1-	11		56	118	71	45	12	☹
	DC160-05-11.100A1-	11,1		56	118	71	45	12	☹
	DC160-05-11.113A1-	11,113	7/16"	56	118	71	45	12	☹
	DC160-05-11.200A1-	11,2		56	118	71	45	12	☹
	DC160-05-11.300A1-	11,3		56	118	71	45	12	☹
	DC160-05-11.400A1-	11,4		56	118	71	45	12	☹
	DC160-05-11.500A1-	11,5		56	118	71	45	12	☹
	DC160-05-11.509A1-	11,509	29/64"	56	118	71	45	12	☹
	DC160-05-11.550A1-	11,55		56	118	71	45	12	☹
	DC160-05-11.600A1-	11,6		56	118	71	45	12	☹
	DC160-05-11.700A1-	11,7		56	118	71	45	12	☹
	DC160-05-11.800A1-	11,8		56	118	71	45	12	☹
	DC160-05-11.900A1-	11,9		56	118	71	45	12	☹
	DC160-05-11.906A1-	11,906	15/32"	56	118	71	45	12	☹
	DC160-05-12.000A1-	12		56	118	71	45	12	☹
	DC160-05-12.100A1-	12,1		60	124	77	45	14	☹
	DC160-05-12.200A1-	12,2		60	124	77	45	14	☹
	DC160-05-12.250A1-	12,25		60	124	77	45	14	☹
	DC160-05-12.300A1-	12,3		60	124	77	45	14	☹
	DC160-05-12.303A1-	12,303	31/64"	60	124	77	45	14	☹
	DC160-05-12.400A1-	12,4		60	124	77	45	14	☹
	DC160-05-12.500A1-	12,5		60	124	77	45	14	☹

Ordering example for the grade WJ30ET: DC160-05-03.000A1-WJ30ET

WALTER
SELECT

● ● Primary application ● Other application

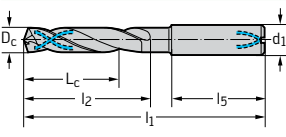
Best tool for → Good = ☺ → Average = ☹ → Poor = ☹ machining conditions

Tool	Designation	D _c m7 mm	D _c Inch/Nr	L _c mm	l ₁ mm	l ₂ mm	l ₅ mm	d ₁ h6 mm	WJ30ET
 DIN 6535 HA	DC160-05-12.600A1-	12,6		60	124	77	45	14	☹
	DC160-05-12.700A1-	12,700	1/2"	60	124	77	45	14	☹
	DC160-05-12.750A1-	12,75		60	124	77	45	14	☹
	DC160-05-12.800A1-	12,8		60	124	77	45	14	☹
	DC160-05-12.900A1-	12,9		60	124	77	45	14	☹
	DC160-05-13.000A1-	13		60	124	77	45	14	☹
	DC160-05-13.100A1-	13,1		60	124	77	45	14	☹
	DC160-05-13.200A1-	13,2		60	124	77	45	14	☹
	DC160-05-13.300A1-	13,3		60	124	77	45	14	☹
	DC160-05-13.400A1-	13,4		60	124	77	45	14	☹
	DC160-05-13.494A1-	13,494	17/32"	60	124	77	45	14	☹
	DC160-05-13.500A1-	13,5		60	124	77	45	14	☹
	DC160-05-13.600A1-	13,6		60	124	77	45	14	☹
	DC160-05-13.700A1-	13,7		60	124	77	45	14	☹
	DC160-05-13.800A1-	13,8		60	124	77	45	14	☹
	DC160-05-13.900A1-	13,9		60	124	77	45	14	☹
	DC160-05-14.000A1-	14		60	124	77	45	14	☹
	DC160-05-14.100A1-	14,1		63	133	83	48	16	☹
	DC160-05-14.200A1-	14,2		63	133	83	48	16	☹
	DC160-05-14.288A1-	14,288	9/16"	63	133	83	48	16	☹
	DC160-05-14.300A1-	14,3		63	133	83	48	16	☹
	DC160-05-14.400A1-	14,4		63	133	83	48	16	☹
	DC160-05-14.500A1-	14,5		63	133	83	48	16	☹
	DC160-05-14.600A1-	14,6		63	133	83	48	16	☹
	DC160-05-14.700A1-	14,7		63	133	83	48	16	☹
	DC160-05-14.750A1-	14,75		63	133	83	48	16	☹
	DC160-05-14.800A1-	14,8		63	133	83	48	16	☹
	DC160-05-14.900A1-	14,9		63	133	83	48	16	☹
	DC160-05-15.000A1-	15		63	133	83	48	16	☹
	DC160-05-15.100A1-	15,1		63	133	83	48	16	☹
	DC160-05-15.200A1-	15,2		63	133	83	48	16	☹
	DC160-05-15.300A1-	15,3		63	133	83	48	16	☹
	DC160-05-15.400A1-	15,4		63	133	83	48	16	☹
	DC160-05-15.500A1-	15,5		63	133	83	48	16	☹
	DC160-05-15.600A1-	15,6		63	133	83	48	16	☹
	DC160-05-15.700A1-	15,7		63	133	83	48	16	☹
	DC160-05-15.800A1-	15,8		63	133	83	48	16	☹
	DC160-05-15.875A1-	15,875	5/8"	63	133	83	48	16	☹
	DC160-05-15.900A1-	15,9		63	133	83	48	16	☹
	DC160-05-16.000A1-	16		63	133	83	48	16	☹
	DC160-05-16.100A1-	16,1		71	143	93	48	18	☹
	DC160-05-16.200A1-	16,2		71	143	93	48	18	☹
	DC160-05-16.300A1-	16,3		71	143	93	48	18	☹
	DC160-05-16.400A1-	16,4		71	143	93	48	18	☹
	DC160-05-16.500A1-	16,5		71	143	93	48	18	☹
	DC160-05-16.600A1-	16,6		71	143	93	48	18	☹

Ordering example for the grade WJ30ET: DC160-05-03.000A1-WJ30ET

WALTER
SELECT

● ● Primary application ● Other application
Best tool for → Good = ☺ → Average = ☹ → Poor = ☹ machining conditions

Tool		D _c m7 mm	D _c Inch/Nr	L _c mm	l ₁ mm	l ₂ mm	l ₅ mm	d ₁ h6 mm	WJ30ET
	Designation								
	DIN 6535 HA								
	DC160-05-16.700A1-	16,7		71	143	93	48	18	☹
	DC160-05-16.750A1-	16,75		71	143	93	48	18	☹
	DC160-05-16.800A1-	16,8		71	143	93	48	18	☹
	DC160-05-16.900A1-	16,9		71	143	93	48	18	☹
	DC160-05-17.000A1-	17		71	143	93	48	18	☹
	DC160-05-17.100A1-	17,1		71	143	93	48	18	☹
	DC160-05-17.200A1-	17,2		71	143	93	48	18	☹
	DC160-05-17.300A1-	17,3		71	143	93	48	18	☹
	DC160-05-17.400A1-	17,4		71	143	93	48	18	☹
	DC160-05-17.500A1-	17,5		71	143	93	48	18	☹
	DC160-05-17.600A1-	17,6		71	143	93	48	18	☹
	DC160-05-17.700A1-	17,7		71	143	93	48	18	☹
	DC160-05-17.800A1-	17,8		71	143	93	48	18	☹
	DC160-05-17.900A1-	17,9		71	143	93	48	18	☹
	DC160-05-18.000A1-	18		71	143	93	48	18	☹
	DC160-05-18.100A1-	18,1		77	153	101	50	20	☹
	DC160-05-18.200A1-	18,2		77	153	101	50	20	☹
	DC160-05-18.300A1-	18,3		77	153	101	50	20	☹
	DC160-05-18.400A1-	18,4		77	153	101	50	20	☹
	DC160-05-18.500A1-	18,5		77	153	101	50	20	☹
	DC160-05-18.600A1-	18,6		77	153	101	50	20	☹
	DC160-05-18.700A1-	18,7		77	153	101	50	20	☹
	DC160-05-18.800A1-	18,8		77	153	101	50	20	☹
	DC160-05-18.900A1-	18,9		77	153	101	50	20	☹
	DC160-05-19.000A1-	19		77	153	101	50	20	☹
	DC160-05-19.050A1-	19,050	3/4"	77	153	101	50	20	☹
	DC160-05-19.100A1-	19,1		77	153	101	50	20	☹
	DC160-05-19.200A1-	19,2		77	153	101	50	20	☹
	DC160-05-19.300A1-	19,3		77	153	101	50	20	☹
	DC160-05-19.400A1-	19,4		77	153	101	50	20	☹
	DC160-05-19.500A1-	19,5		77	153	101	50	20	☹
	DC160-05-19.600A1-	19,6		77	153	101	50	20	☹
	DC160-05-19.700A1-	19,7		77	153	101	50	20	☹
	DC160-05-19.800A1-	19,8		77	153	101	50	20	☹
	DC160-05-19.900A1-	19,9		77	153	101	50	20	☹
	DC160-05-20.000A1-	20		77	153	101	50	20	☹
	DC160-05-20.500A1-	20,5		86	166	108	56	25	☹
	DC160-05-21.000A1-	21		86	166	108	56	25	☹
	DC160-05-21.500A1-	21,5		86	166	108	56	25	☹
	DC160-05-22.000A1-	22		86	166	108	56	25	☹
	DC160-05-22.500A1-	22,5		91	173	115	56	25	☹
	DC160-05-23.000A1-	23		91	173	115	56	25	☹
	DC160-05-23.500A1-	23,5		91	173	115	56	25	☹
	DC160-05-24.000A1-	24		91	173	115	56	25	☹
	DC160-05-24.500A1-	24,5		97	180	122	56	25	☹
	DC160-05-25.000A1-	25		97	180	122	56	25	☹

Ordering example for the grade WJ30ET: DC160-05-03.000A1-WJ30ET

**WALTER
SELECT**

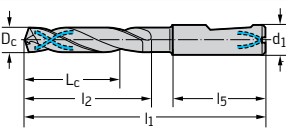
● ● Primary application ● Other application
 Best tool for → Good = ☺ → Average = ☹ → Poor = ☹ machining conditions

Tool	Designation	D _c m7 mm	D _c Inch/Nr	L _c mm	l ₁ mm	l ₂ mm	l ₅ mm	d ₁ h6 mm	WJ30ET
	DC160-05-03.000F1-	3		23	66	28	36	6	☹
	DC160-05-03.100F1-	3,1		23	66	28	36	6	☹
	DC160-05-03.200F1-	3,2		23	66	28	36	6	☹
	DC160-05-03.250F1-	3,25		23	66	28	36	6	☹
	DC160-05-03.300F1-	3,3		23	66	28	36	6	☹
	DC160-05-03.400F1-	3,4		23	66	28	36	6	☹
	DC160-05-03.500F1-	3,5		23	66	28	36	6	☹
	DC160-05-03.600F1-	3,6		23	66	28	36	6	☹
	DC160-05-03.650F1-	3,65		23	66	28	36	6	☹
	DC160-05-03.700F1-	3,7		23	66	28	36	6	☹
	DC160-05-03.800F1-	3,8		29	74	36	36	6	☹
	DC160-05-03.900F1-	3,9		29	74	36	36	6	☹
	DC160-05-04.000F1-	4		29	74	36	36	6	☹
	DC160-05-04.100F1-	4,1		29	74	36	36	6	☹
	DC160-05-04.200F1-	4,2		29	74	36	36	6	☹
	DC160-05-04.300F1-	4,3		29	74	36	36	6	☹
	DC160-05-04.400F1-	4,4		29	74	36	36	6	☹
	DC160-05-04.500F1-	4,5		29	74	36	36	6	☹
	DC160-05-04.600F1-	4,6		29	74	36	36	6	☹
	DC160-05-04.650F1-	4,65		29	74	36	36	6	☹
	DC160-05-04.700F1-	4,7		29	74	36	36	6	☹
	DC160-05-04.800F1-	4,8		35	82	44	36	6	☹
	DC160-05-04.900F1-	4,9		35	82	44	36	6	☹
	DC160-05-05.000F1-	5		35	82	44	36	6	☹
	DC160-05-05.100F1-	5,1		35	82	44	36	6	☹
	DC160-05-05.200F1-	5,2		35	82	44	36	6	☹
	DC160-05-05.300F1-	5,3		35	82	44	36	6	☹
	DC160-05-05.400F1-	5,4		35	82	44	36	6	☹
	DC160-05-05.500F1-	5,5		35	82	44	36	6	☹
	DC160-05-05.550F1-	5,55		35	82	44	36	6	☹
	DC160-05-05.600F1-	5,6		35	82	44	36	6	☹
	DC160-05-05.700F1-	5,7		35	82	44	36	6	☹
	DC160-05-05.800F1-	5,8		35	82	44	36	6	☹
	DC160-05-05.900F1-	5,9		35	82	44	36	6	☹
	DC160-05-06.000F1-	6		35	82	44	36	6	☹
	DC160-05-06.100F1-	6,1		43	91	53	36	8	☹
	DC160-05-06.200F1-	6,2		43	91	53	36	8	☹
	DC160-05-06.300F1-	6,3		43	91	53	36	8	☹
	DC160-05-06.400F1-	6,4		43	91	53	36	8	☹
	DC160-05-06.500F1-	6,5		43	91	53	36	8	☹
	DC160-05-06.600F1-	6,6		43	91	53	36	8	☹
	DC160-05-06.700F1-	6,7		43	91	53	36	8	☹
	DC160-05-06.800F1-	6,8		43	91	53	36	8	☹
	DC160-05-06.900F1-	6,9		43	91	53	36	8	☹
	DC160-05-07.000F1-	7		43	91	53	36	8	☹
	DC160-05-07.100F1-	7,1		43	91	53	36	8	☹

Ordering example for the grade WJ30ET: DC160-05-03.000A1-WJ30ET

WALTER
SELECT

●● Primary application ● Other application
Best tool for → Good = ☺ → Average = ☹ → Poor = ☹ machining conditions

Tool	Designation	D _c mm	D _c Inch/Nr	L _c mm	l ₁ mm	l ₂ mm	l ₅ mm	d ₁ h6 mm	WJ30ET
	DC160-05-07.200F1-	7,2		43	91	53	36	8	☺
	DC160-05-07.300F1-	7,3		43	91	53	36	8	☺
	DC160-05-07.400F1-	7,4		43	91	53	36	8	☺
	DC160-05-07.500F1-	7,5		43	91	53	36	8	☺
	DC160-05-07.550F1-	7,55		43	91	53	36	8	☺
	DC160-05-07.600F1-	7,6		43	91	53	36	8	☺
	DC160-05-07.700F1-	7,7		43	91	53	36	8	☺
	DC160-05-07.800F1-	7,8		43	91	53	36	8	☺
	DC160-05-07.900F1-	7,9		43	91	53	36	8	☺
	DC160-05-08.000F1-	8		43	91	53	36	8	☺
	DC160-05-08.100F1-	8,1		49	103	61	40	10	☺
	DC160-05-08.200F1-	8,2		49	103	61	40	10	☺
	DC160-05-08.300F1-	8,3		49	103	61	40	10	☺
	DC160-05-08.400F1-	8,4		49	103	61	40	10	☺
	DC160-05-08.500F1-	8,5		49	103	61	40	10	☺
	DC160-05-08.600F1-	8,6		49	103	61	40	10	☺
	DC160-05-08.700F1-	8,7		49	103	61	40	10	☺
	DC160-05-08.800F1-	8,8		49	103	61	40	10	☺
	DC160-05-08.900F1-	8,9		49	103	61	40	10	☺
	DC160-05-09.000F1-	9		49	103	61	40	10	☺
	DC160-05-09.100F1-	9,1		49	103	61	40	10	☺
	DC160-05-09.200F1-	9,2		49	103	61	40	10	☺
	DC160-05-09.300F1-	9,3		49	103	61	40	10	☺
	DC160-05-09.400F1-	9,4		49	103	61	40	10	☺
	DC160-05-09.500F1-	9,5		49	103	61	40	10	☺
	DC160-05-09.550F1-	9,55		49	103	61	40	10	☺
	DC160-05-09.600F1-	9,6		49	103	61	40	10	☺
	DC160-05-09.700F1-	9,7		49	103	61	40	10	☺
	DC160-05-09.800F1-	9,8		49	103	61	40	10	☺
	DC160-05-09.900F1-	9,9		49	103	61	40	10	☺
	DC160-05-10.000F1-	10		49	103	61	40	10	☺
	DC160-05-10.100F1-	10,1		56	118	71	45	12	☺
	DC160-05-10.200F1-	10,2		56	118	71	45	12	☺
	DC160-05-10.300F1-	10,3		56	118	71	45	12	☺
	DC160-05-10.400F1-	10,4		56	118	71	45	12	☺
	DC160-05-10.500F1-	10,5		56	118	71	45	12	☺
	DC160-05-10.600F1-	10,6		56	118	71	45	12	☺
	DC160-05-10.700F1-	10,7		56	118	71	45	12	☺
	DC160-05-10.800F1-	10,8		56	118	71	45	12	☺
	DC160-05-10.900F1-	10,9		56	118	71	45	12	☺
	DC160-05-11.000F1-	11		56	118	71	45	12	☺
	DC160-05-11.100F1-	11,1		56	118	71	45	12	☺
	DC160-05-11.200F1-	11,2		56	118	71	45	12	☺
	DC160-05-11.300F1-	11,3		56	118	71	45	12	☺
	DC160-05-11.400F1-	11,4		56	118	71	45	12	☺
	DC160-05-11.500F1-	11,5		56	118	71	45	12	☺

Ordering example for the grade WJ30ET: DC160-05-03.000A1-WJ30ET

**WALTER
SELECT**

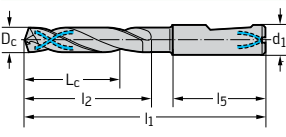
● ● Primary application ● Other application
 Best tool for → Good = ☺ → Average = ☹ → Poor = ☹ machining conditions

Tool	Designation	D _c m7 mm	D _c Inch/Nr	L _c mm	l ₁ mm	l ₂ mm	l ₅ mm	d ₁ h6 mm	WJ30ET
 DIN 6535 HE	DC160-05-11.550F1-	11,55		56	118	71	45	12	☹
	DC160-05-11.600F1-	11,6		56	118	71	45	12	☹
	DC160-05-11.700F1-	11,7		56	118	71	45	12	☹
	DC160-05-11.800F1-	11,8		56	118	71	45	12	☹
	DC160-05-11.900F1-	11,9		56	118	71	45	12	☹
	DC160-05-12.000F1-	12		56	118	71	45	12	☹
	DC160-05-12.100F1-	12,1		60	124	77	45	14	☹
	DC160-05-12.200F1-	12,2		60	124	77	45	14	☹
	DC160-05-12.250F1-	12,25		60	124	77	45	14	☹
	DC160-05-12.300F1-	12,3		60	124	77	45	14	☹
	DC160-05-12.400F1-	12,4		60	124	77	45	14	☹
	DC160-05-12.500F1-	12,5		60	124	77	45	14	☹
	DC160-05-12.600F1-	12,6		60	124	77	45	14	☹
	DC160-05-12.700F1-	12,700	1/2"	60	124	77	45	14	☹
	DC160-05-12.800F1-	12,8		60	124	77	45	14	☹
	DC160-05-12.900F1-	12,9		60	124	77	45	14	☹
	DC160-05-13.000F1-	13		60	124	77	45	14	☹
	DC160-05-13.100F1-	13,1		60	124	77	45	14	☹
	DC160-05-13.200F1-	13,2		60	124	77	45	14	☹
	DC160-05-13.300F1-	13,3		60	124	77	45	14	☹
	DC160-05-13.400F1-	13,4		60	124	77	45	14	☹
	DC160-05-13.500F1-	13,5		60	124	77	45	14	☹
	DC160-05-13.600F1-	13,6		60	124	77	45	14	☹
	DC160-05-13.700F1-	13,7		60	124	77	45	14	☹
	DC160-05-13.800F1-	13,8		60	124	77	45	14	☹
	DC160-05-13.900F1-	13,9		60	124	77	45	14	☹
	DC160-05-14.000F1-	14		60	124	77	45	14	☹
	DC160-05-14.100F1-	14,1		63	133	83	48	16	☹
	DC160-05-14.200F1-	14,2		63	133	83	48	16	☹
	DC160-05-14.300F1-	14,3		63	133	83	48	16	☹
	DC160-05-14.400F1-	14,4		63	133	83	48	16	☹
	DC160-05-14.500F1-	14,5		63	133	83	48	16	☹
	DC160-05-14.600F1-	14,6		63	133	83	48	16	☹
	DC160-05-14.700F1-	14,7		63	133	83	48	16	☹
	DC160-05-14.750F1-	14,75		63	133	83	48	16	☹
	DC160-05-14.800F1-	14,8		63	133	83	48	16	☹
	DC160-05-14.900F1-	14,9		63	133	83	48	16	☹
	DC160-05-15.000F1-	15		63	133	83	48	16	☹
	DC160-05-15.100F1-	15,1		63	133	83	48	16	☹
	DC160-05-15.200F1-	15,2		63	133	83	48	16	☹
	DC160-05-15.300F1-	15,3		63	133	83	48	16	☹
	DC160-05-15.400F1-	15,4		63	133	83	48	16	☹
	DC160-05-15.500F1-	15,5		63	133	83	48	16	☹
	DC160-05-15.600F1-	15,6		63	133	83	48	16	☹
	DC160-05-15.700F1-	15,7		63	133	83	48	16	☹
	DC160-05-15.800F1-	15,8		63	133	83	48	16	☹

Ordering example for the grade WJ30ET: DC160-05-03.000A1-WJ30ET

**WALTER
SELECT**

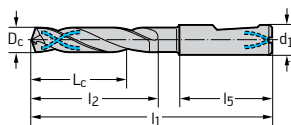
●● Primary application ● Other application
 Best tool for → Good = ☺ → Average = ☹ → Poor = ☹☹ machining conditions

Tool		D _c mm	D _c Inch/Nr	L _c mm	l ₁ mm	l ₂ mm	l ₅ mm	d ₁ h6 mm	WJ30ET
	Designation								
DIN 6535 HE	DC160-05-15.900F1-	15,9		63	133	83	48	16	☺
	DC160-05-16.000F1-	16		63	133	83	48	16	☺
	DC160-05-16.100F1-	16,1		71	143	93	48	18	☺
	DC160-05-16.200F1-	16,2		71	143	93	48	18	☺
	DC160-05-16.300F1-	16,3		71	143	93	48	18	☺
	DC160-05-16.400F1-	16,4		71	143	93	48	18	☺
	DC160-05-16.500F1-	16,5		71	143	93	48	18	☺
	DC160-05-16.600F1-	16,6		71	143	93	48	18	☺
	DC160-05-16.700F1-	16,7		71	143	93	48	18	☺
	DC160-05-16.750F1-	16,75		71	143	93	48	18	☺
	DC160-05-16.800F1-	16,8		71	143	93	48	18	☺
	DC160-05-16.900F1-	16,9		71	143	93	48	18	☺
	DC160-05-17.000F1-	17		71	143	93	48	18	☺
	DC160-05-17.100F1-	17,1		71	143	93	48	18	☺
	DC160-05-17.200F1-	17,2		71	143	93	48	18	☺
	DC160-05-17.300F1-	17,3		71	143	93	48	18	☺
	DC160-05-17.400F1-	17,4		71	143	93	48	18	☺
	DC160-05-17.500F1-	17,5		71	143	93	48	18	☺
	DC160-05-17.600F1-	17,6		71	143	93	48	18	☺
	DC160-05-17.700F1-	17,7		71	143	93	48	18	☺
	DC160-05-17.800F1-	17,8		71	143	93	48	18	☺
	DC160-05-17.900F1-	17,9		71	143	93	48	18	☺
	DC160-05-18.000F1-	18		71	143	93	48	18	☺
	DC160-05-18.100F1-	18,1		77	153	101	50	20	☺
	DC160-05-18.200F1-	18,2		77	153	101	50	20	☺
	DC160-05-18.300F1-	18,3		77	153	101	50	20	☺
	DC160-05-18.400F1-	18,4		77	153	101	50	20	☺
	DC160-05-18.500F1-	18,5		77	153	101	50	20	☺
	DC160-05-18.600F1-	18,6		77	153	101	50	20	☺
	DC160-05-18.700F1-	18,7		77	153	101	50	20	☺
	DC160-05-18.800F1-	18,8		77	153	101	50	20	☺
	DC160-05-18.900F1-	18,9		77	153	101	50	20	☺
	DC160-05-19.000F1-	19		77	153	101	50	20	☺
	DC160-05-19.100F1-	19,1		77	153	101	50	20	☺
	DC160-05-19.200F1-	19,2		77	153	101	50	20	☺
	DC160-05-19.300F1-	19,3		77	153	101	50	20	☺
	DC160-05-19.400F1-	19,4		77	153	101	50	20	☺
	DC160-05-19.500F1-	19,5		77	153	101	50	20	☺
	DC160-05-19.600F1-	19,6		77	153	101	50	20	☺
	DC160-05-19.700F1-	19,7		77	153	101	50	20	☺
	DC160-05-19.800F1-	19,8		77	153	101	50	20	☺
	DC160-05-19.900F1-	19,9		77	153	101	50	20	☺
	DC160-05-20.000F1-	20		77	153	101	50	20	☺
	DC160-05-20.500F1-	20,5		86	166	108	56	25	☺
	DC160-05-21.000F1-	21		86	166	108	56	25	☺
	DC160-05-21.500F1-	21,5		86	166	108	56	25	☺

Ordering example for the grade WJ30ET: DC160-05-03.000A1-WJ30ET

**WALTER
SELECT**

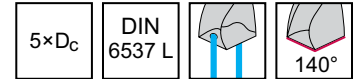
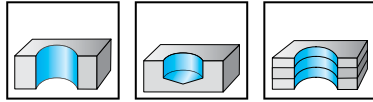
● ● Primary application ● Other application
Best tool for → Good = ☺ → Average = ☹ → Poor = ☹ machining conditions

Tool		D _c mm	D _c inch/Nr	L _c mm	l ₁ mm	l ₂ mm	l ₅ mm	d ₁ h6 mm	WJ30ET
 DIN 6535 HE	Designation								
	DC160-05-22.000F1-	22		86	166	108	56	25	☺☺
	DC160-05-22.500F1-	22,5		91	173	115	56	25	☺☺
	DC160-05-23.000F1-	23		91	173	115	56	25	☺☺
	DC160-05-23.500F1-	23,5		91	173	115	56	25	☺☺
	DC160-05-24.000F1-	24		91	173	115	56	25	☺☺
	DC160-05-24.500F1-	24,5		97	180	122	56	25	☺☺
	DC160-05-25.000F1-	25		97	180	122	56	25	☺☺

Ordering example for the grade WJ30ET: DC160-05-03.000A1-WJ30ET

Solid carbide drills with coolant-through

DC150 Perform



	P	M	K	N	S	H	O
WJ30RE	●●	●	●●	●●	●●	●	●

B1

Tool	Designation	D _c mm	D _c Inch/Nr	L _c mm	l ₁ mm	l ₂ mm	l ₅ mm	d ₁ h6 mm	WJ30RE
 DIN 6535 HA	DC150-05-03.000A1-	3		23	66	28	36	6	☺
	DC150-05-03.100A1-	3,1		23	66	28	36	6	☺
	DC150-05-03.175A1-	3,175	1/8"	23	66	28	36	6	☺
	DC150-05-03.200A1-	3,2		23	66	28	36	6	☺
	DC150-05-03.250A1-	3,25		23	66	28	36	6	☺
	DC150-05-03.300A1-	3,3		23	66	28	36	6	☺
	DC150-05-03.400A1-	3,4		23	66	28	36	6	☺
	DC150-05-03.500A1-	3,5		23	66	28	36	6	☺
	DC150-05-03.572A1-	3,572	9/64"	23	66	28	36	6	☺
	DC150-05-03.600A1-	3,6		23	66	28	36	6	☺
	DC150-05-03.650A1-	3,65		23	66	28	36	6	☺
	DC150-05-03.700A1-	3,7		23	66	28	36	6	☺
	DC150-05-03.800A1-	3,8		29	74	36	36	6	☺
	DC150-05-03.900A1-	3,9		29	74	36	36	6	☺
	DC150-05-03.969A1-	3,969	5/32"	29	74	36	36	6	☺
	DC150-05-04.000A1-	4		29	74	36	36	6	☺
	DC150-05-04.100A1-	4,1		29	74	36	36	6	☺
	DC150-05-04.200A1-	4,2		29	74	36	36	6	☺
	DC150-05-04.300A1-	4,3		29	74	36	36	6	☺
	DC150-05-04.366A1-	4,366	11/64"	29	74	36	36	6	☺
	DC150-05-04.400A1-	4,4		29	74	36	36	6	☺
	DC150-05-04.500A1-	4,5		29	74	36	36	6	☺
	DC150-05-04.600A1-	4,6		29	74	36	36	6	☺
	DC150-05-04.650A1-	4,65		29	74	36	36	6	☺
	DC150-05-04.700A1-	4,7		29	74	36	36	6	☺
	DC150-05-04.763A1-	4,763	3/16"	35	82	44	36	6	☺
	DC150-05-04.800A1-	4,8		35	82	44	36	6	☺
	DC150-05-04.900A1-	4,9		35	82	44	36	6	☺
	DC150-05-05.000A1-	5		35	82	44	36	6	☺
	DC150-05-05.100A1-	5,1		35	82	44	36	6	☺
	DC150-05-05.159A1-	5,159	13/64"	35	82	44	36	6	☺
	DC150-05-05.200A1-	5,2		35	82	44	36	6	☺
	DC150-05-05.300A1-	5,3		35	82	44	36	6	☺
	DC150-05-05.400A1-	5,4		35	82	44	36	6	☺
	DC150-05-05.500A1-	5,5		35	82	44	36	6	☺
	DC150-05-05.550A1-	5,55		35	82	44	36	6	☺

Ordering example for the grade WJ30RE: DC150-05-03.000A1-WJ30RE

**WALTER
SELECT**

●● Primary application ● Other application
 Best tool for → Good = ☺ → Average = ☹ → Poor = ☹ machining conditions

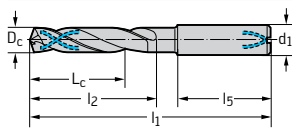
Tool	Designation	D _c m7 mm	D _c Inch/Nr	L _c mm	l ₁ mm	l ₂ mm	l ₅ mm	d ₁ h6 mm	WJ30RE
	DC150-05-05.556A1-	5,556	7/32"	35	82	44	36	6	☹
	DC150-05-05.600A1-	5,6		35	82	44	36	6	☹
	DC150-05-05.700A1-	5,7		35	82	44	36	6	☹
	DC150-05-05.800A1-	5,8		35	82	44	36	6	☹
	DC150-05-05.900A1-	5,9		35	82	44	36	6	☹
	DC150-05-05.953A1-	5,953	15/64"	35	82	44	36	6	☹
	DC150-05-06.000A1-	6		35	82	44	36	6	☹
	DC150-05-06.100A1-	6,1		43	91	53	36	8	☹
	DC150-05-06.200A1-	6,2		43	91	53	36	8	☹
	DC150-05-06.300A1-	6,3		43	91	53	36	8	☹
	DC150-05-06.350A1-	6,350	1/4"	43	91	53	36	8	☹
	DC150-05-06.400A1-	6,4		43	91	53	36	8	☹
	DC150-05-06.500A1-	6,5		43	91	53	36	8	☹
	DC150-05-06.600A1-	6,6		43	91	53	36	8	☹
	DC150-05-06.700A1-	6,7		43	91	53	36	8	☹
	DC150-05-06.747A1-	6,747	17/64"	43	91	53	36	8	☹
	DC150-05-06.800A1-	6,8		43	91	53	36	8	☹
	DC150-05-06.900A1-	6,9		43	91	53	36	8	☹
	DC150-05-07.000A1-	7		43	91	53	36	8	☹
	DC150-05-07.100A1-	7,1		43	91	53	36	8	☹
	DC150-05-07.144A1-	7,144	9/32"	43	91	53	36	8	☹
	DC150-05-07.200A1-	7,2		43	91	53	36	8	☹
	DC150-05-07.300A1-	7,3		43	91	53	36	8	☹
	DC150-05-07.400A1-	7,4		43	91	53	36	8	☹
	DC150-05-07.500A1-	7,5		43	91	53	36	8	☹
	DC150-05-07.541A1-	7,541	19/64"	43	91	53	36	8	☹
	DC150-05-07.550A1-	7,55		43	91	53	36	8	☹
	DC150-05-07.600A1-	7,6		43	91	53	36	8	☹
	DC150-05-07.700A1-	7,7		43	91	53	36	8	☹
	DC150-05-07.800A1-	7,8		43	91	53	36	8	☹
	DC150-05-07.900A1-	7,9		43	91	53	36	8	☹
	DC150-05-07.938A1-	7,938	5/16"	43	91	53	36	8	☹
	DC150-05-08.000A1-	8		43	91	53	36	8	☹
	DC150-05-08.100A1-	8,1		49	103	61	40	10	☹
	DC150-05-08.200A1-	8,2		49	103	61	40	10	☹
	DC150-05-08.300A1-	8,3		49	103	61	40	10	☹
	DC150-05-08.334A1-	8,334	21/64"	49	103	61	40	10	☹
	DC150-05-08.400A1-	8,4		49	103	61	40	10	☹
	DC150-05-08.500A1-	8,5		49	103	61	40	10	☹
	DC150-05-08.600A1-	8,6		49	103	61	40	10	☹
	DC150-05-08.700A1-	8,7		49	103	61	40	10	☹
	DC150-05-08.731A1-	8,731	11/32"	49	103	61	40	10	☹
	DC150-05-08.800A1-	8,8		49	103	61	40	10	☹
	DC150-05-08.900A1-	8,9		49	103	61	40	10	☹
	DC150-05-09.000A1-	9		49	103	61	40	10	☹
	DC150-05-09.100A1-	9,1		49	103	61	40	10	☹

Ordering example for the grade WJ30RE: DC150-05-03.000A1-WJ30RE

WALTER
SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = ☹ → Poor = ☹ machining conditions

Tool	Designation	D _c mm	D _c Inch/Nr	L _c mm	l ₁ mm	l ₂ mm	l ₅ mm	d ₁ h6 mm	WJ30RE
	DC150-05-09.128A1-	9,128	23/64"	49	103	61	40	10	☹
	DC150-05-09.200A1-	9,2		49	103	61	40	10	☹
DIN 6535 HA	DC150-05-09.300A1-	9,3		49	103	61	40	10	☹
	DC150-05-09.400A1-	9,4		49	103	61	40	10	☹
	DC150-05-09.500A1-	9,5		49	103	61	40	10	☹
	DC150-05-09.525A1-	9,525	3/8"	49	103	61	40	10	☹
	DC150-05-09.550A1-	9,55		49	103	61	40	10	☹
	DC150-05-09.600A1-	9,6		49	103	61	40	10	☹
	DC150-05-09.700A1-	9,7		49	103	61	40	10	☹
	DC150-05-09.800A1-	9,8		49	103	61	40	10	☹
	DC150-05-09.900A1-	9,9		49	103	61	40	10	☹
	DC150-05-09.922A1-	9,922	25/64"	49	103	61	40	10	☹
	DC150-05-10.000A1-	10		49	103	61	40	10	☹
	DC150-05-10.100A1-	10,1		56	118	71	45	12	☹
	DC150-05-10.200A1-	10,2		56	118	71	45	12	☹
	DC150-05-10.300A1-	10,3		56	118	71	45	12	☹
	DC150-05-10.319A1-	10,319	13/32"	56	118	71	45	12	☹
	DC150-05-10.400A1-	10,4		56	118	71	45	12	☹
	DC150-05-10.500A1-	10,5		56	118	71	45	12	☹
	DC150-05-10.600A1-	10,6		56	118	71	45	12	☹
	DC150-05-10.700A1-	10,7		56	118	71	45	12	☹
	DC150-05-10.716A1-	10,716	27/64"	56	118	71	45	12	☹
	DC150-05-10.800A1-	10,8		56	118	71	45	12	☹
	DC150-05-10.900A1-	10,9		56	118	71	45	12	☹
	DC150-05-11.000A1-	11		56	118	71	45	12	☹
	DC150-05-11.100A1-	11,1		56	118	71	45	12	☹
	DC150-05-11.113A1-	11,113	7/16"	56	118	71	45	12	☹
	DC150-05-11.200A1-	11,2		56	118	71	45	12	☹
	DC150-05-11.300A1-	11,3		56	118	71	45	12	☹
	DC150-05-11.400A1-	11,4		56	118	71	45	12	☹
	DC150-05-11.500A1-	11,5		56	118	71	45	12	☹
	DC150-05-11.509A1-	11,509	29/64"	56	118	71	45	12	☹
	DC150-05-11.600A1-	11,6		56	118	71	45	12	☹
	DC150-05-11.700A1-	11,7		56	118	71	45	12	☹
	DC150-05-11.800A1-	11,8		56	118	71	45	12	☹
	DC150-05-11.900A1-	11,9		56	118	71	45	12	☹
	DC150-05-11.906A1-	11,906	15/32"	56	118	71	45	12	☹
	DC150-05-12.000A1-	12		56	118	71	45	12	☹
	DC150-05-12.100A1-	12,1		60	124	77	45	14	☹
	DC150-05-12.200A1-	12,2		60	124	77	45	14	☹
	DC150-05-12.250A1-	12,25		60	124	77	45	14	☹
	DC150-05-12.300A1-	12,3		60	124	77	45	14	☹
	DC150-05-12.303A1-	12,303	31/64"	60	124	77	45	14	☹
	DC150-05-12.400A1-	12,4		60	124	77	45	14	☹
	DC150-05-12.500A1-	12,5		60	124	77	45	14	☹
	DC150-05-12.600A1-	12,6		60	124	77	45	14	☹

Ordering example for the grade WJ30RE: DC150-05-03.000A1-WJ30RE

**WALTER
SELECT**

● ● Primary application ● Other application
 Best tool for → Good = ☺ → Average = ☹ → Poor = ☹ machining conditions

Tool	Designation	D _c m7 mm	D _c Inch/Nr	L _c mm	l ₁ mm	l ₂ mm	l ₅ mm	d ₁ h6 mm	WJ30RE
 DIN 6535 HA	DC150-05-12.700A1-	12,700	1/2"	60	124	77	45	14	☹
	DC150-05-12.800A1-	12,8		60	124	77	45	14	☹
	DC150-05-12.900A1-	12,9		60	124	77	45	14	☹
	DC150-05-13.000A1-	13		60	124	77	45	14	☹
	DC150-05-13.100A1-	13,1		60	124	77	45	14	☹
	DC150-05-13.200A1-	13,2		60	124	77	45	14	☹
	DC150-05-13.300A1-	13,3		60	124	77	45	14	☹
	DC150-05-13.400A1-	13,4		60	124	77	45	14	☹
	DC150-05-13.494A1-	13,494	17/32"	60	124	77	45	14	☹
	DC150-05-13.500A1-	13,5		60	124	77	45	14	☹
	DC150-05-13.600A1-	13,6		60	124	77	45	14	☹
	DC150-05-13.700A1-	13,7		60	124	77	45	14	☹
	DC150-05-13.800A1-	13,8		60	124	77	45	14	☹
	DC150-05-13.900A1-	13,9		60	124	77	45	14	☹
	DC150-05-14.000A1-	14		60	124	77	45	14	☹
	DC150-05-14.100A1-	14,1		63	133	83	48	16	☹
	DC150-05-14.200A1-	14,2		63	133	83	48	16	☹
	DC150-05-14.288A1-	14,288	9/16"	63	133	83	48	16	☹
	DC150-05-14.300A1-	14,3		63	133	83	48	16	☹
	DC150-05-14.500A1-	14,5		63	133	83	48	16	☹
	DC150-05-14.600A1-	14,6		63	133	83	48	16	☹
	DC150-05-14.700A1-	14,7		63	133	83	48	16	☹
	DC150-05-14.750A1-	14,75		63	133	83	48	16	☹
	DC150-05-14.800A1-	14,8		63	133	83	48	16	☹
	DC150-05-15.000A1-	15		63	133	83	48	16	☹
	DC150-05-15.100A1-	15,1		63	133	83	48	16	☹
	DC150-05-15.200A1-	15,2		63	133	83	48	16	☹
	DC150-05-15.300A1-	15,3		63	133	83	48	16	☹
	DC150-05-15.500A1-	15,5		63	133	83	48	16	☹
	DC150-05-15.600A1-	15,6		63	133	83	48	16	☹
	DC150-05-15.700A1-	15,7		63	133	83	48	16	☹
	DC150-05-15.800A1-	15,8		63	133	83	48	16	☹
	DC150-05-15.875A1-	15,875	5/8"	63	133	83	48	16	☹
	DC150-05-16.000A1-	16		63	133	83	48	16	☹
	DC150-05-16.100A1-	16,1		71	143	93	48	18	☹
	DC150-05-16.200A1-	16,2		71	143	93	48	18	☹
	DC150-05-16.300A1-	16,3		71	143	93	48	18	☹
	DC150-05-16.500A1-	16,5		71	143	93	48	18	☹
	DC150-05-16.700A1-	16,7		71	143	93	48	18	☹
	DC150-05-16.750A1-	16,75		71	143	93	48	18	☹
	DC150-05-17.000A1-	17		71	143	93	48	18	☹
	DC150-05-17.100A1-	17,1		71	143	93	48	18	☹
	DC150-05-17.200A1-	17,2		71	143	93	48	18	☹
	DC150-05-17.300A1-	17,3		71	143	93	48	18	☹
	DC150-05-17.500A1-	17,5		71	143	93	48	18	☹
	DC150-05-17.600A1-	17,6		71	143	93	48	18	☹

Ordering example for the grade WJ30RE: DC150-05-03.000A1-WJ30RE

WALTER
SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = ☹ → Poor = ☹☹ machining conditions

Tool	Designation	D _c mm	D _c Inch/Nr	L _c mm	l ₁ mm	l ₂ mm	l ₅ mm	d ₁ h6 mm	WJ30RE
 DIN 6535 HA	DC150-05-17.700A1-	17,7		71	143	93	48	18	☺
	DC150-05-17.800A1-	17,8		71	143	93	48	18	☺
	DC150-05-17.900A1-	17,9		71	143	93	48	18	☺
	DC150-05-18.000A1-	18		71	143	93	48	18	☺
	DC150-05-18.500A1-	18,5		77	153	101	50	20	☺
	DC150-05-18.900A1-	18,9		77	153	101	50	20	☺
	DC150-05-19.000A1-	19		77	153	101	50	20	☺
	DC150-05-19.050A1-	19,050	3/4"	77	153	101	50	20	☺
	DC150-05-19.300A1-	19,3		77	153	101	50	20	☺
	DC150-05-19.500A1-	19,5		77	153	101	50	20	☺
	DC150-05-19.700A1-	19,7		77	153	101	50	20	☺
	DC150-05-19.800A1-	19,8		77	153	101	50	20	☺
 DIN 6535 HE, turned 180° DIN 6535 HB	DC150-05-20.000A1-	20		77	153	101	50	20	☺
	DC150-05-03.000D1-	3		23	66	28	36	6	☺
	DC150-05-03.100D1-	3,1		23	66	28	36	6	☺
	DC150-05-03.200D1-	3,2		23	66	28	36	6	☺
	DC150-05-03.300D1-	3,3		23	66	28	36	6	☺
	DC150-05-03.400D1-	3,4		23	66	28	36	6	☺
	DC150-05-03.500D1-	3,5		23	66	28	36	6	☺
	DC150-05-03.600D1-	3,6		23	66	28	36	6	☺
	DC150-05-03.700D1-	3,7		23	66	28	36	6	☺
	DC150-05-03.800D1-	3,8		29	74	36	36	6	☺
	DC150-05-03.900D1-	3,9		29	74	36	36	6	☺
	DC150-05-04.000D1-	4		29	74	36	36	6	☺
	DC150-05-04.100D1-	4,1		29	74	36	36	6	☺
	DC150-05-04.200D1-	4,2		29	74	36	36	6	☺
	DC150-05-04.300D1-	4,3		29	74	36	36	6	☺
	DC150-05-04.400D1-	4,4		29	74	36	36	6	☺
	DC150-05-04.500D1-	4,5		29	74	36	36	6	☺
	DC150-05-04.600D1-	4,6		29	74	36	36	6	☺
	DC150-05-04.650D1-	4,65		29	74	36	36	6	☺
	DC150-05-04.700D1-	4,7		29	74	36	36	6	☺
	DC150-05-04.800D1-	4,8		35	82	44	36	6	☺
	DC150-05-04.900D1-	4,9		35	82	44	36	6	☺
	DC150-05-05.000D1-	5		35	82	44	36	6	☺
	DC150-05-05.100D1-	5,1		35	82	44	36	6	☺
	DC150-05-05.200D1-	5,2		35	82	44	36	6	☺
	DC150-05-05.300D1-	5,3		35	82	44	36	6	☺
	DC150-05-05.400D1-	5,4		35	82	44	36	6	☺
	DC150-05-05.500D1-	5,5		35	82	44	36	6	☺
	DC150-05-05.550D1-	5,55		35	82	44	36	6	☺
	DC150-05-05.600D1-	5,6		35	82	44	36	6	☺
	DC150-05-05.700D1-	5,7		35	82	44	36	6	☺
	DC150-05-05.800D1-	5,8		35	82	44	36	6	☺
	DC150-05-05.900D1-	5,9		35	82	44	36	6	☺
	DC150-05-06.000D1-	6		35	82	44	36	6	☺

Ordering example for the grade WJ30RE: DC150-05-03.000A1-WJ30RE

WALTER
SELECT

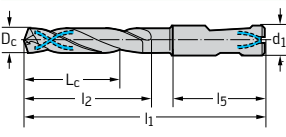
● ● Primary application ● Other application
 Best tool for → Good = ☺ → Average = ☹ → Poor = ☹ machining conditions

Tool	Designation	D _c m7 mm	D _c inch/Nr	L _c mm	l ₁ mm	l ₂ mm	l ₅ mm	d ₁ h6 mm	WJ30RE
	DC150-05-06.100D1-	6,1		43	91	53	36	8	☹
	DC150-05-06.200D1-	6,2		43	91	53	36	8	☹
	DC150-05-06.300D1-	6,2		43	91	53	36	8	☹
	DC150-05-06.400D1-	6,4		43	91	53	36	8	☹
DIN 6535 HE, turned 180° DIN 6535 HB	DC150-05-06.500D1-	6,5		43	91	53	36	8	☹
	DC150-05-06.600D1-	6,6		43	91	53	36	8	☹
	DC150-05-06.700D1-	6,7		43	91	53	36	8	☹
	DC150-05-06.800D1-	6,8		43	91	53	36	8	☹
	DC150-05-06.900D1-	6,9		43	91	53	36	8	☹
	DC150-05-07.000D1-	7		43	91	53	36	8	☹
	DC150-05-07.100D1-	7,1		43	91	53	36	8	☹
	DC150-05-07.200D1-	7,2		43	91	53	36	8	☹
	DC150-05-07.300D1-	7,3		43	91	53	36	8	☹
	DC150-05-07.400D1-	7,4		43	91	53	36	8	☹
	DC150-05-07.500D1-	7,5		43	91	53	36	8	☹
	DC150-05-07.600D1-	7,6		43	91	53	36	8	☹
	DC150-05-07.700D1-	7,7		43	91	53	36	8	☹
	DC150-05-07.800D1-	7,8		43	91	53	36	8	☹
	DC150-05-07.900D1-	7,9		43	91	53	36	8	☹
	DC150-05-08.000D1-	8		43	91	53	36	8	☹
	DC150-05-08.100D1-	8,1		49	103	61	40	10	☹
	DC150-05-08.200D1-	8,2		49	103	61	40	10	☹
	DC150-05-08.300D1-	8,3		49	103	61	40	10	☹
	DC150-05-08.400D1-	8,4		49	103	61	40	10	☹
	DC150-05-08.500D1-	8,5		49	103	61	40	10	☹
	DC150-05-08.600D1-	8,6		49	103	61	40	10	☹
	DC150-05-08.700D1-	8,7		49	103	61	40	10	☹
	DC150-05-08.800D1-	8,8		49	103	61	40	10	☹
	DC150-05-09.000D1-	9		49	103	61	40	10	☹
	DC150-05-09.100D1-	9,1		49	103	61	40	10	☹
	DC150-05-09.200D1-	9,2		49	103	61	40	10	☹
	DC150-05-09.300D1-	9,3		49	103	61	40	10	☹
	DC150-05-09.400D1-	9,4		49	103	61	40	10	☹
	DC150-05-09.500D1-	9,5		49	103	61	40	10	☹
	DC150-05-09.600D1-	9,6		49	103	61	40	10	☹
	DC150-05-09.700D1-	9,7		49	103	61	40	10	☹
	DC150-05-09.800D1-	9,8		49	103	61	40	10	☹
	DC150-05-09.900D1-	9,9		49	103	61	40	10	☹
	DC150-05-10.000D1-	10		49	103	61	40	10	☹
	DC150-05-10.100D1-	10,1		56	118	71	45	12	☹
	DC150-05-10.200D1-	10,2		56	118	71	45	12	☹
	DC150-05-10.300D1-	10,3		56	118	71	45	12	☹
	DC150-05-10.400D1-	10,4		56	118	71	45	12	☹
	DC150-05-10.500D1-	10,5		56	118	71	45	12	☹
	DC150-05-10.600D1-	10,6		56	118	71	45	12	☹
	DC150-05-10.800D1-	10,8		56	118	71	45	12	☹

Ordering example for the grade WJ30RE: DC150-05-03.000A1-WJ30RE

WALTER
SELECT

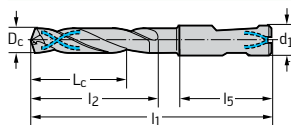
●● Primary application ● Other application
Best tool for → Good = ☺ → Average = ☹ → Poor = ☹ machining conditions

Tool		D _c m7 mm	D _c Inch/Nr	L _c mm	l ₁ mm	l ₂ mm	l ₅ mm	d ₁ h6 mm	WJ30RE
	Designation								
DIN 6535 HE, turned 180° DIN 6535 HB	DC150-05-11.000D1-	11		56	118	71	45	12	☹
	DC150-05-11.100D1-	11,1		56	118	71	45	12	☹
	DC150-05-11.200D1-	11,2		56	118	71	45	12	☹
	DC150-05-11.300D1-	11,3		56	118	71	45	12	☹
	DC150-05-11.500D1-	11,5		56	118	71	45	12	☹
	DC150-05-11.600D1-	11,6		56	118	71	45	12	☹
	DC150-05-11.700D1-	11,7		56	118	71	45	12	☹
	DC150-05-11.800D1-	11,8		56	118	71	45	12	☹
	DC150-05-11.900D1-	11,9		56	118	71	45	12	☹
	DC150-05-12.000D1-	12		56	118	71	45	12	☹
	DC150-05-12.100D1-	12,1		60	124	77	45	14	☹
	DC150-05-12.200D1-	12,2		60	124	77	45	14	☹
	DC150-05-12.300D1-	12,3		60	124	77	45	14	☹
	DC150-05-12.400D1-	12,4		60	124	77	45	14	☹
	DC150-05-12.500D1-	12,5		60	124	77	45	14	☹
	DC150-05-12.700D1-	12,700	1/2"	60	124	77	45	14	☹
	DC150-05-12.800D1-	12,8		60	124	77	45	14	☹
	DC150-05-13.000D1-	13		60	124	77	45	14	☹
	DC150-05-13.100D1-	13,1		60	124	77	45	14	☹
	DC150-05-13.200D1-	13,2		60	124	77	45	14	☹
	DC150-05-13.500D1-	13,5		60	124	77	45	14	☹
	DC150-05-13.800D1-	13,8		60	124	77	45	14	☹
	DC150-05-14.000D1-	14		60	124	77	45	14	☹
	DC150-05-14.100D1-	14,1		63	133	83	48	16	☹
	DC150-05-14.200D1-	14,2		63	133	83	48	16	☹
	DC150-05-14.300D1-	14,3		63	133	83	48	16	☹
	DC150-05-14.500D1-	14,5		63	133	83	48	16	☹
	DC150-05-14.600D1-	14,6		63	133	83	48	16	☹
	DC150-05-14.800D1-	14,8		63	133	83	48	16	☹
	DC150-05-15.000D1-	15		63	133	83	48	16	☹
	DC150-05-15.100D1-	15,1		63	133	83	48	16	☹
	DC150-05-15.200D1-	15,2		63	133	83	48	16	☹
	DC150-05-15.300D1-	15,3		63	133	83	48	16	☹
	DC150-05-15.500D1-	15,5		63	133	83	48	16	☹
	DC150-05-15.600D1-	15,6		63	133	83	48	16	☹
	DC150-05-15.700D1-	15,7		63	133	83	48	16	☹
	DC150-05-15.800D1-	15,8		63	133	83	48	16	☹
	DC150-05-16.000D1-	16		63	133	83	48	16	☹
	DC150-05-16.500D1-	16,5		71	143	93	48	18	☹
	DC150-05-16.600D1-	16,6		71	143	93	48	18	☹
	DC150-05-17.000D1-	17		71	143	93	48	18	☹
	DC150-05-17.200D1-	17,2		71	143	93	48	18	☹
	DC150-05-17.300D1-	17,3		71	143	93	48	18	☹
	DC150-05-17.500D1-	17,5		71	143	93	48	18	☹
	DC150-05-17.700D1-	17,7		71	143	93	48	18	☹
	DC150-05-17.800D1-	17,8		71	143	93	48	18	☹

Ordering example for the grade WJ30RE: DC150-05-03.000A1-WJ30RE

WALTER
SELECT

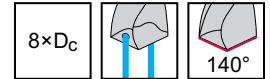
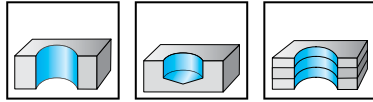
● ● Primary application ● Other application
 Best tool for → Good = ☺ → Average = ☹ → Poor = ☹ machining conditions

Tool		D _c m7 mm	D _c inch/Nr	L _c mm	l ₁ mm	l ₂ mm	l ₅ mm	d ₁ h6 mm	WJ30RE
	Designation								
	DC150-05-18.000D1-	18		71	143	93	48	18	☺☺
	DC150-05-18.100D1-	18,1		77	153	101	50	20	☺☺
	DC150-05-18.500D1-	18,5		77	153	101	50	20	☺☺
	DC150-05-18.800D1-	18,8		77	153	101	50	20	☺☺
	DIN 6535 HE, turned 180° DIN 6535 HB								
	DC150-05-19.000D1-	19		77	153	101	50	20	☺☺
	DC150-05-19.500D1-	19,5		77	153	101	50	20	☺☺
	DC150-05-19.700D1-	19,7		77	153	101	50	20	☺☺
	DC150-05-20.000D1-	20		77	153	101	50	20	☺☺

Ordering example for the grade WJ30RE: DC150-05-03.000A1-WJ30RE

Solid carbide micro drills with coolant-through

DB133 Supreme



	P	M	K	N	S	H	O
WJ30ER	●●	●●	●●	●●	●●	●	●

B1

Tool	Designation	D _c mm	D _c Inch/Nr	L _c mm	l ₁ mm	l ₂ mm	l ₅ mm	d ₁ h6 mm	WJ30ER
DIN 6535 HA	DB133-08-00.700A1-	0,7		6,9	50	8	35	3	☺
	DB133-08-00.750A1-	0,75		7,8	50	9	34	3	☺
	DB133-08-00.794A1-	0,794	1/32"	7,8	50	9	34	3	☺
	DB133-08-00.800A1-	0,8		7,8	50	9	34	3	☺
	DB133-08-00.850A1-	0,85		8,6	53	10	36	3	☺
	DB133-08-00.900A1-	0,9		8,6	53	10	36	3	☺
	DB133-08-00.950A1-	0,95		10,5	53	12	34	3	☺
	DB133-08-01.000A1-	1		10,5	53	12	34	3	☺
	DB133-08-01.050A1-	1,05		11	54	13	35	3	☺
	DB133-08-01.100A1-	1,1		11	54	13	35	3	☺
	DB133-08-01.150A1-	1,15		12	54	14	34	3	☺
	DB133-08-01.191A1-	1,191	3/64"	12	54	14	34	3	☺
	DB133-08-01.200A1-	1,2		12	54	14	34	3	☺
	DB133-08-01.250A1-	1,25		12	54	14	34	3	☺
	DB133-08-01.300A1-	1,3		13	57	15	36	3	☺
	DB133-08-01.350A1-	1,35		13	57	16	35	3	☺
	DB133-08-01.400A1-	1,4		13	57	16	35	3	☺
	DB133-08-01.450A1-	1,45		14	57	17	34	3	☺
	DB133-08-01.500A1-	1,5		14	57	17	34	3	☺
	DB133-08-01.550A1-	1,55		15	60	18	37	3	☺
	DB133-08-01.588A1-	1,588	1/16"	15	60	18	37	3	☺
	DB133-08-01.600A1-	1,6		15	60	18	37	3	☺
	DB133-08-01.650A1-	1,65		17	60	20	35	3	☺
	DB133-08-01.700A1-	1,7		17	60	20	35	3	☺
	DB133-08-01.750A1-	1,75		18	60	21	34	3	☺
	DB133-08-01.800A1-	1,8		18	60	21	34	3	☺
	DB133-08-01.820A1-	1,82		19	63	22	36	3	☺
	DB133-08-01.850A1-	1,85		19	63	22	36	3	☺
	DB133-08-01.900A1-	1,9		19	63	22	36	3	☺
	DB133-08-01.950A1-	1,95		20	63	23	35	3	☺
	DB133-08-01.984A1-	1,984	5/64"	20	63	23	35	3	☺
	DB133-08-02.000A1-	2		20	63	23	35	3	☺
	DB133-08-02.050A1-	2,05		20	63	24	35	3	☺
	DB133-08-02.100A1-	2,1		20	63	24	35	3	☺
	DB133-08-02.150A1-	2,15		21	63	25	34	3	☺
	DB133-08-02.200A1-	2,2		21	63	25	34	3	☺

Ordering example for the grade WJ30ER: DB133-08-00.700A1-WJ30ER

**WALTER
SELECT**

●● Primary application ● Other application
 Best tool for → Good = ☺ → Average = ☹ → Poor = ☹ machining conditions

Tool		D _c mm	D _c inch/Nr	L _c mm	l ₁ mm	l ₂ mm	l ₅ mm	d ₁ h6 mm	WJ30ER
	Designation								
	DB133-08-02.250A1-	2,25		22	67	26	37	3	☹
	DB133-08-02.300A1-	2,3		22	67	26	37	3	☹
	DB133-08-02.350A1-	2,35		24	67	28	35	3	☹
	DB133-08-02.381A1-	2,381	3/32"	24	67	28	35	3	☹
	DB133-08-02.400A1-	2,4		24	67	28	35	3	☹
	DB133-08-02.450A1-	2,45		25	67	29	34	3	☹
	DB133-08-02.500A1-	2,5		25	67	29	34	3	☹
	DB133-08-02.550A1-	2,55		26	71	30	37	3	☹
	DB133-08-02.600A1-	2,6		26	71	30	37	3	☹
	DB133-08-02.650A1-	2,65		26	71	31	37	3	☹
	DB133-08-02.700A1-	2,7		26	71	31	37	3	☹
	DB133-08-02.750A1-	2,75		27	71	32	36	3	☹
	DB133-08-02.778A1-	2,778	7/64"	27	71	32	36	3	☹
	DB133-08-02.800A1-	2,8		27	71	32	36	3	☹
	DB133-08-02.850A1-	2,85		28	71	33	35	3	☹
	DB133-08-02.900A1-	2,9		28	71	33	35	3	☹
	DB133-08-02.950A1-	2,95		29	71	34	34	3	☹

Ordering example for the grade WJ30ER: DB133-08-00.700A1-WJ30ER

Solid carbide twist drill 3 flutes

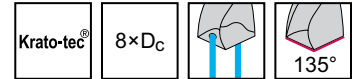
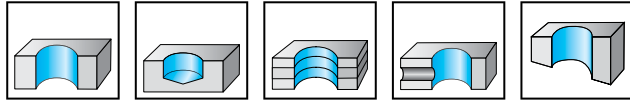
DC183 Supreme

X-treme Evo 3

Powered by Krato-tec®



– with innovative Krato-tec® multilayer coating



	P	M	K	N	S	H	O
WJ30EY	●●	●	●●	●●	●		

B1

Tool	Designation	D _c mm	D _c Inch/Nr	L _c mm	l ₁ mm	l ₂ mm	l ₅ mm	d ₁ h6 mm	WJ30EY
 DIN 6535 HA	DC183-08-03.000A1-	3		28	74	34	36	6	☺
	DC183-08-03.300A1-	3,3		28	74	34	36	6	☺
	DC183-08-03.500A1-	3,5		28	74	34	36	6	☺
	DC183-08-04.000A1-	4		37	85	45	36	6	☺
	DC183-08-04.200A1-	4,2		37	85	45	36	6	☺
	DC183-08-04.500A1-	4,5		37	85	45	36	6	☺
	DC183-08-04.763A1-	4,763	3/16"	48	97	57	36	6	☺
	DC183-08-05.000A1-	5		48	97	57	36	6	☺
	DC183-08-05.100A1-	5,1		48	97	57	36	6	☺
	DC183-08-05.500A1-	5,5		48	97	57	36	6	☺
	DC183-08-05.800A1-	5,8		48	97	57	36	6	☺
	DC183-08-06.000A1-	6		48	97	57	36	6	☺
	DC183-08-06.350A1-	6,350	1/4"	55	106	66	36	8	☺
	DC183-08-06.500A1-	6,5		55	106	66	36	8	☺
	DC183-08-06.800A1-	6,8		55	106	66	36	8	☺
	DC183-08-07.000A1-	7		55	106	66	36	8	☺
	DC183-08-07.800A1-	7,8		64	116	76	36	8	☺
	DC183-08-08.000A1-	8		64	116	76	36	8	☺
	DC183-08-08.500A1-	8,5		80	139	95	40	10	☺
	DC183-08-09.000A1-	9		80	139	95	40	10	☺
	DC183-08-09.800A1-	9,8		80	139	95	40	10	☺
	DC183-08-10.000A1-	10		80	139	95	40	10	☺
	DC183-08-10.500A1-	10,5		96	163	114	45	12	☺
	DC183-08-11.000A1-	11		96	163	114	45	12	☺
	DC183-08-11.113A1-	11,113	7/16"	96	163	114	45	12	☺
	DC183-08-12.000A1-	12		96	163	114	45	12	☺
	DC183-08-12.700A1-	12,700	1/2"	119	182	133	45	14	☺
	DC183-08-13.000A1-	13		119	182	133	45	14	☺
	DC183-08-13.500A1-	13,5		119	182	133	45	14	☺
	DC183-08-14.000A1-	14		119	182	133	45	14	☺
	DC183-08-15.000A1-	15		136	204	152	48	16	☺
	DC183-08-16.000A1-	16		136	204	152	48	16	☺

Ordering example for the grade WJ30EY: DC183-08-03.000A1-WJ30EY

WALTER
SELECT

●● Primary application ● Other application
 Best tool for → Good = ☺ → Average = ☹ → Poor = ☹ machining conditions

Solid carbide drills with coolant-through

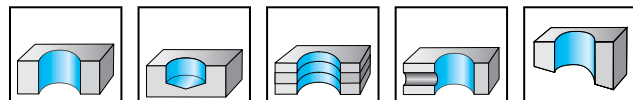
DC180 Supreme

X-treme Evo Plus

Powered by Krato-tec®



– with innovative Krato-tec® multilayer coating



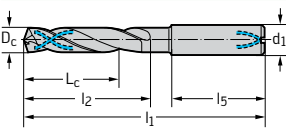
	P	M	K	N	S	H	O
WJ30EY	●●	●●	●●	●●	●●	●●	●

Tool	Designation	D _c mm	D _c Inch/Nr	L _c mm	l ₁ mm	l ₂ mm	l ₅ mm	d ₁ h6 mm	WJ30EY
DIN 6535 HA	DC180-08-03.000A1-	3		28	74	34	36	6	●●
	DC180-08-03.100A1-	3,1		28	74	34	36	6	●●
	DC180-08-03.175A1-	3,175	1/8"	28	74	34	36	6	●●
	DC180-08-03.200A1-	3,2		28	74	34	36	6	●●
	DC180-08-03.300A1-	3,3		28	74	34	36	6	●●
	DC180-08-03.400A1-	3,4		28	74	34	36	6	●●
	DC180-08-03.500A1-	3,5		28	74	34	36	6	●●
	DC180-08-03.572A1-	3,572	9/64"	28	74	34	36	6	●●
	DC180-08-03.600A1-	3,6		28	74	34	36	6	●●
	DC180-08-03.700A1-	3,7		28	74	34	36	6	●●
	DC180-08-03.800A1-	3,8		37	85	45	36	6	●●
	DC180-08-03.900A1-	3,9		37	85	45	36	6	●●
	DC180-08-03.969A1-	3,969	5/32"	37	85	45	36	6	●●
	DC180-08-04.000A1-	4		37	85	45	36	6	●●
	DC180-08-04.100A1-	4,1		37	85	45	36	6	●●
	DC180-08-04.200A1-	4,2		37	85	45	36	6	●●
	DC180-08-04.300A1-	4,3		37	85	45	36	6	●●
	DC180-08-04.366A1-	4,366	11/64"	37	85	45	36	6	●●
	DC180-08-04.400A1-	4,4		37	85	45	36	6	●●
	DC180-08-04.500A1-	4,5		37	85	45	36	6	●●
	DC180-08-04.600A1-	4,6		37	85	45	36	6	●●
	DC180-08-04.700A1-	4,7		37	85	45	36	6	●●
	DC180-08-04.763A1-	4,763	3/16"	48	97	57	36	6	●●
	DC180-08-04.800A1-	4,8		48	97	57	36	6	●●
	DC180-08-04.900A1-	4,9		48	97	57	36	6	●●
	DC180-08-05.000A1-	5		48	97	57	36	6	●●
	DC180-08-05.100A1-	5,1		48	97	57	36	6	●●
	DC180-08-05.159A1-	5,159	13/64"	48	97	57	36	6	●●
	DC180-08-05.200A1-	5,2		48	97	57	36	6	●●
	DC180-08-05.300A1-	5,3		48	97	57	36	6	●●
	DC180-08-05.400A1-	5,4		48	97	57	36	6	●●
	DC180-08-05.500A1-	5,5		48	97	57	36	6	●●
	DC180-08-05.556A1-	5,556	7/32"	48	97	57	36	6	●●
	DC180-08-05.600A1-	5,6		48	97	57	36	6	●●
	DC180-08-05.700A1-	5,7		48	97	57	36	6	●●
	DC180-08-05.800A1-	5,8		48	97	57	36	6	●●

Ordering example for the grade WJ30EY: DC180-08-03.000A1-WJ30EY

**WALTER
SELECT**

●● Primary application ● Other application
Best tool for → Good = 😊 → Average = 😐 → Poor = ☹️ machining conditions

Tool		D _c m7 mm	D _c Inch/Nr	L _c mm	l ₁ mm	l ₂ mm	l ₅ mm	d ₁ h6 mm	WJ30EY
	Designation								
DIN 6535 HA	DC180-08-05.900A1-	5,9		48	97	57	36	6	☹
	DC180-08-05.953A1-	5,953	15/64"	48	97	57	36	6	☹
	DC180-08-06.000A1-	6		48	97	57	36	6	☹
	DC180-08-06.100A1-	6,1		55	106	66	36	8	☹
	DC180-08-06.200A1-	6,2		55	106	66	36	8	☹
	DC180-08-06.300A1-	6,3		55	106	66	36	8	☹
	DC180-08-06.350A1-	6,350	1/4"	55	106	66	36	8	☹
	DC180-08-06.400A1-	6,4		55	106	66	36	8	☹
	DC180-08-06.500A1-	6,5		55	106	66	36	8	☹
	DC180-08-06.600A1-	6,6		55	106	66	36	8	☹
	DC180-08-06.700A1-	6,7		55	106	66	36	8	☹
	DC180-08-06.747A1-	6,747	17/64"	55	106	66	36	8	☹
	DC180-08-06.800A1-	6,8		55	106	66	36	8	☹
	DC180-08-06.900A1-	6,9		55	106	66	36	8	☹
	DC180-08-07.000A1-	7		55	106	66	36	8	☹
	DC180-08-07.100A1-	7,1		64	116	76	36	8	☹
	DC180-08-07.144A1-	7,144	9/32"	64	116	76	36	8	☹
	DC180-08-07.200A1-	7,2		64	116	76	36	8	☹
	DC180-08-07.300A1-	7,3		64	116	76	36	8	☹
	DC180-08-07.400A1-	7,4		64	116	76	36	8	☹
	DC180-08-07.500A1-	7,5		64	116	76	36	8	☹
	DC180-08-07.541A1-	7,541	19/64"	64	116	76	36	8	☹
	DC180-08-07.600A1-	7,6		64	116	76	36	8	☹
	DC180-08-07.700A1-	7,7		64	116	76	36	8	☹
	DC180-08-07.800A1-	7,8		64	116	76	36	8	☹
	DC180-08-07.900A1-	7,9		64	116	76	36	8	☹
	DC180-08-07.938A1-	7,938	5/16"	64	116	76	36	8	☹
	DC180-08-08.000A1-	8		64	116	76	36	8	☹
	DC180-08-08.100A1-	8,1		80	139	95	40	10	☹
	DC180-08-08.200A1-	8,2		80	139	95	40	10	☹
	DC180-08-08.300A1-	8,3		80	139	95	40	10	☹
	DC180-08-08.334A1-	8,334	21/64"	80	139	95	40	10	☹
	DC180-08-08.400A1-	8,4		80	139	95	40	10	☹
	DC180-08-08.500A1-	8,5		80	139	95	40	10	☹
	DC180-08-08.600A1-	8,6		80	139	95	40	10	☹
	DC180-08-08.700A1-	8,7		80	139	95	40	10	☹
	DC180-08-08.731A1-	8,731	11/32"	80	139	95	40	10	☹
	DC180-08-08.800A1-	8,8		80	139	95	40	10	☹
	DC180-08-08.900A1-	8,9		80	139	95	40	10	☹
	DC180-08-09.000A1-	9		80	139	95	40	10	☹
	DC180-08-09.100A1-	9,1		80	139	95	40	10	☹
	DC180-08-09.128A1-	9,128	23/64"	80	139	95	40	10	☹
	DC180-08-09.200A1-	9,2		80	139	95	40	10	☹
	DC180-08-09.300A1-	9,3		80	139	95	40	10	☹
	DC180-08-09.400A1-	9,4		80	139	95	40	10	☹
	DC180-08-09.500A1-	9,5		80	139	95	40	10	☹

Ordering example for the grade WJ30EY: DC180-08-03.000A1-WJ30EY

WALTER
SELECT

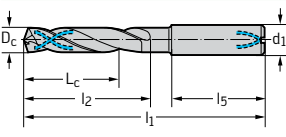
● ● Primary application ● Other application
 Best tool for → Good = ☺ → Average = ☹ → Poor = ☹ machining conditions

Tool	Designation	D _c m7 mm	D _c Inch/Nr	L _c mm	l ₁ mm	l ₂ mm	l ₅ mm	d ₁ h6 mm	WJ30EY
	DC180-08-09.525A1-	9,525	3/8"	80	139	95	40	10	☹
	DC180-08-09.600A1-	9,6		80	139	95	40	10	☹
	DC180-08-09.700A1-	9,7		80	139	95	40	10	☹
	DC180-08-09.800A1-	9,8		80	139	95	40	10	☹
	DC180-08-09.900A1-	9,9		80	139	95	40	10	☹
	DC180-08-09.922A1-	9,922	25/64"	80	139	95	40	10	☹
	DC180-08-10.000A1-	10		80	139	95	40	10	☹
	DC180-08-10.100A1-	10,1		96	163	114	45	12	☹
	DC180-08-10.200A1-	10,2		96	163	114	45	12	☹
	DC180-08-10.300A1-	10,3		96	163	114	45	12	☹
	DC180-08-10.319A1-	10,319	13/32"	96	163	114	45	12	☹
	DC180-08-10.400A1-	10,4		96	163	114	45	12	☹
	DC180-08-10.500A1-	10,5		96	163	114	45	12	☹
	DC180-08-10.600A1-	10,6		96	163	114	45	12	☹
	DC180-08-10.700A1-	10,7		96	163	114	45	12	☹
	DC180-08-10.716A1-	10,716	27/64"	96	163	114	45	12	☹
	DC180-08-10.800A1-	10,8		96	163	114	45	12	☹
	DC180-08-10.900A1-	10,9		96	163	114	45	12	☹
	DC180-08-11.000A1-	11		96	163	114	45	12	☹
	DC180-08-11.100A1-	11,1		96	163	114	45	12	☹
	DC180-08-11.113A1-	11,113	7/16"	96	163	114	45	12	☹
	DC180-08-11.200A1-	11,2		96	163	114	45	12	☹
	DC180-08-11.300A1-	11,3		96	163	114	45	12	☹
	DC180-08-11.400A1-	11,4		96	163	114	45	12	☹
	DC180-08-11.500A1-	11,5		96	163	114	45	12	☹
	DC180-08-11.509A1-	11,509	29/64"	96	163	114	45	12	☹
	DC180-08-11.600A1-	11,6		96	163	114	45	12	☹
	DC180-08-11.700A1-	11,7		96	163	114	45	12	☹
	DC180-08-11.800A1-	11,8		96	163	114	45	12	☹
	DC180-08-11.900A1-	11,9		96	163	114	45	12	☹
	DC180-08-11.906A1-	11,906	15/32"	96	163	114	45	12	☹
	DC180-08-12.000A1-	12		96	163	114	45	12	☹
	DC180-08-12.303A1-	12,303	31/64"	119	182	133	45	14	☹
	DC180-08-12.500A1-	12,5		119	182	133	45	14	☹
	DC180-08-12.700A1-	12,700	1/2"	119	182	133	45	14	☹
	DC180-08-13.000A1-	13		119	182	133	45	14	☹
	DC180-08-13.494A1-	13,494	17/32"	119	182	133	45	14	☹
	DC180-08-13.500A1-	13,5		119	182	133	45	14	☹
	DC180-08-14.000A1-	14		119	182	133	45	14	☹
	DC180-08-14.288A1-	14,288	9/16"	136	204	152	48	16	☹
	DC180-08-14.500A1-	14,5		136	204	152	48	16	☹
	DC180-08-15.000A1-	15		136	204	152	48	16	☹
	DC180-08-15.500A1-	15,5		136	204	152	48	16	☹
	DC180-08-15.875A1-	15,875	5/8"	136	204	152	48	16	☹
	DC180-08-16.000A1-	16		136	204	152	48	16	☹
	DC180-08-16.500A1-	16,5		153	223	171	48	18	☹

Ordering example for the grade WJ30EY: DC180-08-03.000A1-WJ30EY

WALTER
SELECT

● ● Primary application ● Other application
Best tool for → Good = ☺ → Average = ☹ → Poor = ☹ machining conditions

Tool		D _c mm	D _c Inch/Nr	L _c mm	l ₁ mm	l ₂ mm	l ₅ mm	d ₁ h6 mm	WJ30EY
 DIN 6535 HA	Designation								
	DC180-08-17.000A1-	17		153	223	171	48	18	☺☺
	DC180-08-17.500A1-	17,5		153	223	171	48	18	☺☺
	DC180-08-18.000A1-	18		153	223	171	48	18	☺☺
	DC180-08-18.500A1-	18,5		170	244	190	50	20	☺☺
	DC180-08-19.000A1-	19		170	244	190	50	20	☺☺
	DC180-08-19.050A1-	19,050	3/4"	170	244	190	50	20	☺☺
	DC180-08-19.500A1-	19,5		170	244	190	50	20	☺☺
	DC180-08-20.000A1-	20		170	244	190	50	20	☺☺

Ordering example for the grade WJ30EY: DC180-08-03.000A1-WJ30EY

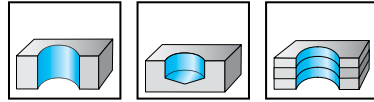
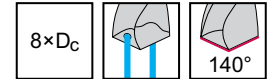
B1

Solid carbide twist drill

DC175 Supreme



– Walter Precision cooling



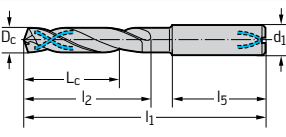
	P	M	K	N	S	H	O
WJ30RY	●	●●	●	●	●●	●	●

Tool	Designation	D _c mm	D _c Inch/Nr	L _c mm	l ₁ mm	l ₂ mm	l ₅ mm	d ₁ h6 mm	WJ30RY
 DIN 6535 HA	DC175-08-03.000A1-	3		28	74	34	36	6	●●
	DC175-08-03.100A1-	3,1		28	74	34	36	6	●●
	DC175-08-03.175A1-	3,175	1/8"	28	74	34	36	6	●●
	DC175-08-03.200A1-	3,2		28	74	34	36	6	●●
	DC175-08-03.300A1-	3,3		28	74	34	36	6	●●
	DC175-08-03.400A1-	3,4		28	74	34	36	6	●●
	DC175-08-03.500A1-	3,5		28	74	34	36	6	●●
	DC175-08-03.700A1-	3,7		28	74	34	36	6	●●
	DC175-08-03.800A1-	3,8		37	85	45	36	6	●●
	DC175-08-03.900A1-	3,9		37	85	45	36	6	●●
	DC175-08-04.000A1-	4		37	85	45	36	6	●●
	DC175-08-04.100A1-	4,1		37	85	45	36	6	●●
	DC175-08-04.200A1-	4,2		37	85	45	36	6	●●
	DC175-08-04.300A1-	4,3		37	85	45	36	6	●●
	DC175-08-04.500A1-	4,5		37	85	45	36	6	●●
	DC175-08-04.700A1-	4,7		37	85	45	36	6	●●
	DC175-08-04.763A1-	4,763	3/16"	48	97	57	36	6	●●
	DC175-08-04.800A1-	4,8		48	97	57	36	6	●●
	DC175-08-05.000A1-	5		48	97	57	36	6	●●
	DC175-08-05.100A1-	5,1		48	97	57	36	6	●●
	DC175-08-05.200A1-	5,2		48	97	57	36	6	●●
	DC175-08-05.500A1-	5,5		48	97	57	36	6	●●
	DC175-08-05.600A1-	5,6		48	97	57	36	6	●●
	DC175-08-05.800A1-	5,8		48	97	57	36	6	●●
	DC175-08-06.000A1-	6		48	97	57	36	6	●●
	DC175-08-06.100A1-	6,1		55	106	66	36	8	●●
	DC175-08-06.200A1-	6,2		55	106	66	36	8	●●
	DC175-08-06.300A1-	6,3		55	106	66	36	8	●●
	DC175-08-06.350A1-	6,350	1/4"	55	106	66	36	8	●●
	DC175-08-06.400A1-	6,4		55	106	66	36	8	●●
	DC175-08-06.500A1-	6,5		55	106	66	36	8	●●
	DC175-08-06.600A1-	6,6		55	106	66	36	8	●●
	DC175-08-06.700A1-	6,7		55	106	66	36	8	●●
	DC175-08-06.800A1-	6,8		55	106	66	36	8	●●
	DC175-08-06.900A1-	6,9		55	106	66	36	8	●●
	DC175-08-07.000A1-	7		55	106	66	36	8	●●

Ordering example for the grade WJ30RY: DC175-08-03.000A1-WJ30RY

**WALTER
SELECT**

●● Primary application ● Other application
Best tool for → Good = 😊 → Average = 😐 → Poor = 😞 machining conditions

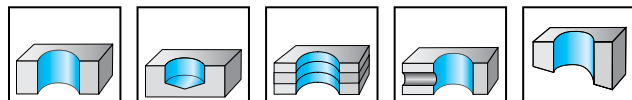
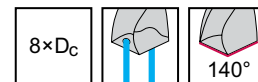
Tool		D _c mm	D _c Inch/Nr	L _c mm	l ₁ mm	l ₂ mm	l ₅ mm	d ₁ h6 mm	WJ30RY
	Designation								
	DIN 6535 HA								
	DC175-08-07.144A1-	7,144	9/32"	64	116	76	36	8	☺
	DC175-08-07.500A1-	7,5		64	116	76	36	8	☺
	DC175-08-07.600A1-	7,6		64	116	76	36	8	☺
	DC175-08-07.700A1-	7,7		64	116	76	36	8	☺
	DC175-08-08.000A1-	8		64	116	76	36	8	☺
	DC175-08-08.100A1-	8,1		80	139	95	40	10	☺
	DC175-08-08.200A1-	8,2		80	139	95	40	10	☺
	DC175-08-08.400A1-	8,4		80	139	95	40	10	☺
	DC175-08-08.500A1-	8,5		80	139	95	40	10	☺
	DC175-08-08.600A1-	8,6		80	139	95	40	10	☺
	DC175-08-08.700A1-	8,7		80	139	95	40	10	☺
	DC175-08-08.800A1-	8,8		80	139	95	40	10	☺
	DC175-08-09.000A1-	9		80	139	95	40	10	☺
	DC175-08-09.200A1-	9,2		80	139	95	40	10	☺
	DC175-08-09.300A1-	9,3		80	139	95	40	10	☺
	DC175-08-09.500A1-	9,5		80	139	95	40	10	☺
	DC175-08-09.800A1-	9,8		80	139	95	40	10	☺
	DC175-08-10.000A1-	10		80	139	95	40	10	☺
	DC175-08-10.200A1-	10,2		96	163	114	45	12	☺
	DC175-08-10.500A1-	10,5		96	163	114	45	12	☺
	DC175-08-11.000A1-	11		96	163	114	45	12	☺
	DC175-08-11.500A1-	11,5		96	163	114	45	12	☺
	DC175-08-12.000A1-	12		96	163	114	45	12	☺
	DC175-08-12.500A1-	12,5		119	182	133	45	14	☺
	DC175-08-13.000A1-	13		119	182	133	45	14	☺
	DC175-08-14.000A1-	14		119	182	133	45	14	☺
	DC175-08-15.000A1-	15		136	204	152	48	16	☺
	DC175-08-16.000A1-	16		136	204	152	48	16	☺

Ordering example for the grade WJ30RY: DC175-08-03.000A1-WJ30RY

B1

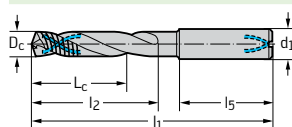
Solid carbide drills with coolant-through

DC170 Supreme



	P	M	K	N	S	H	O
WJ30EJ	●●		●●			●	

Tool



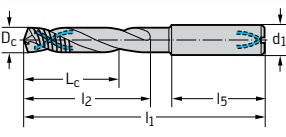
DIN 6535 HA

Designation	D _c mm	D _c Inch/Nr	L _c mm	l ₁ mm	l ₂ mm	l ₅ mm	d ₁ h6 mm	WJ30EJ
DC170-08-03.000A1-	3		28	74	34	36	6	☹
DC170-08-03.100A1-	3,1		28	74	34	36	6	☹
DC170-08-03.175A1-	3,175	1/8"	28	74	34	36	6	☹
DC170-08-03.200A1-	3,2		28	74	34	36	6	☹
DC170-08-03.300A1-	3,3		28	74	34	36	6	☹
DC170-08-03.400A1-	3,4		28	74	34	36	6	☹
DC170-08-03.500A1-	3,5		28	74	34	36	6	☹
DC170-08-03.572A1-	3,572	9/64"	28	74	34	36	6	☹
DC170-08-03.600A1-	3,6		28	74	34	36	6	☹
DC170-08-03.700A1-	3,7		28	74	34	36	6	☹
DC170-08-03.800A1-	3,8		37	85	45	36	6	☹
DC170-08-03.900A1-	3,9		37	85	45	36	6	☹
DC170-08-03.969A1-	3,969	5/32"	37	85	45	36	6	☹
DC170-08-04.000A1-	4		37	85	45	36	6	☹
DC170-08-04.100A1-	4,1		37	85	45	36	6	☹
DC170-08-04.200A1-	4,2		37	85	45	36	6	☹
DC170-08-04.300A1-	4,3		37	85	45	36	6	☹
DC170-08-04.366A1-	4,366	11/64"	37	85	45	36	6	☹
DC170-08-04.400A1-	4,4		37	85	45	36	6	☹
DC170-08-04.500A1-	4,5		37	85	45	36	6	☹
DC170-08-04.600A1-	4,6		37	85	45	36	6	☹
DC170-08-04.763A1-	4,763	3/16"	48	97	57	36	6	☹
DC170-08-04.800A1-	4,8		48	97	57	36	6	☹
DC170-08-04.900A1-	4,9		48	97	57	36	6	☹
DC170-08-05.000A1-	5		48	97	57	36	6	☹
DC170-08-05.100A1-	5,1		48	97	57	36	6	☹
DC170-08-05.159A1-	5,159	13/64"	48	97	57	36	6	☹
DC170-08-05.200A1-	5,2		48	97	57	36	6	☹
DC170-08-05.300A1-	5,3		48	97	57	36	6	☹
DC170-08-05.400A1-	5,4		48	97	57	36	6	☹
DC170-08-05.500A1-	5,5		48	97	57	36	6	☹
DC170-08-05.556A1-	5,556	7/32"	48	97	57	36	6	☹
DC170-08-05.600A1-	5,6		48	97	57	36	6	☹
DC170-08-05.700A1-	5,7		48	97	57	36	6	☹
DC170-08-05.800A1-	5,8		48	97	57	36	6	☹
DC170-08-05.900A1-	5,9		48	97	57	36	6	☹

Ordering example for the grade WJ30EJ: DC170-08-03.000A1-WJ30EJ

**WALTER
SELECT**

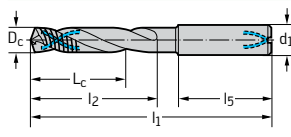
●● Primary application ● Other application
Best tool for → Good = ☺ → Average = ☹ → Poor = ☹ machining conditions

Tool	Designation	D _c m7 mm	D _c Inch/Nr	L _c mm	l ₁ mm	l ₂ mm	l ₅ mm	d ₁ h6 mm	WJ30EJ
	DC170-08-05.953A1-	5,953	15/64"	48	97	57	36	6	☹
	DC170-08-06.000A1-	6		48	97	57	36	6	☹
DIN 6535 HA	DC170-08-06.100A1-	6,1		55	106	66	36	8	☹
	DC170-08-06.200A1-	6,2		55	106	66	36	8	☹
	DC170-08-06.300A1-	6,3		55	106	66	36	8	☹
	DC170-08-06.350A1-	6,350	1/4"	55	106	66	36	8	☹
	DC170-08-06.400A1-	6,4		55	106	66	36	8	☹
	DC170-08-06.500A1-	6,5		55	106	66	36	8	☹
	DC170-08-06.600A1-	6,6		55	106	66	36	8	☹
	DC170-08-06.700A1-	6,7		55	106	66	36	8	☹
	DC170-08-06.747A1-	6,747	17/64"	55	106	66	36	8	☹
	DC170-08-06.800A1-	6,8		55	106	66	36	8	☹
	DC170-08-06.900A1-	6,9		55	106	66	36	8	☹
	DC170-08-07.000A1-	7		55	106	66	36	8	☹
	DC170-08-07.144A1-	7,144	9/32"	64	116	76	36	8	☹
	DC170-08-07.400A1-	7,4		64	116	76	36	8	☹
	DC170-08-07.500A1-	7,5		64	116	76	36	8	☹
	DC170-08-07.541A1-	7,541	19/64"	64	116	76	36	8	☹
	DC170-08-07.600A1-	7,6		64	116	76	36	8	☹
	DC170-08-07.700A1-	7,7		64	116	76	36	8	☹
	DC170-08-07.800A1-	7,8		64	116	76	36	8	☹
	DC170-08-07.900A1-	7,9		64	116	76	36	8	☹
	DC170-08-07.938A1-	7,938	5/16"	64	116	76	36	8	☹
	DC170-08-08.000A1-	8		64	116	76	36	8	☹
	DC170-08-08.100A1-	8,1		80	139	95	40	10	☹
	DC170-08-08.200A1-	8,2		80	139	95	40	10	☹
	DC170-08-08.300A1-	8,3		80	139	95	40	10	☹
	DC170-08-08.334A1-	8,334	21/64"	80	139	95	40	10	☹
	DC170-08-08.400A1-	8,4		80	139	95	40	10	☹
	DC170-08-08.500A1-	8,5		80	139	95	40	10	☹
	DC170-08-08.600A1-	8,6		80	139	95	40	10	☹
	DC170-08-08.700A1-	8,7		80	139	95	40	10	☹
	DC170-08-08.731A1-	8,731	11/32"	80	139	95	40	10	☹
	DC170-08-08.800A1-	8,8		80	139	95	40	10	☹
	DC170-08-09.000A1-	9		80	139	95	40	10	☹
	DC170-08-09.100A1-	9,1		80	139	95	40	10	☹
	DC170-08-09.128A1-	9,128	23/64"	80	139	95	40	10	☹
	DC170-08-09.200A1-	9,2		80	139	95	40	10	☹
	DC170-08-09.300A1-	9,3		80	139	95	40	10	☹
	DC170-08-09.400A1-	9,4		80	139	95	40	10	☹
	DC170-08-09.500A1-	9,5		80	139	95	40	10	☹
	DC170-08-09.525A1-	9,525	3/8"	80	139	95	40	10	☹
	DC170-08-09.600A1-	9,6		80	139	95	40	10	☹
	DC170-08-09.700A1-	9,7		80	139	95	40	10	☹
	DC170-08-09.800A1-	9,8		80	139	95	40	10	☹
	DC170-08-09.900A1-	9,9		80	139	95	40	10	☹

Ordering example for the grade WJ30EJ: DC170-08-03.000A1-WJ30EJ

**WALTER
SELECT**

● ● Primary application ● Other application
 Best tool for → Good = ☺ → Average = ☹ → Poor = ☹ machining conditions

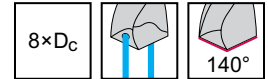
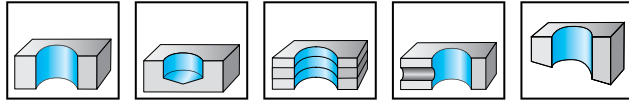
Tool	Designation	D _c m7 mm	D _c Inch/Nr	L _c mm	l ₁ mm	l ₂ mm	l ₅ mm	d ₁ h6 mm	WJ30EJ
 DIN 6535 HA	DC170-08-09.922A1-	9,922	25/64"	80	139	95	40	10	☺
	DC170-08-10.000A1-	10		80	139	95	40	10	☺
	DC170-08-10.100A1-	10,1		96	163	114	45	12	☺
	DC170-08-10.200A1-	10,2		96	163	114	45	12	☺
	DC170-08-10.300A1-	10,3		96	163	114	45	12	☺
	DC170-08-10.319A1-	10,319	13/32"	96	163	114	45	12	☺
	DC170-08-10.500A1-	10,5		96	163	114	45	12	☺
	DC170-08-10.716A1-	10,716	27/64"	96	163	114	45	12	☺
	DC170-08-10.800A1-	10,8		96	163	114	45	12	☺
	DC170-08-11.000A1-	11		96	163	114	45	12	☺
	DC170-08-11.100A1-	11,1		96	163	114	45	12	☺
	DC170-08-11.113A1-	11,113	7/16"	96	163	114	45	12	☺
	DC170-08-11.200A1-	11,2		96	163	114	45	12	☺
	DC170-08-11.300A1-	11,3		96	163	114	45	12	☺
	DC170-08-11.400A1-	11,4		96	163	114	45	12	☺
	DC170-08-11.500A1-	11,5		96	163	114	45	12	☺
	DC170-08-11.700A1-	11,7		96	163	114	45	12	☺
	DC170-08-11.800A1-	11,8		96	163	114	45	12	☺
	DC170-08-11.900A1-	11,9		96	163	114	45	12	☺
	DC170-08-12.000A1-	12		96	163	114	45	12	☺
	DC170-08-12.303A1-	12,303	31/64"	119	182	133	45	14	☺
	DC170-08-12.500A1-	12,5		119	182	133	45	14	☺
	DC170-08-12.700A1-	12,700	1/2"	119	182	133	45	14	☺
	DC170-08-13.000A1-	13		119	182	133	45	14	☺
	DC170-08-13.494A1-	13,494	17/32"	119	182	133	45	14	☺
	DC170-08-13.500A1-	13,5		119	182	133	45	14	☺
	DC170-08-14.000A1-	14		119	182	133	45	14	☺
	DC170-08-14.288A1-	14,288	9/16"	136	204	152	48	16	☺
	DC170-08-14.500A1-	14,5		136	204	152	48	16	☺
	DC170-08-15.000A1-	15		136	204	152	48	16	☺
	DC170-08-15.500A1-	15,5		136	204	152	48	16	☺
	DC170-08-15.875A1-	15,875	5/8"	136	204	152	48	16	☺
	DC170-08-16.000A1-	16		136	204	152	48	16	☺
	DC170-08-16.500A1-	16,5		153	223	171	48	18	☺
	DC170-08-17.000A1-	17		153	223	171	48	18	☺
	DC170-08-17.500A1-	17,5		153	223	171	48	18	☺
	DC170-08-18.000A1-	18		153	223	171	48	18	☺
	DC170-08-20.000A1-	20		170	244	190	50	20	☺

Ordering example for the grade WJ30EJ: DC170-08-03.000A1-WJ30EJ

Solid carbide drills with coolant-through

DC160 Advance

X-treme Evo



	P	M	K	N	S	H	O
WJ30ET	●●	●	●●	●●	●●	●	●

B1

Tool	Designation	D _c mm	D _c Inch/Nr	L _c mm	l ₁ mm	l ₂ mm	l ₅ mm	d ₁ h6 mm	WJ30ET
DIN 6535 HA	DC160-08-03.000A1-	3		28	74	34	36	6	☺
	DC160-08-03.100A1-	3,1		28	74	34	36	6	☺
	DC160-08-03.175A1-	3,175	1/8"	28	74	34	36	6	☺
	DC160-08-03.200A1-	3,2		28	74	34	36	6	☺
	DC160-08-03.300A1-	3,3		28	74	34	36	6	☺
	DC160-08-03.400A1-	3,4		28	74	34	36	6	☺
	DC160-08-03.500A1-	3,5		28	74	34	36	6	☺
	DC160-08-03.572A1-	3,572	9/64"	28	74	34	36	6	☺
	DC160-08-03.600A1-	3,6		28	74	34	36	6	☺
	DC160-08-03.700A1-	3,7		28	74	34	36	6	☺
	DC160-08-03.800A1-	3,8		37	85	45	36	6	☺
	DC160-08-03.900A1-	3,9		37	85	45	36	6	☺
	DC160-08-03.969A1-	3,969	5/32"	37	85	45	36	6	☺
	DC160-08-04.000A1-	4		37	85	45	36	6	☺
	DC160-08-04.100A1-	4,1		37	85	45	36	6	☺
	DC160-08-04.200A1-	4,2		37	85	45	36	6	☺
	DC160-08-04.300A1-	4,3		37	85	45	36	6	☺
	DC160-08-04.366A1-	4,366	11/64"	37	85	45	36	6	☺
	DC160-08-04.400A1-	4,4		37	85	45	36	6	☺
	DC160-08-04.500A1-	4,5		37	85	45	36	6	☺
	DC160-08-04.600A1-	4,6		37	85	45	36	6	☺
	DC160-08-04.700A1-	4,7		37	85	45	36	6	☺
	DC160-08-04.763A1-	4,763	3/16"	48	97	57	36	6	☺
	DC160-08-04.800A1-	4,8		48	97	57	36	6	☺
	DC160-08-04.900A1-	4,9		48	97	57	36	6	☺
	DC160-08-05.000A1-	5		48	97	57	36	6	☺
	DC160-08-05.100A1-	5,1		48	97	57	36	6	☺
	DC160-08-05.159A1-	5,159	13/64"	48	97	57	36	6	☺
	DC160-08-05.200A1-	5,2		48	97	57	36	6	☺
	DC160-08-05.300A1-	5,3		48	97	57	36	6	☺
	DC160-08-05.400A1-	5,4		48	97	57	36	6	☺
	DC160-08-05.500A1-	5,5		48	97	57	36	6	☺
	DC160-08-05.556A1-	5,556	7/32"	48	97	57	36	6	☺
	DC160-08-05.600A1-	5,6		48	97	57	36	6	☺
	DC160-08-05.700A1-	5,7		48	97	57	36	6	☺
	DC160-08-05.800A1-	5,8		48	97	57	36	6	☺

Ordering example for the grade WJ30ET: DC160-08-03.000A1-WJ30ET

**WALTER
SELECT**

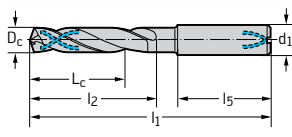
●● Primary application ● Other application
 Best tool for → Good = ☺ → Average = ☹ → Poor = ☹ machining conditions

Tool	Designation	D _c m7 mm	D _c Inch/Nr	L _c mm	l ₁ mm	l ₂ mm	l ₅ mm	d ₁ h6 mm	WJ30ET
DIN 6535 HA	DC160-08-05.900A1-	5,9		48	97	57	36	6	☹
	DC160-08-05.953A1-	5,953	15/64"	48	97	57	36	6	☹
	DC160-08-06.000A1-	6		48	97	57	36	6	☹
	DC160-08-06.100A1-	6,1		55	106	66	36	8	☹
	DC160-08-06.200A1-	6,2		55	106	66	36	8	☹
	DC160-08-06.300A1-	6,3		55	106	66	36	8	☹
	DC160-08-06.350A1-	6,350	1/4"	55	106	66	36	8	☹
	DC160-08-06.400A1-	6,4		55	106	66	36	8	☹
	DC160-08-06.500A1-	6,5		55	106	66	36	8	☹
	DC160-08-06.600A1-	6,6		55	106	66	36	8	☹
	DC160-08-06.700A1-	6,7		55	106	66	36	8	☹
	DC160-08-06.747A1-	6,747	17/64"	55	106	66	36	8	☹
	DC160-08-06.800A1-	6,8		55	106	66	36	8	☹
	DC160-08-06.900A1-	6,9		55	106	66	36	8	☹
	DC160-08-07.000A1-	7		55	106	66	36	8	☹
	DC160-08-07.100A1-	7,1		64	116	76	36	8	☹
	DC160-08-07.144A1-	7,144	9/32"	64	116	76	36	8	☹
	DC160-08-07.200A1-	7,2		64	116	76	36	8	☹
	DC160-08-07.300A1-	7,3		64	116	76	36	8	☹
	DC160-08-07.400A1-	7,4		64	116	76	36	8	☹
	DC160-08-07.500A1-	7,5		64	116	76	36	8	☹
	DC160-08-07.541A1-	7,541	19/64"	64	116	76	36	8	☹
	DC160-08-07.600A1-	7,6		64	116	76	36	8	☹
	DC160-08-07.700A1-	7,7		64	116	76	36	8	☹
	DC160-08-07.800A1-	7,8		64	116	76	36	8	☹
	DC160-08-07.900A1-	7,9		64	116	76	36	8	☹
	DC160-08-07.938A1-	7,938	5/16"	64	116	76	36	8	☹
	DC160-08-08.000A1-	8		64	116	76	36	8	☹
	DC160-08-08.100A1-	8,1		80	139	95	40	10	☹
	DC160-08-08.200A1-	8,2		80	139	95	40	10	☹
	DC160-08-08.300A1-	8,3		80	139	95	40	10	☹
	DC160-08-08.334A1-	8,334	21/64"	80	139	95	40	10	☹
	DC160-08-08.400A1-	8,4		80	139	95	40	10	☹
	DC160-08-08.500A1-	8,5		80	139	95	40	10	☹
	DC160-08-08.600A1-	8,6		80	139	95	40	10	☹
	DC160-08-08.700A1-	8,7		80	139	95	40	10	☹
	DC160-08-08.731A1-	8,731	11/32"	80	139	95	40	10	☹
	DC160-08-08.800A1-	8,8		80	139	95	40	10	☹
	DC160-08-08.900A1-	8,9		80	139	95	40	10	☹
	DC160-08-09.000A1-	9		80	139	95	40	10	☹
	DC160-08-09.100A1-	9,1		80	139	95	40	10	☹
	DC160-08-09.128A1-	9,128	23/64"	80	139	95	40	10	☹
	DC160-08-09.200A1-	9,2		80	139	95	40	10	☹
	DC160-08-09.300A1-	9,3		80	139	95	40	10	☹
	DC160-08-09.400A1-	9,4		80	139	95	40	10	☹
	DC160-08-09.500A1-	9,5		80	139	95	40	10	☹

Ordering example for the grade WJ30ET: DC160-08-03.000A1-WJ30ET

WALTER
SELECT

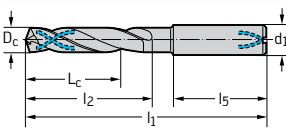
●● Primary application ● Other application
Best tool for → Good = ☺ → Average = ☹ → Poor = ☹ machining conditions

Tool		D _c m7 mm	D _c Inch/Nr	L _c mm	l ₁ mm	l ₂ mm	l ₅ mm	d ₁ h6 mm	WJ30ET
	Designation								
	DIN 6535 HA								
	DC160-08-09.525A1-	9,525	3/8"	80	139	95	40	10	☹
	DC160-08-09.600A1-	9,6		80	139	95	40	10	☹
	DC160-08-09.700A1-	9,7		80	139	95	40	10	☹
	DC160-08-09.800A1-	9,8		80	139	95	40	10	☹
	DC160-08-09.900A1-	9,9		80	139	95	40	10	☹
	DC160-08-09.922A1-	9,922	25/64"	80	139	95	40	10	☹
	DC160-08-10.000A1-	10		80	139	95	40	10	☹
	DC160-08-10.100A1-	10,1		96	163	114	45	12	☹
	DC160-08-10.200A1-	10,2		96	163	114	45	12	☹
	DC160-08-10.300A1-	10,3		96	163	114	45	12	☹
	DC160-08-10.319A1-	10,319	13/32"	96	163	114	45	12	☹
	DC160-08-10.400A1-	10,4		96	163	114	45	12	☹
	DC160-08-10.500A1-	10,5		96	163	114	45	12	☹
	DC160-08-10.600A1-	10,6		96	163	114	45	12	☹
	DC160-08-10.700A1-	10,7		96	163	114	45	12	☹
	DC160-08-10.716A1-	10,716	27/64"	96	163	114	45	12	☹
	DC160-08-10.800A1-	10,8		96	163	114	45	12	☹
	DC160-08-10.900A1-	10,9		96	163	114	45	12	☹
	DC160-08-11.000A1-	11		96	163	114	45	12	☹
	DC160-08-11.100A1-	11,1		96	163	114	45	12	☹
	DC160-08-11.113A1-	11,113	7/16"	96	163	114	45	12	☹
	DC160-08-11.200A1-	11,2		96	163	114	45	12	☹
	DC160-08-11.300A1-	11,3		96	163	114	45	12	☹
	DC160-08-11.400A1-	11,4		96	163	114	45	12	☹
	DC160-08-11.500A1-	11,5		96	163	114	45	12	☹
	DC160-08-11.509A1-	11,509	29/64"	96	163	114	45	12	☹
	DC160-08-11.600A1-	11,6		96	163	114	45	12	☹
	DC160-08-11.700A1-	11,7		96	163	114	45	12	☹
	DC160-08-11.800A1-	11,8		96	163	114	45	12	☹
	DC160-08-11.900A1-	11,9		96	163	114	45	12	☹
	DC160-08-11.906A1-	11,906	15/32"	96	163	114	45	12	☹
	DC160-08-12.000A1-	12		96	163	114	45	12	☹
	DC160-08-12.303A1-	12,303	31/64"	119	182	133	45	14	☹
	DC160-08-12.500A1-	12,5		119	182	133	45	14	☹
	DC160-08-12.700A1-	12,700	1/2"	119	182	133	45	14	☹
	DC160-08-13.000A1-	13		119	182	133	45	14	☹
	DC160-08-13.494A1-	13,494	17/32"	119	182	133	45	14	☹
	DC160-08-13.500A1-	13,5		119	182	133	45	14	☹
	DC160-08-14.000A1-	14		119	182	133	45	14	☹
	DC160-08-14.288A1-	14,288	9/16"	136	204	152	48	16	☹
	DC160-08-14.500A1-	14,5		136	204	152	48	16	☹
	DC160-08-15.000A1-	15		136	204	152	48	16	☹
	DC160-08-15.500A1-	15,5		136	204	152	48	16	☹
	DC160-08-15.875A1-	15,875	5/8"	136	204	152	48	16	☹
	DC160-08-16.000A1-	16		136	204	152	48	16	☹
	DC160-08-16.500A1-	16,5		153	223	171	48	18	☹

Ordering example for the grade WJ30ET: DC160-08-03.000A1-WJ30ET

**WALTER
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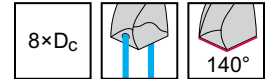
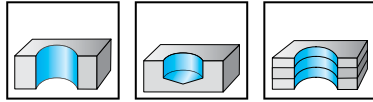
● ● Primary application ● Other application
 Best tool for → Good = ☺ → Average = ☹ → Poor = ☹ machining conditions

Tool		D _c m7 mm	D _c inch/Nr	L _c mm	l ₁ mm	l ₂ mm	l ₅ mm	d ₁ h6 mm	WJ30ET
 DIN 6535 HA	Designation								
	DC160-08-17.000A1-	17		153	223	171	48	18	☺
	DC160-08-17.500A1-	17,5		153	223	171	48	18	☺
	DC160-08-18.000A1-	18		153	223	171	48	18	☺
	DC160-08-18.500A1-	18,5		170	244	190	50	20	☺
	DC160-08-19.000A1-	19		170	244	190	50	20	☺
	DC160-08-19.050A1-	19,050	3/4"	170	244	190	50	20	☺
	DC160-08-19.500A1-	19,5		170	244	190	50	20	☺
	DC160-08-20.000A1-	20		170	244	190	50	20	☺

Ordering example for the grade WJ30ET: DC160-08-03.000A1-WJ30ET

Solid carbide drills with coolant-through

DC150 Perform



	P	M	K	N	S	H	O
WJ30TA	●●	●	●●	●●	●●	●	●

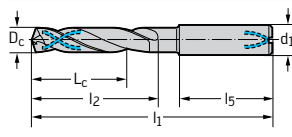
B1

Tool	Designation	D _c mm	D _c Inch/Nr	L _c mm	l ₁ mm	l ₂ mm	l ₅ mm	d ₁ h6 mm	WJ30TA
DIN 6535 HA	DC150-08-03.000A1-	3		28	74	34	36	6	☺
	DC150-08-03.100A1-	3,1		28	74	34	36	6	☺
	DC150-08-03.175A1-	3,175	1/8"	28	74	34	36	6	☺
	DC150-08-03.200A1-	3,2		28	74	34	36	6	☺
	DC150-08-03.300A1-	3,3		28	74	34	36	6	☺
	DC150-08-03.400A1-	3,4		28	74	34	36	6	☺
	DC150-08-03.500A1-	3,5		28	74	34	36	6	☺
	DC150-08-03.572A1-	3,572	9/64"	28	74	34	36	6	☺
	DC150-08-03.600A1-	3,6		28	74	34	36	6	☺
	DC150-08-03.700A1-	3,7		28	74	34	36	6	☺
	DC150-08-03.800A1-	3,8		37	85	45	36	6	☺
	DC150-08-03.900A1-	3,9		37	85	45	36	6	☺
	DC150-08-03.969A1-	3,969	5/32"	37	85	45	36	6	☺
	DC150-08-04.000A1-	4		37	85	45	36	6	☺
	DC150-08-04.100A1-	4,1		37	85	45	36	6	☺
	DC150-08-04.200A1-	4,2		37	85	45	36	6	☺
	DC150-08-04.300A1-	4,3		37	85	45	36	6	☺
	DC150-08-04.366A1-	4,366	11/64"	37	85	45	36	6	☺
	DC150-08-04.400A1-	4,4		37	85	45	36	6	☺
	DC150-08-04.500A1-	4,5		37	85	45	36	6	☺
	DC150-08-04.600A1-	4,6		37	85	45	36	6	☺
	DC150-08-04.700A1-	4,7		37	85	45	36	6	☺
	DC150-08-04.763A1-	4,763	3/16"	48	97	57	36	6	☺
	DC150-08-04.800A1-	4,8		48	97	57	36	6	☺
	DC150-08-04.900A1-	4,9		48	97	57	36	6	☺
	DC150-08-05.000A1-	5		48	97	57	36	6	☺
	DC150-08-05.100A1-	5,1		48	97	57	36	6	☺
	DC150-08-05.159A1-	5,159	13/64"	48	97	57	36	6	☺
	DC150-08-05.200A1-	5,2		48	97	57	36	6	☺
	DC150-08-05.300A1-	5,3		48	97	57	36	6	☺
	DC150-08-05.400A1-	5,4		48	97	57	36	6	☺
	DC150-08-05.500A1-	5,5		48	97	57	36	6	☺
	DC150-08-05.556A1-	5,556	7/32"	48	97	57	36	6	☺
	DC150-08-05.600A1-	5,6		48	97	57	36	6	☺
	DC150-08-05.700A1-	5,7		48	97	57	36	6	☺
	DC150-08-05.800A1-	5,8		48	97	57	36	6	☺

Ordering example for the grade WJ30TA: DC150-08-03.000A1-WJ30TA

**WALTER
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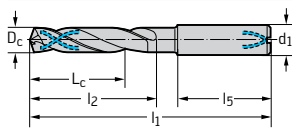
●● Primary application ● Other application
 Best tool for → Good = ☺ → Average = ☹ → Poor = ☹ machining conditions

Tool	Designation	D _c m7 mm	D _c Inch/Nr	L _c mm	l ₁ mm	l ₂ mm	l ₅ mm	d ₁ h6 mm	WJ30TA
	DC150-08-05.900A1-	5,9		48	97	57	36	6	☹
	DC150-08-05.953A1-	5,953	15/64"	48	97	57	36	6	☹
	DC150-08-06.000A1-	6		48	97	57	36	6	☹
	DC150-08-06.100A1-	6,1		55	106	66	36	8	☹
	DC150-08-06.200A1-	6,2		55	106	66	36	8	☹
	DC150-08-06.300A1-	6,3		55	106	66	36	8	☹
	DC150-08-06.350A1-	6,350	1/4"	55	106	66	36	8	☹
	DC150-08-06.400A1-	6,4		55	106	66	36	8	☹
	DC150-08-06.500A1-	6,5		55	106	66	36	8	☹
	DC150-08-06.600A1-	6,6		55	106	66	36	8	☹
	DC150-08-06.700A1-	6,7		55	106	66	36	8	☹
	DC150-08-06.747A1-	6,747	17/64"	55	106	66	36	8	☹
	DC150-08-06.800A1-	6,8		55	106	66	36	8	☹
	DC150-08-06.900A1-	6,9		55	106	66	36	8	☹
	DC150-08-07.000A1-	7		55	106	66	36	8	☹
	DC150-08-07.100A1-	7,1		64	116	76	36	8	☹
	DC150-08-07.144A1-	7,144	9/32"	64	116	76	36	8	☹
	DC150-08-07.200A1-	7,2		64	116	76	36	8	☹
	DC150-08-07.300A1-	7,3		64	116	76	36	8	☹
	DC150-08-07.400A1-	7,4		64	116	76	36	8	☹
	DC150-08-07.500A1-	7,5		64	116	76	36	8	☹
	DC150-08-07.541A1-	7,541	19/64"	64	116	76	36	8	☹
	DC150-08-07.600A1-	7,6		64	116	76	36	8	☹
	DC150-08-07.700A1-	7,7		64	116	76	36	8	☹
	DC150-08-07.800A1-	7,8		64	116	76	36	8	☹
	DC150-08-07.900A1-	7,9		64	116	76	36	8	☹
	DC150-08-07.938A1-	7,938	5/16"	64	116	76	36	8	☹
	DC150-08-08.000A1-	8		64	116	76	36	8	☹
	DC150-08-08.100A1-	8,1		80	139	95	40	10	☹
	DC150-08-08.200A1-	8,2		80	139	95	40	10	☹
	DC150-08-08.300A1-	8,3		80	139	95	40	10	☹
	DC150-08-08.334A1-	8,334	21/64"	80	139	95	40	10	☹
	DC150-08-08.400A1-	8,4		80	139	95	40	10	☹
	DC150-08-08.500A1-	8,5		80	139	95	40	10	☹
	DC150-08-08.600A1-	8,6		80	139	95	40	10	☹
	DC150-08-08.700A1-	8,7		80	139	95	40	10	☹
	DC150-08-08.731A1-	8,731	11/32"	80	139	95	40	10	☹
	DC150-08-08.800A1-	8,8		80	139	95	40	10	☹
	DC150-08-08.900A1-	8,9		80	139	95	40	10	☹
	DC150-08-09.000A1-	9		80	139	95	40	10	☹
	DC150-08-09.100A1-	9,1		80	139	95	40	10	☹
	DC150-08-09.128A1-	9,128	23/64"	80	139	95	40	10	☹
	DC150-08-09.200A1-	9,2		80	139	95	40	10	☹
	DC150-08-09.300A1-	9,3		80	139	95	40	10	☹
	DC150-08-09.400A1-	9,4		80	139	95	40	10	☹
	DC150-08-09.500A1-	9,5		80	139	95	40	10	☹

Ordering example for the grade WJ30TA: DC150-08-03.000A1-WJ30TA

WALTER
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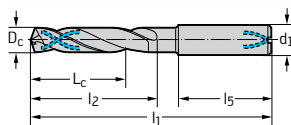
● ● Primary application ● Other application
Best tool for → Good = ☺ → Average = ☹ → Poor = ☹ machining conditions

Tool	Designation	D _c m7 mm	D _c Inch/Nr	L _c mm	l ₁ mm	l ₂ mm	l ₅ mm	d ₁ h6 mm	WJ30TA
	DC150-08-09.525A1-	9,525	3/8"	80	139	95	40	10	☹
	DC150-08-09.600A1-	9,6		80	139	95	40	10	☹
DIN 6535 HA	DC150-08-09.700A1-	9,7		80	139	95	40	10	☹
	DC150-08-09.800A1-	9,8		80	139	95	40	10	☹
	DC150-08-09.900A1-	9,9		80	139	95	40	10	☹
	DC150-08-09.922A1-	9,922	25/64"	80	139	95	40	10	☹
	DC150-08-10.000A1-	10		80	139	95	40	10	☹
	DC150-08-10.100A1-	10,1		96	163	114	45	12	☹
	DC150-08-10.200A1-	10,2		96	163	114	45	12	☹
	DC150-08-10.300A1-	10,3		96	163	114	45	12	☹
	DC150-08-10.319A1-	10,319	13/32"	96	163	114	45	12	☹
	DC150-08-10.400A1-	10,4		96	163	114	45	12	☹
	DC150-08-10.500A1-	10,5		96	163	114	45	12	☹
	DC150-08-10.700A1-	10,7		96	163	114	45	12	☹
	DC150-08-10.716A1-	10,716	27/64"	96	163	114	45	12	☹
	DC150-08-10.800A1-	10,8		96	163	114	45	12	☹
	DC150-08-10.900A1-	10,9		96	163	114	45	12	☹
	DC150-08-11.000A1-	11		96	163	114	45	12	☹
	DC150-08-11.100A1-	11,1		96	163	114	45	12	☹
	DC150-08-11.113A1-	11,113	7/16"	96	163	114	45	12	☹
	DC150-08-11.200A1-	11,2		96	163	114	45	12	☹
	DC150-08-11.300A1-	11,3		96	163	114	45	12	☹
	DC150-08-11.500A1-	11,5		96	163	114	45	12	☹
	DC150-08-11.600A1-	11,6		96	163	114	45	12	☹
	DC150-08-11.700A1-	11,7		96	163	114	45	12	☹
	DC150-08-11.800A1-	11,8		96	163	114	45	12	☹
	DC150-08-11.900A1-	11,9		96	163	114	45	12	☹
	DC150-08-11.906A1-	11,906	15/32"	96	163	114	45	12	☹
	DC150-08-12.000A1-	12		96	163	114	45	12	☹
	DC150-08-12.303A1-	12,303	31/64"	119	182	133	45	14	☹
	DC150-08-12.500A1-	12,5		119	182	133	45	14	☹
	DC150-08-12.700A1-	12,700	1/2"	119	182	133	45	14	☹
	DC150-08-13.000A1-	13		119	182	133	45	14	☹
	DC150-08-13.494A1-	13,494	17/32"	119	182	133	45	14	☹
	DC150-08-13.500A1-	13,5		119	182	133	45	14	☹
	DC150-08-14.000A1-	14		119	182	133	45	14	☹
	DC150-08-14.288A1-	14,288	9/16"	136	204	152	48	16	☹
	DC150-08-14.500A1-	14,5		136	204	152	48	16	☹
	DC150-08-15.000A1-	15		136	204	152	48	16	☹
	DC150-08-15.500A1-	15,5		136	204	152	48	16	☹
	DC150-08-15.875A1-	15,875	5/8"	136	204	152	48	16	☹
	DC150-08-16.000A1-	16		136	204	152	48	16	☹
	DC150-08-16.500A1-	16,5		153	223	171	48	18	☹
	DC150-08-17.000A1-	17		153	223	171	48	18	☹
	DC150-08-17.500A1-	17,5		153	223	171	48	18	☹
	DC150-08-18.000A1-	18		153	223	171	48	18	☹

Ordering example for the grade WJ30TA: DC150-08-03.000A1-WJ30TA

**WALTER
SELECT**

● ● Primary application ● Other application
 Best tool for → Good = ☺ → Average = ☹ → Poor = ☹ machining conditions

Tool		D _c m7 mm	D _c inch/Nr	L _c mm	l ₁ mm	l ₂ mm	l ₅ mm	d ₁ h6 mm	WJ30TA
	Designation								
	DC150-08-18.500A1-	18,5		170	244	190	50	20	☹☹
	DC150-08-19.000A1-	19		170	244	190	50	20	☹☹
	DC150-08-19.050A1-	19,050	3/4"	170	244	190	50	20	☹☹
	DC150-08-19.500A1-	19,5		170	244	190	50	20	☹☹
DIN 6535 HA	DC150-08-20.000A1-	20		170	244	190	50	20	☹☹

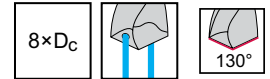
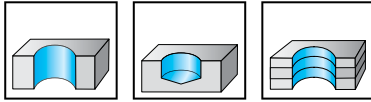
Ordering example for the grade WJ30TA: DC150-08-03.000A1-WJ30TA

B1

Solid carbide drills with coolant-through

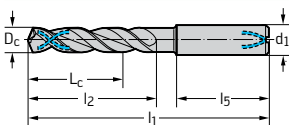
A3486TIP

Alpha® 44



	P	M	K	N	S	H	O
TIP	●●	●	●	●●	●		●

B1

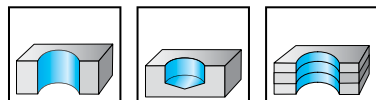
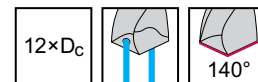
Tool		D _c mm	L _c mm	l ₁ mm	l ₂ mm	l ₅ mm	d ₁ h6 mm
 DIN 6535 HA	Designation						
	A3486TIP-5	5	54	101	63	36	6
	A3486TIP-5.5	5.5	54	101	63	36	6
	A3486TIP-6	6	54	101	63	36	6
	A3486TIP-6.1	6.1	67	117	79	36	8
	A3486TIP-6.5	6.5	67	117	79	36	8
	A3486TIP-6.8	6.8	67	117	79	36	8
	A3486TIP-7	7	67	117	79	36	8
	A3486TIP-8	8	67	117	79	36	8

WALTER
SELECT

●● Primary application ● Other application
 Best tool for → Good = 😊 → Average = 😐 → Poor = ☹️ machining conditions

Solid carbide micro drills with coolant-through

DB133 Supreme



	P	M	K	N	S	H	O
WJ30ER	●●	●●	●●	●●	●●	●	●

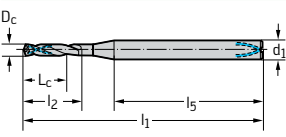
Tool		D _c h7 mm	D _c Inch/Nr	L _c mm	l ₁ mm	l ₂ mm	l ₅ mm	d ₁ h6 mm	WJ30ER
	Designation								
	DB133-12-00.700A1-	0,7		9,9	53	11	35	3	☹
	DB133-12-00.750A1-	0,75		10,8	53	12	34	3	☹
	DB133-12-00.794A1-	0,794	1/32"	10,8	53	12	34	3	☹
	DB133-12-00.800A1-	0,8		10,8	53	12	34	3	☹
	DB133-12-00.850A1-	0,85		12,6	57	14	36	3	☹
	DB133-12-00.900A1-	0,9		12,6	57	14	36	3	☹
	DB133-12-00.950A1-	0,95		14,5	57	16	34	3	☹
	DB133-12-01.000A1-	1		14,5	57	16	34	3	☹
	DB133-12-01.050A1-	1,05		15	59	17	36	3	☹
	DB133-12-01.100A1-	1,1		15	59	17	36	3	☹
	DB133-12-01.150A1-	1,15		17	59	19	34	3	☹
	DB133-12-01.191A1-	1,191	3/64"	17	59	19	34	3	☹
	DB133-12-01.200A1-	1,2		17	59	19	34	3	☹
	DB133-12-01.250A1-	1,25		17	59	19	34	3	☹
	DB133-12-01.300A1-	1,3		18	63	20	37	3	☹
	DB133-12-01.350A1-	1,35		19	63	22	35	3	☹
	DB133-12-01.400A1-	1,4		19	63	22	35	3	☹
	DB133-12-01.450A1-	1,45		20	63	23	34	3	☹
	DB133-12-01.500A1-	1,5		20	63	23	34	3	☹
	DB133-12-01.550A1-	1,55		22	67	25	37	3	☹
	DB133-12-01.588A1-	1,588	1/16"	22	67	25	37	3	☹
	DB133-12-01.600A1-	1,6		22	67	25	37	3	☹
	DB133-12-01.650A1-	1,65		23	67	26	36	3	☹
	DB133-12-01.700A1-	1,7		23	67	26	36	3	☹
	DB133-12-01.750A1-	1,75		25	67	28	34	3	☹
	DB133-12-01.800A1-	1,8		25	67	28	34	3	☹
	DB133-12-01.850A1-	1,85		26	72	29	38	3	☹
	DB133-12-01.900A1-	1,9		26	72	29	38	3	☹
	DB133-12-01.950A1-	1,95		28	72	31	36	3	☹
	DB133-12-01.984A1-	1,984	5/64"	28	72	31	36	3	☹
	DB133-12-02.000A1-	2		28	72	31	36	3	☹
	DB133-12-02.100A1-	2,1		29	72	33	35	3	☹
	DB133-12-02.200A1-	2,2		30	72	34	34	3	☹
	DB133-12-02.300A1-	2,3		32	77	36	37	3	☹
	DB133-12-02.381A1-	2,381	3/32"	33	77	37	36	3	☹
	DB133-12-02.400A1-	2,4		33	77	37	36	3	☹

Ordering example for the grade WJ30ER: DB133-12-00.700A1-WJ30ER

WALTER
SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = ☹ → Poor = ☹ machining conditions

Tool	Designation	D_c h7 mm	D_c Inch/Nr	L_c mm	l_1 mm	l_2 mm	l_5 mm	d_1 h6 mm	WJ30ER
 DIN 6535 HA	DB133-12-02.500A1-	2,5		35	77	39	34	3	☺☺
	DB133-12-02.600A1-	2,6		36	83	40	39	3	☺☺
	DB133-12-02.700A1-	2,7		37	83	42	38	3	☺☺
	DB133-12-02.778A1-	2,778	7/64"	38	83	43	37	3	☺☺
	DB133-12-02.800A1-	2,8		38	83	43	37	3	☺☺
	DB133-12-02.900A1-	2,9		40	83	45	35	3	☺☺

Ordering example for the grade WJ30ER: DB133-12-00.700A1-WJ30ER

B1

Solid carbide drills with coolant-through

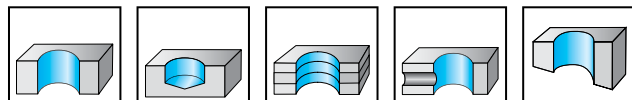
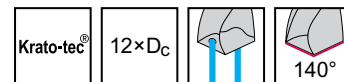
DC180 Supreme

X-treme Evo Plus

Powered by Krato-tec®



– with innovative Krato-tec® multilayer coating



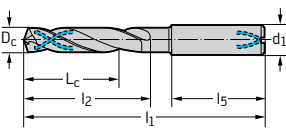
	P	M	K	N	S	H	O
WJ30EY	●●	●●	●●	●●	●●	●●	●

Tool	Designation	D _c mm	D _c Inch/Nr	L _c mm	l ₁ mm	l ₂ mm	l ₅ mm	d ₁ h6 mm	WJ30EY
DIN 6535 HA	DC180-12-03.000A1-	3		48	92	54	36	6	●●
	DC180-12-03.100A1-	3,1		48	92	54	36	6	●●
	DC180-12-03.175A1-	3,175	1/8"	48	92	54	36	6	●●
	DC180-12-03.200A1-	3,2		48	92	54	36	6	●●
	DC180-12-03.300A1-	3,3		48	92	54	36	6	●●
	DC180-12-03.400A1-	3,4		48	92	54	36	6	●●
	DC180-12-03.500A1-	3,5		48	92	54	36	6	●●
	DC180-12-03.572A1-	3,572	9/64"	48	92	54	36	6	●●
	DC180-12-03.600A1-	3,6		48	92	54	36	6	●●
	DC180-12-03.700A1-	3,7		48	92	54	36	6	●●
	DC180-12-03.800A1-	3,8		56	102	64	36	6	●●
	DC180-12-03.900A1-	3,9		56	102	64	36	6	●●
	DC180-12-03.969A1-	3,969	5/32"	56	102	64	36	6	●●
	DC180-12-04.000A1-	4		56	102	64	36	6	●●
	DC180-12-04.100A1-	4,1		56	102	64	36	6	●●
	DC180-12-04.200A1-	4,2		56	102	64	36	6	●●
	DC180-12-04.300A1-	4,3		56	102	64	36	6	●●
	DC180-12-04.366A1-	4,366	11/64"	56	102	64	36	6	●●
	DC180-12-04.400A1-	4,4		56	102	64	36	6	●●
	DC180-12-04.500A1-	4,5		56	102	64	36	6	●●
	DC180-12-04.600A1-	4,6		56	102	64	36	6	●●
	DC180-12-04.700A1-	4,7		56	102	64	36	6	●●
	DC180-12-04.763A1-	4,763	3/16"	74	121	83	36	6	●●
	DC180-12-04.800A1-	4,8		74	121	83	36	6	●●
	DC180-12-04.900A1-	4,9		74	121	83	36	6	●●
	DC180-12-05.000A1-	5		74	121	83	36	6	●●
	DC180-12-05.100A1-	5,1		74	121	83	36	6	●●
	DC180-12-05.159A1-	5,159	13/64"	74	121	83	36	6	●●
	DC180-12-05.200A1-	5,2		74	121	83	36	6	●●
	DC180-12-05.300A1-	5,3		74	121	83	36	6	●●
	DC180-12-05.400A1-	5,4		74	121	83	36	6	●●
	DC180-12-05.500A1-	5,5		74	121	83	36	6	●●
	DC180-12-05.550A1-	5,5		74	121	83	36	6	●●
	DC180-12-05.556A1-	5,556	7/32"	74	121	83	36	6	●●
	DC180-12-05.600A1-	5,6		74	121	83	36	6	●●
	DC180-12-05.700A1-	5,7		74	121	83	36	6	●●

Ordering example for the grade WJ30EY: DC180-12-03.000A1-WJ30EY

**WALTER
SELECT**

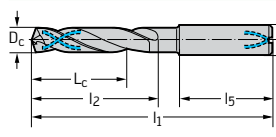
●● Primary application ● Other application
Best tool for → Good = 😊 → Average = 😐 → Poor = 😞 machining conditions

Tool	Designation	D _c mm	D _c Inch/Nr	L _c mm	l ₁ mm	l ₂ mm	l ₅ mm	d ₁ h6 mm	WJ30EY
	DC180-12-05.800A1-	5,8		74	121	83	36	6	☺
	DC180-12-05.900A1-	5,9		74	121	83	36	6	☺
DIN 6535 HA	DC180-12-06.000A1-	6		74	121	83	36	6	☺
	DC180-12-06.100A1-	6,1		98	148	110	36	8	☺
	DC180-12-06.200A1-	6,2		98	148	110	36	8	☺
	DC180-12-06.300A1-	6,3		98	148	110	36	8	☺
	DC180-12-06.350A1-	6,350	1/4"	98	148	110	36	8	☺
	DC180-12-06.400A1-	6,4		98	148	110	36	8	☺
	DC180-12-06.500A1-	6,5		98	148	110	36	8	☺
	DC180-12-06.600A1-	6,6		98	148	110	36	8	☺
	DC180-12-06.700A1-	6,7		98	148	110	36	8	☺
	DC180-12-06.747A1-	6,747	17/64"	98	148	110	36	8	☺
	DC180-12-06.800A1-	6,8		98	148	110	36	8	☺
	DC180-12-06.900A1-	6,9		98	148	110	36	8	☺
	DC180-12-07.000A1-	7		98	148	110	36	8	☺
	DC180-12-07.100A1-	7,1		98	148	110	36	8	☺
	DC180-12-07.144A1-	7,144	9/32"	98	148	110	36	8	☺
	DC180-12-07.200A1-	7,2		98	148	110	36	8	☺
	DC180-12-07.300A1-	7,3		98	148	110	36	8	☺
	DC180-12-07.400A1-	7,4		98	148	110	36	8	☺
	DC180-12-07.500A1-	7,5		98	148	110	36	8	☺
	DC180-12-07.541A1-	7,541	19/64"	98	148	110	36	8	☺
	DC180-12-07.800A1-	7,8		98	148	110	36	8	☺
	DC180-12-07.900A1-	7,9		98	148	110	36	8	☺
	DC180-12-07.938A1-	7,938	5/16"	98	148	110	36	8	☺
	DC180-12-08.000A1-	8		98	148	110	36	8	☺
	DC180-12-08.100A1-	8,1		123	180	138	40	10	☺
	DC180-12-08.200A1-	8,2		123	180	138	40	10	☺
	DC180-12-08.300A1-	8,3		123	180	138	40	10	☺
	DC180-12-08.400A1-	8,4		123	180	138	40	10	☺
	DC180-12-08.500A1-	8,5		123	180	138	40	10	☺
	DC180-12-08.600A1-	8,6		123	180	138	40	10	☺
	DC180-12-08.700A1-	8,7		123	180	138	40	10	☺
	DC180-12-08.731A1-	8,731	11/32"	123	180	138	40	10	☺
	DC180-12-08.800A1-	8,8		123	180	138	40	10	☺
	DC180-12-09.000A1-	9		123	180	138	40	10	☺
	DC180-12-09.128A1-	9,128	23/64"	123	180	138	40	10	☺
	DC180-12-09.200A1-	9,2		123	180	138	40	10	☺
	DC180-12-09.300A1-	9,3		123	180	138	40	10	☺
	DC180-12-09.500A1-	9,5		123	180	138	40	10	☺
	DC180-12-09.525A1-	9,525	3/8"	123	180	138	40	10	☺
	DC180-12-09.600A1-	9,6		123	180	138	40	10	☺
	DC180-12-09.700A1-	9,7		123	180	138	40	10	☺
	DC180-12-09.800A1-	9,8		123	180	138	40	10	☺
	DC180-12-09.922A1-	9,922	25/64"	123	180	138	40	10	☺
	DC180-12-10.000A1-	10		123	180	138	40	10	☺

Ordering example for the grade WJ30EY: DC180-12-03.000A1-WJ30EY

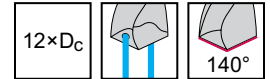
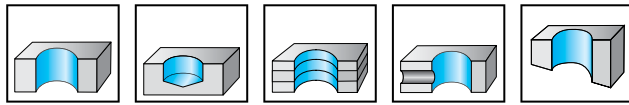
WALTER
SELECT

● ● Primary application ● Other application
 Best tool for → Good = ☺ → Average = ☹ → Poor = ☹ machining conditions

Tool	Designation	D _c m7 mm	D _c Inch/Nr	L _c mm	l ₁ mm	l ₂ mm	l ₅ mm	d ₁ h6 mm	WJ30EY
 DIN 6535 HA	DC180-12-10.100A1-	10,1		140	206	158	45	12	☹
	DC180-12-10.200A1-	10,2		140	206	158	45	12	☹
	DC180-12-10.300A1-	10,3		140	206	158	45	12	☹
	DC180-12-10.319A1-	10,319	13/32"	140	206	158	45	12	☹
	DC180-12-10.400A1-	10,4		140	206	158	45	12	☹
	DC180-12-10.500A1-	10,5		140	206	158	45	12	☹
	DC180-12-10.716A1-	10,716	27/64"	140	206	158	45	12	☹
	DC180-12-10.800A1-	10,8		140	206	158	45	12	☹
	DC180-12-11.000A1-	11		140	206	158	45	12	☹
	DC180-12-11.100A1-	11,1		140	206	158	45	12	☹
	DC180-12-11.113A1-	11,113	7/16"	140	206	158	45	12	☹
	DC180-12-11.200A1-	11,2		140	206	158	45	12	☹
	DC180-12-11.500A1-	11,5		140	206	158	45	12	☹
	DC180-12-11.509A1-	11,509	29/64"	140	206	158	45	12	☹
	DC180-12-11.700A1-	11,7		140	206	158	45	12	☹
	DC180-12-11.800A1-	11,8		140	206	158	45	12	☹
	DC180-12-11.906A1-	11,906	15/32"	140	206	158	45	12	☹
	DC180-12-12.000A1-	12		140	206	158	45	12	☹
	DC180-12-12.100A1-	12,1		168	230	182	45	14	☹
	DC180-12-12.200A1-	12,2		168	230	182	45	14	☹
	DC180-12-12.300A1-	12,3		168	230	182	45	14	☹
	DC180-12-12.303A1-	12,303	31/64"	168	230	182	45	14	☹
	DC180-12-12.500A1-	12,5		168	230	182	45	14	☹
	DC180-12-12.600A1-	12,6		168	230	182	45	14	☹
	DC180-12-12.700A1-	12,700	1/2"	168	230	182	45	14	☹
	DC180-12-13.000A1-	13		168	230	182	45	14	☹
	DC180-12-13.494A1-	13,494	17/32"	168	230	182	45	14	☹
	DC180-12-13.500A1-	13,5		168	230	182	45	14	☹
	DC180-12-14.000A1-	14		168	230	182	45	14	☹
	DC180-12-14.288A1-	14,288	9/16"	192	260	208	48	16	☹
	DC180-12-14.500A1-	14,5		192	260	208	48	16	☹
	DC180-12-15.000A1-	15		192	260	208	48	16	☹
	DC180-12-15.500A1-	15,5		192	260	208	48	16	☹
	DC180-12-15.875A1-	15,875	5/8"	192	260	208	48	16	☹
	DC180-12-16.000A1-	16		192	260	208	48	16	☹
	DC180-12-16.500A1-	16,5		216	285	234	48	18	☹
	DC180-12-17.000A1-	17		216	285	234	48	18	☹
	DC180-12-17.500A1-	17,5		216	285	234	48	18	☹
	DC180-12-18.000A1-	18		216	285	234	48	18	☹
	DC180-12-18.500A1-	18,5		238	310	258	50	20	☹
	DC180-12-19.000A1-	19		238	310	258	50	20	☹
	DC180-12-19.500A1-	19,5		238	310	258	50	20	☹
	DC180-12-20.000A1-	20		238	310	258	50	20	☹

Ordering example for the grade WJ30EY: DC180-12-03.000A1-WJ30EY

Solid carbide drills with coolant-through DC170 Supreme



	P	M	K	N	S	H	O
WJ30EJ	●●		●●			●	

B1

Tool	Designation	D _c mm	D _c Inch/Nr	L _c mm	l ₁ mm	l ₂ mm	l ₅ mm	d ₁ h6 mm	WJ30EJ
 DIN 6535 HA	DC170-12-03.000A1-	3		48	92	54	36	6	☹
	DC170-12-03.100A1-	3,1		48	92	54	36	6	☹
	DC170-12-03.175A1-	3,175	1/8"	48	92	54	36	6	☹
	DC170-12-03.200A1-	3,2		48	92	54	36	6	☹
	DC170-12-03.300A1-	3,3		48	92	54	36	6	☹
	DC170-12-03.400A1-	3,4		48	92	54	36	6	☹
	DC170-12-03.500A1-	3,5		48	92	54	36	6	☹
	DC170-12-03.572A1-	3,572	9/64"	48	92	54	36	6	☹
	DC170-12-03.600A1-	3,6		48	92	54	36	6	☹
	DC170-12-03.700A1-	3,7		48	92	54	36	6	☹
	DC170-12-03.800A1-	3,8		56	102	64	36	6	☹
	DC170-12-03.900A1-	3,9		56	102	64	36	6	☹
	DC170-12-03.969A1-	3,969	5/32"	56	102	64	36	6	☹
	DC170-12-04.000A1-	4		56	102	64	36	6	☹
	DC170-12-04.100A1-	4,1		56	102	64	36	6	☹
	DC170-12-04.200A1-	4,2		56	102	64	36	6	☹
	DC170-12-04.300A1-	4,3		56	102	64	36	6	☹
	DC170-12-04.366A1-	4,366	11/64"	56	102	64	36	6	☹
	DC170-12-04.400A1-	4,4		56	102	64	36	6	☹
	DC170-12-04.500A1-	4,5		56	102	64	36	6	☹
	DC170-12-04.600A1-	4,6		56	102	64	36	6	☹
	DC170-12-04.700A1-	4,7		56	102	64	36	6	☹
	DC170-12-04.763A1-	4,763	3/16"	74	121	83	36	6	☹
	DC170-12-04.800A1-	4,8		74	121	83	36	6	☹
	DC170-12-04.900A1-	4,9		74	121	83	36	6	☹
	DC170-12-05.000A1-	5		74	121	83	36	6	☹
	DC170-12-05.100A1-	5,1		74	121	83	36	6	☹
	DC170-12-05.159A1-	5,159	13/64"	74	121	83	36	6	☹
	DC170-12-05.200A1-	5,2		74	121	83	36	6	☹
	DC170-12-05.300A1-	5,3		74	121	83	36	6	☹
	DC170-12-05.400A1-	5,4		74	121	83	36	6	☹
	DC170-12-05.500A1-	5,5		74	121	83	36	6	☹
	DC170-12-05.550A1-	5,55		74	121	83	36	6	☹
	DC170-12-05.556A1-	5,556	7/32"	74	121	83	36	6	☹
	DC170-12-05.600A1-	5,6		74	121	83	36	6	☹
	DC170-12-05.700A1-	5,7		74	121	83	36	6	☹

Ordering example for the grade WJ30EJ: DC170-12-03.000A1-WJ30EJ

**WALTER
SELECT**

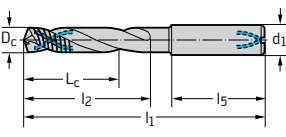
●● Primary application ● Other application
 Best tool for → Good = ☺ → Average = ☹ → Poor = ☹ machining conditions

Tool	Designation	D _c mm	D _c Inch/Nr	L _c mm	l ₁ mm	l ₂ mm	l ₅ mm	d ₁ h6 mm	WJ30EJ
DIN 6535 HA	DC170-12-05.800A1-	5,8		74	121	83	36	6	☺
	DC170-12-05.900A1-	5,9		74	121	83	36	6	☺
	DC170-12-06.000A1-	6		74	121	83	36	6	☺
	DC170-12-06.100A1-	6,1		98	148	110	36	8	☺
	DC170-12-06.200A1-	6,2		98	148	110	36	8	☺
	DC170-12-06.300A1-	6,3		98	148	110	36	8	☺
	DC170-12-06.350A1-	6,350	1/4"	98	148	110	36	8	☺
	DC170-12-06.400A1-	6,4		98	148	110	36	8	☺
	DC170-12-06.500A1-	6,5		98	148	110	36	8	☺
	DC170-12-06.600A1-	6,6		98	148	110	36	8	☺
	DC170-12-06.747A1-	6,747	17/64"	98	148	110	36	8	☺
	DC170-12-06.800A1-	6,8		98	148	110	36	8	☺
	DC170-12-06.900A1-	6,9		98	148	110	36	8	☺
	DC170-12-07.000A1-	7		98	148	110	36	8	☺
	DC170-12-07.100A1-	7,1		98	148	110	36	8	☺
	DC170-12-07.144A1-	7,144	9/32"	98	148	110	36	8	☺
	DC170-12-07.300A1-	7,3		98	148	110	36	8	☺
	DC170-12-07.400A1-	7,4		98	148	110	36	8	☺
	DC170-12-07.500A1-	7,5		98	148	110	36	8	☺
	DC170-12-07.541A1-	7,541	19/64"	98	148	110	36	8	☺
	DC170-12-07.800A1-	7,8		98	148	110	36	8	☺
	DC170-12-07.900A1-	7,9		98	148	110	36	8	☺
	DC170-12-07.938A1-	7,938	5/16"	98	148	110	36	8	☺
	DC170-12-08.000A1-	8		98	148	110	36	8	☺
	DC170-12-08.100A1-	8,1		123	180	138	40	10	☺
	DC170-12-08.200A1-	8,2		123	180	138	40	10	☺
	DC170-12-08.300A1-	8,3		123	180	138	40	10	☺
	DC170-12-08.400A1-	8,4		123	180	138	40	10	☺
	DC170-12-08.500A1-	8,5		123	180	138	40	10	☺
	DC170-12-08.600A1-	8,6		123	180	138	40	10	☺
	DC170-12-08.700A1-	8,7		123	180	138	40	10	☺
	DC170-12-08.731A1-	8,731	11/32"	123	180	138	40	10	☺
	DC170-12-08.800A1-	8,8		123	180	138	40	10	☺
	DC170-12-09.000A1-	9		123	180	138	40	10	☺
	DC170-12-09.128A1-	9,128	23/64"	123	180	138	40	10	☺
	DC170-12-09.300A1-	9,3		123	180	138	40	10	☺
	DC170-12-09.500A1-	9,5		123	180	138	40	10	☺
	DC170-12-09.525A1-	9,525	3/8"	123	180	138	40	10	☺
	DC170-12-09.600A1-	9,6		123	180	138	40	10	☺
	DC170-12-09.700A1-	9,7		123	180	138	40	10	☺
	DC170-12-09.800A1-	9,8		123	180	138	40	10	☺
	DC170-12-09.922A1-	9,922	25/64"	123	180	138	40	10	☺
	DC170-12-10.000A1-	10		123	180	138	40	10	☺
	DC170-12-10.100A1-	10,1		140	206	158	45	12	☺
	DC170-12-10.200A1-	10,2		140	206	158	45	12	☺
	DC170-12-10.300A1-	10,3		140	206	158	45	12	☺

Ordering example for the grade WJ30EJ: DC170-12-03.000A1-WJ30EJ

**WALTER
SELECT**

●● Primary application ● Other application
Best tool for → Good = ☺ → Average = ☹ → Poor = ☹ machining conditions

Tool		D _c mm	D _c Inch/Nr	L _c mm	l ₁ mm	l ₂ mm	l ₅ mm	d ₁ h6 mm	WJ30EJ
	Designation								
DIN 6535 HA	DC170-12-10.319A1-	10,319	13/32"	140	206	158	45	12	☺
	DC170-12-10.400A1-	10,4		140	206	158	45	12	☺
	DC170-12-10.500A1-	10,5		140	206	158	45	12	☺
	DC170-12-11.000A1-	11		140	206	158	45	12	☺
	DC170-12-11.100A1-	11,1		140	206	158	45	12	☺
	DC170-12-11.113A1-	11,113	7/16"	140	206	158	45	12	☺
	DC170-12-11.200A1-	11,2		140	206	158	45	12	☺
	DC170-12-11.500A1-	11,5		140	206	158	45	12	☺
	DC170-12-11.509A1-	11,509	29/64"	140	206	158	45	12	☺
	DC170-12-11.700A1-	11,7		140	206	158	45	12	☺
	DC170-12-11.800A1-	11,8		140	206	158	45	12	☺
	DC170-12-11.906A1-	11,906	15/32"	140	206	158	45	12	☺
	DC170-12-12.000A1-	12		140	206	158	45	12	☺
	DC170-12-12.200A1-	12,2		168	230	182	45	14	☺
	DC170-12-12.303A1-	12,303	31/64"	168	230	182	45	14	☺
	DC170-12-12.500A1-	12,5		168	230	182	45	14	☺
	DC170-12-12.600A1-	12,6		168	230	182	45	14	☺
	DC170-12-12.700A1-	12,700	1/2"	168	230	182	45	14	☺
	DC170-12-13.000A1-	13		168	230	182	45	14	☺
	DC170-12-13.494A1-	13,494	17/32"	168	230	182	45	14	☺
	DC170-12-13.500A1-	13,5		168	230	182	45	14	☺
	DC170-12-14.000A1-	14		168	230	182	45	14	☺
	DC170-12-14.288A1-	14,288	9/16"	192	260	208	48	16	☺
	DC170-12-14.500A1-	14,5		192	260	208	48	16	☺
	DC170-12-15.000A1-	15		192	260	208	48	16	☺
	DC170-12-15.500A1-	15,5		192	260	208	48	16	☺
	DC170-12-15.875A1-	15,875	5/8"	192	260	208	48	16	☺
	DC170-12-16.000A1-	16		192	260	208	48	16	☺
	DC170-12-16.500A1-	16,5		216	285	234	48	18	☺
	DC170-12-17.000A1-	17		216	285	234	48	18	☺
	DC170-12-17.500A1-	17,5		216	285	234	48	18	☺
	DC170-12-18.000A1-	18		216	285	234	48	18	☺
	DC170-12-19.000A1-	19		238	310	258	50	20	☺
	DC170-12-19.500A1-	19,5		238	310	258	50	20	☺
	DC170-12-20.000A1-	20		238	310	258	50	20	☺

Ordering example for the grade WJ30EJ: DC170-12-03.000A1-WJ30EJ

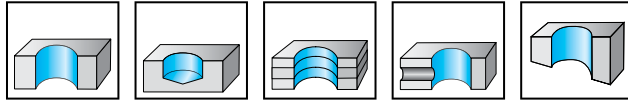
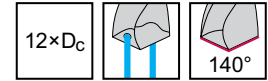
WALTER
SELECT

● ● Primary application ● Other application
 Best tool for → Good = ☺ → Average = ☹ → Poor = ☹ machining conditions

Solid carbide drills with coolant-through

DC160 Advance

X-treme Evo



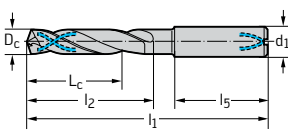
	P	M	K	N	S	H	O
WJ30EU	●●	●	●●	●●	●●	●	●

Tool	Designation	D _c mm	D _c Inch/Nr	L _c mm	l ₁ mm	l ₂ mm	l ₅ mm	d ₁ h6 mm	WJ30EU
DIN 6535 HA	DC160-12-03.000A1-	3		48	92	54	36	6	☹
	DC160-12-03.100A1-	3,1		48	92	54	36	6	☹
	DC160-12-03.175A1-	3,175	1/8"	48	92	54	36	6	☹
	DC160-12-03.200A1-	3,2		48	92	54	36	6	☹
	DC160-12-03.300A1-	3,3		48	92	54	36	6	☹
	DC160-12-03.400A1-	3,4		48	92	54	36	6	☹
	DC160-12-03.500A1-	3,5		48	92	54	36	6	☹
	DC160-12-03.572A1-	3,572	9/64"	48	92	54	36	6	☹
	DC160-12-03.600A1-	3,6		48	92	54	36	6	☹
	DC160-12-03.700A1-	3,7		48	92	54	36	6	☹
	DC160-12-03.800A1-	3,8		56	102	64	36	6	☹
	DC160-12-03.900A1-	3,9		56	102	64	36	6	☹
	DC160-12-03.969A1-	3,969	5/32"	56	102	64	36	6	☹
	DC160-12-04.000A1-	4		56	102	64	36	6	☹
	DC160-12-04.100A1-	4,1		56	102	64	36	6	☹
	DC160-12-04.200A1-	4,2		56	102	64	36	6	☹
	DC160-12-04.300A1-	4,3		56	102	64	36	6	☹
	DC160-12-04.366A1-	4,366	11/64"	56	102	64	36	6	☹
	DC160-12-04.400A1-	4,4		56	102	64	36	6	☹
	DC160-12-04.500A1-	4,5		56	102	64	36	6	☹
	DC160-12-04.600A1-	4,6		56	102	64	36	6	☹
	DC160-12-04.700A1-	4,7		56	102	64	36	6	☹
	DC160-12-04.763A1-	4,763	3/16"	74	121	83	36	6	☹
	DC160-12-04.800A1-	4,8		74	121	83	36	6	☹
	DC160-12-04.900A1-	4,9		74	121	83	36	6	☹
	DC160-12-05.000A1-	5		74	121	83	36	6	☹
	DC160-12-05.100A1-	5,1		74	121	83	36	6	☹
	DC160-12-05.159A1-	5,159	13/64"	74	121	83	36	6	☹
	DC160-12-05.200A1-	5,2		74	121	83	36	6	☹
	DC160-12-05.300A1-	5,3		74	121	83	36	6	☹
	DC160-12-05.400A1-	5,4		74	121	83	36	6	☹
	DC160-12-05.500A1-	5,5		74	121	83	36	6	☹
	DC160-12-05.550A1-	5,55		74	121	83	36	6	☹
	DC160-12-05.556A1-	5,556	7/32"	74	121	83	36	6	☹
	DC160-12-05.600A1-	5,6		74	121	83	36	6	☹
	DC160-12-05.700A1-	5,7		74	121	83	36	6	☹

Ordering example for the grade WJ30EU: DC160-12-03.000A1-WJ30EU

**WALTER
SELECT**

●● Primary application ● Other application
Best tool for → Good = ☺ → Average = ☹ → Poor = ☹ machining conditions

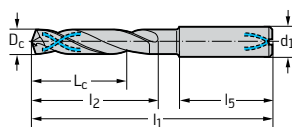
Tool	Designation	D _c m7 mm	D _c Inch/Nr	L _c mm	l ₁ mm	l ₂ mm	l ₅ mm	d ₁ h6 mm	WJ30EU
 DIN 6535 HA	DC160-12-05.800A1-	5,8		74	121	83	36	6	
	DC160-12-05.900A1-	5,9		74	121	83	36	6	
	DC160-12-06.000A1-	6		74	121	83	36	6	
	DC160-12-06.100A1-	6,1		98	148	110	36	8	
	DC160-12-06.200A1-	6,2		98	148	110	36	8	
	DC160-12-06.300A1-	6,3		98	148	110	36	8	
	DC160-12-06.350A1-	6,350	1/4"	98	148	110	36	8	
	DC160-12-06.400A1-	6,4		98	148	110	36	8	
	DC160-12-06.500A1-	6,5		98	148	110	36	8	
	DC160-12-06.600A1-	6,6		98	148	110	36	8	
	DC160-12-06.700A1-	6,7		98	148	110	36	8	
	DC160-12-06.747A1-	6,747	17/64"	98	148	110	36	8	
	DC160-12-06.800A1-	6,8		98	148	110	36	8	
	DC160-12-06.900A1-	6,9		98	148	110	36	8	
	DC160-12-07.000A1-	7		98	148	110	36	8	
	DC160-12-07.100A1-	7,1		98	148	110	36	8	
	DC160-12-07.144A1-	7,144	9/32"	98	148	110	36	8	
	DC160-12-07.200A1-	7,2		98	148	110	36	8	
	DC160-12-07.300A1-	7,3		98	148	110	36	8	
	DC160-12-07.400A1-	7,4		98	148	110	36	8	
	DC160-12-07.500A1-	7,5		98	148	110	36	8	
	DC160-12-07.541A1-	7,541	19/64"	98	148	110	36	8	
	DC160-12-07.800A1-	7,8		98	148	110	36	8	
	DC160-12-07.900A1-	7,9		98	148	110	36	8	
	DC160-12-07.938A1-	7,938	5/16"	98	148	110	36	8	
	DC160-12-08.000A1-	8		98	148	110	36	8	
	DC160-12-08.100A1-	8,1		123	180	138	40	10	
	DC160-12-08.200A1-	8,2		123	180	138	40	10	
	DC160-12-08.300A1-	8,3		123	180	138	40	10	
	DC160-12-08.400A1-	8,4		123	180	138	40	10	
	DC160-12-08.500A1-	8,5		123	180	138	40	10	
	DC160-12-08.600A1-	8,6		123	180	138	40	10	
	DC160-12-08.700A1-	8,7		123	180	138	40	10	
	DC160-12-08.731A1-	8,731	11/32"	123	180	138	40	10	
	DC160-12-08.800A1-	8,8		123	180	138	40	10	
	DC160-12-09.000A1-	9		123	180	138	40	10	
	DC160-12-09.128A1-	9,128	23/64"	123	180	138	40	10	
	DC160-12-09.200A1-	9,2		123	180	138	40	10	
	DC160-12-09.300A1-	9,3		123	180	138	40	10	
	DC160-12-09.500A1-	9,5		123	180	138	40	10	
DC160-12-09.525A1-	9,525	3/8"	123	180	138	40	10		
DC160-12-09.600A1-	9,6		123	180	138	40	10		
DC160-12-09.700A1-	9,7		123	180	138	40	10		
DC160-12-09.800A1-	9,8		123	180	138	40	10		
DC160-12-09.922A1-	9,922	25/64"	123	180	138	40	10		
DC160-12-10.000A1-	10		123	180	138	40	10		

Ordering example for the grade WJ30EU: DC160-12-03.000A1-WJ30EU

**WALTER
SELECT**

● ● Primary application ● Other application
 Best tool for → Good = ☺ → Average = ☹ → Poor = ☹ machining conditions

Tool



DIN 6535 HA

B1

Designation	D _c mm	D _c Inch/Nr	L _c mm	l ₁ mm	l ₂ mm	l ₅ mm	d ₁ h6 mm	WJ30EU
DC160-12-10.100A1-	10,1		140	206	158	45	12	☹
DC160-12-10.200A1-	10,2		140	206	158	45	12	☹
DC160-12-10.300A1-	10,3		140	206	158	45	12	☹
DC160-12-10.319A1-	10,319	13/32"	140	206	158	45	12	☹
DC160-12-10.400A1-	10,4		140	206	158	45	12	☹
DC160-12-10.500A1-	10,5		140	206	158	45	12	☹
DC160-12-10.716A1-	10,716	27/64"	140	206	158	45	12	☹
DC160-12-10.800A1-	10,8		140	206	158	45	12	☹
DC160-12-11.000A1-	11		140	206	158	45	12	☹
DC160-12-11.100A1-	11,1		140	206	158	45	12	☹
DC160-12-11.113A1-	11,113	7/16"	140	206	158	45	12	☹
DC160-12-11.200A1-	11,2		140	206	158	45	12	☹
DC160-12-11.500A1-	11,5		140	206	158	45	12	☹
DC160-12-11.509A1-	11,509	29/64"	140	206	158	45	12	☹
DC160-12-11.700A1-	11,7		140	206	158	45	12	☹
DC160-12-11.800A1-	11,8		140	206	158	45	12	☹
DC160-12-11.906A1-	11,906	15/32"	140	206	158	45	12	☹
DC160-12-12.000A1-	12		140	206	158	45	12	☹
DC160-12-12.100A1-	12,1		168	230	182	45	14	☹
DC160-12-12.200A1-	12,2		168	230	182	45	14	☹
DC160-12-12.300A1-	12,3		168	230	182	45	14	☹
DC160-12-12.303A1-	12,303	31/64"	168	230	182	45	14	☹
DC160-12-12.500A1-	12,5		168	230	182	45	14	☹
DC160-12-12.600A1-	12,6		168	230	182	45	14	☹
DC160-12-12.700A1-	12,700	1/2"	168	230	182	45	14	☹
DC160-12-13.000A1-	13		168	230	182	45	14	☹
DC160-12-13.494A1-	13,494	17/32"	168	230	182	45	14	☹
DC160-12-13.500A1-	13,5		168	230	182	45	14	☹
DC160-12-14.000A1-	14		168	230	182	45	14	☹
DC160-12-14.288A1-	14,288	9/16"	192	260	208	48	16	☹
DC160-12-14.500A1-	14,5		192	260	208	48	16	☹
DC160-12-15.000A1-	15		192	260	208	48	16	☹
DC160-12-15.500A1-	15,5		192	260	208	48	16	☹
DC160-12-15.875A1-	15,875	5/8"	192	260	208	48	16	☹
DC160-12-16.000A1-	16		192	260	208	48	16	☹
DC160-12-16.500A1-	16,5		216	285	234	48	18	☹
DC160-12-17.000A1-	17		216	285	234	48	18	☹
DC160-12-17.500A1-	17,5		216	285	234	48	18	☹
DC160-12-18.000A1-	18		216	285	234	48	18	☹
DC160-12-18.500A1-	18,5		238	310	258	50	20	☹
DC160-12-19.000A1-	19		238	310	258	50	20	☹
DC160-12-19.500A1-	19,5		238	310	258	50	20	☹
DC160-12-20.000A1-	20		238	310	258	50	20	☹

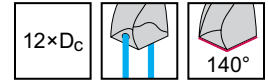
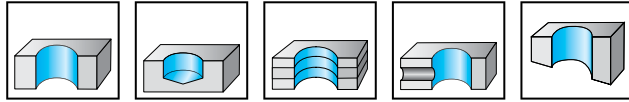
Ordering example for the grade WJ30EU: DC160-12-03.000A1-WJ30EU

WALTER
SELECT

● ● Primary application ● Other application
Best tool for → Good = ☺ → Average = ☹ → Poor = ☹ machining conditions

Solid carbide drills with coolant-through

DC150 Perform



	P	M	K	N	S	H	O
WJ30TA	●●	●	●●	●●	●●	●●	●

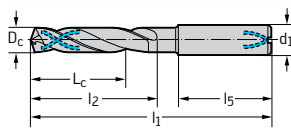
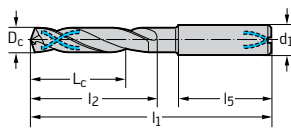
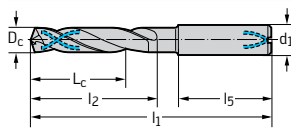
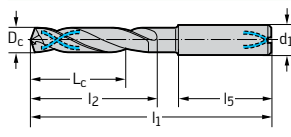
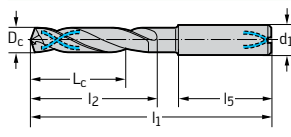
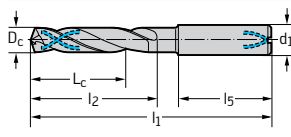
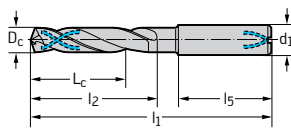
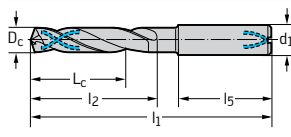
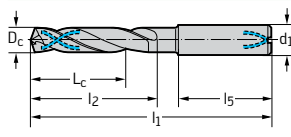
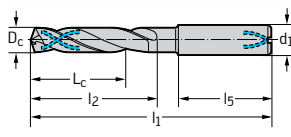
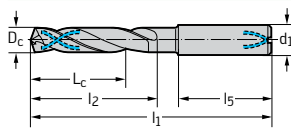
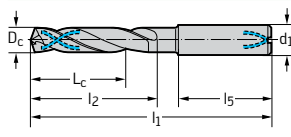
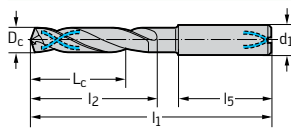
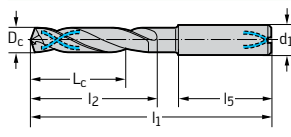
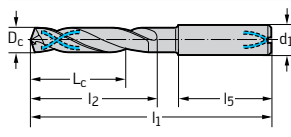
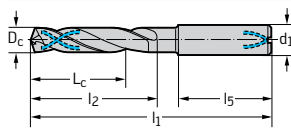
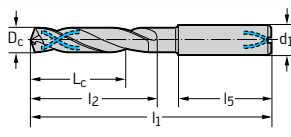
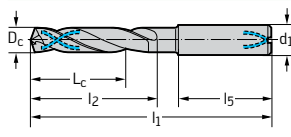
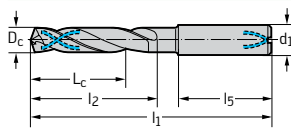
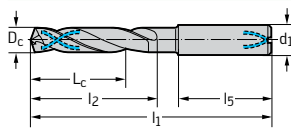
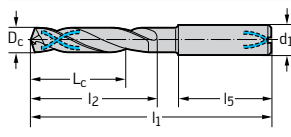
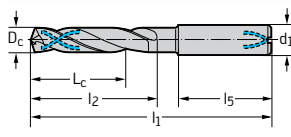
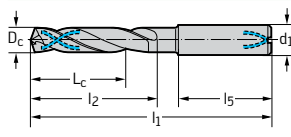
B1

Tool	Designation	D _c mm	D _c Inch/Nr	L _c mm	l ₁ mm	l ₂ mm	l ₅ mm	d ₁ h6 mm	WJ30TA
DIN 6535 HA	DC150-12-03.000A1-	3		48	92	54	36	6	☺
	DC150-12-03.100A1-	3,1		48	92	54	36	6	☺
	DC150-12-03.175A1-	3,175	1/8"	48	92	54	36	6	☺
	DC150-12-03.200A1-	3,2		48	92	54	36	6	☺
	DC150-12-03.300A1-	3,3		48	92	54	36	6	☺
	DC150-12-03.400A1-	3,4		48	92	54	36	6	☺
	DC150-12-03.500A1-	3,5		48	92	54	36	6	☺
	DC150-12-03.572A1-	3,572	9/64"	48	92	54	36	6	☺
	DC150-12-03.600A1-	3,6		48	92	54	36	6	☺
	DC150-12-03.700A1-	3,7		48	92	54	36	6	☺
	DC150-12-03.800A1-	3,8		56	102	64	36	6	☺
	DC150-12-03.900A1-	3,9		56	102	64	36	6	☺
	DC150-12-03.969A1-	3,969	5/32"	56	102	64	36	6	☺
	DC150-12-04.000A1-	4		56	102	64	36	6	☺
	DC150-12-04.100A1-	4,1		56	102	64	36	6	☺
	DC150-12-04.200A1-	4,2		56	102	64	36	6	☺
	DC150-12-04.300A1-	4,3		56	102	64	36	6	☺
	DC150-12-04.366A1-	4,366	11/64"	56	102	64	36	6	☺
	DC150-12-04.400A1-	4,4		56	102	64	36	6	☺
	DC150-12-04.500A1-	4,5		56	102	64	36	6	☺
	DC150-12-04.600A1-	4,6		56	102	64	36	6	☺
	DC150-12-04.700A1-	4,7		56	102	64	36	6	☺
	DC150-12-04.763A1-	4,763	3/16"	74	121	83	36	6	☺
	DC150-12-04.800A1-	4,8		74	121	83	36	6	☺
	DC150-12-04.900A1-	4,9		74	121	83	36	6	☺
	DC150-12-05.000A1-	5		74	121	83	36	6	☺
	DC150-12-05.100A1-	5,1		74	121	83	36	6	☺
	DC150-12-05.159A1-	5,159	13/64"	74	121	83	36	6	☺
	DC150-12-05.200A1-	5,2		74	121	83	36	6	☺
	DC150-12-05.300A1-	5,3		74	121	83	36	6	☺
	DC150-12-05.400A1-	5,4		74	121	83	36	6	☺
	DC150-12-05.500A1-	5,5		74	121	83	36	6	☺
	DC150-12-05.550A1-	5,55		74	121	83	36	6	☺
	DC150-12-05.556A1-	5,556	7/32"	74	121	83	36	6	☺
	DC150-12-05.600A1-	5,6		74	121	83	36	6	☺
	DC150-12-05.700A1-	5,7		74	121	83	36	6	☺

Ordering example for the grade WJ30TA: DC150-12-03.000A1-WJ30TA

**WALTER
SELECT**

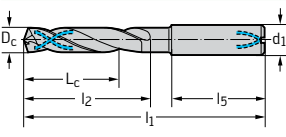
●● Primary application ● Other application
 Best tool for → Good = ☺ → Average = ☹ → Poor = ☹ machining conditions

Tool	Designation	D _c m7 mm	D _c Inch/Nr	L _c mm	l ₁ mm	l ₂ mm	l ₅ mm	d ₁ h6 mm	WJ30TA
	DC150-12-05.800A1-	5,8		74	121	83	36	6	☹
	DC150-12-05.900A1-	5,9		74	121	83	36	6	☹
	DC150-12-06.000A1-	6		74	121	83	36	6	☹
	DC150-12-06.100A1-	6,1		98	148	110	36	8	☹
	DC150-12-06.200A1-	6,2		98	148	110	36	8	☹
	DC150-12-06.300A1-	6,3		98	148	110	36	8	☹
	DC150-12-06.350A1-	6,350	1/4"	98	148	110	36	8	☹
	DC150-12-06.400A1-	6,4		98	148	110	36	8	☹
	DC150-12-06.500A1-	6,5		98	148	110	36	8	☹
	DC150-12-06.600A1-	6,6		98	148	110	36	8	☹
	DC150-12-06.700A1-	6,7		98	148	110	36	8	☹
	DC150-12-06.747A1-	6,747	17/64"	98	148	110	36	8	☹
	DC150-12-06.800A1-	6,8		98	148	110	36	8	☹
	DC150-12-06.900A1-	6,9		98	148	110	36	8	☹
	DC150-12-07.000A1-	7		98	148	110	36	8	☹
	DC150-12-07.100A1-	7,1		98	148	110	36	8	☹
	DC150-12-07.144A1-	7,144	9/32"	98	148	110	36	8	☹
	DC150-12-07.200A1-	7,2		98	148	110	36	8	☹
	DC150-12-07.300A1-	7,3		98	148	110	36	8	☹
	DC150-12-07.400A1-	7,4		98	148	110	36	8	☹
	DC150-12-07.500A1-	7,5		98	148	110	36	8	☹
	DC150-12-07.541A1-	7,541	19/64"	98	148	110	36	8	☹
	DC150-12-07.800A1-	7,8		98	148	110	36	8	☹
	DC150-12-07.900A1-	7,9		98	148	110	36	8	☹
	DC150-12-07.938A1-	7,938	5/16"	98	148	110	36	8	☹
	DC150-12-08.000A1-	8		98	148	110	36	8	☹
	DC150-12-08.100A1-	8,1		123	180	138	40	10	☹
	DC150-12-08.200A1-	8,2		123	180	138	40	10	☹
	DC150-12-08.300A1-	8,3		123	180	138	40	10	☹
	DC150-12-08.400A1-	8,4		123	180	138	40	10	☹
	DC150-12-08.500A1-	8,5		123	180	138	40	10	☹
	DC150-12-08.600A1-	8,6		123	180	138	40	10	☹
	DC150-12-08.700A1-	8,7		123	180	138	40	10	☹
	DC150-12-08.731A1-	8,731	11/32"	123	180	138	40	10	☹
	DC150-12-08.800A1-	8,8		123	180	138	40	10	☹
	DC150-12-09.000A1-	9		123	180	138	40	10	☹
	DC150-12-09.128A1-	9,128	23/64"	123	180	138	40	10	☹
	DC150-12-09.200A1-	9,2		123	180	138	40	10	☹
	DC150-12-09.300A1-	9,3		123	180	138	40	10	☹
	DC150-12-09.500A1-	9,5		123	180	138	40	10	☹
	DC150-12-09.525A1-	9,525	3/8"	123	180	138	40	10	☹
	DC150-12-09.600A1-	9,6		123	180	138	40	10	☹
	DC150-12-09.700A1-	9,7		123	180	138	40	10	☹
	DC150-12-09.800A1-	9,8		123	180	138	40	10	☹
	DC150-12-09.922A1-	9,922	25/64"	123	180	138	40	10	☹
	DC150-12-10.000A1-	10		123	180	138	40	10	☹

Ordering example for the grade WJ30TA: DC150-12-03.000A1-WJ30TA

WALTER
SELECT

● ● Primary application ● Other application
Best tool for → Good = ☺ → Average = ☹ → Poor = ☹ machining conditions

Tool		D _c mm	D _c Inch/Nr	L _c mm	l ₁ mm	l ₂ mm	l ₅ mm	d ₁ h6 mm	WJ30TA
	Designation								
DIN 6535 HA	DC150-12-10.100A1-	10,1		140	206	158	45	12	☺
	DC150-12-10.200A1-	10,2		140	206	158	45	12	☺
	DC150-12-10.300A1-	10,3		140	206	158	45	12	☺
	DC150-12-10.319A1-	10,319	13/32"	140	206	158	45	12	☺
	DC150-12-10.500A1-	10,5		140	206	158	45	12	☺
	DC150-12-10.716A1-	10,716	27/64"	140	206	158	45	12	☺
	DC150-12-10.800A1-	10,8		140	206	158	45	12	☺
	DC150-12-11.000A1-	11		140	206	158	45	12	☺
	DC150-12-11.100A1-	11,1		140	206	158	45	12	☺
	DC150-12-11.113A1-	11,113	7/16"	140	206	158	45	12	☺
	DC150-12-11.200A1-	11,2		140	206	158	45	12	☺
	DC150-12-11.500A1-	11,5		140	206	158	45	12	☺
	DC150-12-11.509A1-	11,509	29/64"	140	206	158	45	12	☺
	DC150-12-11.700A1-	11,7		140	206	158	45	12	☺
	DC150-12-11.800A1-	11,8		140	206	158	45	12	☺
	DC150-12-11.906A1-	11,906	15/32"	140	206	158	45	12	☺
	DC150-12-12.000A1-	12		140	206	158	45	12	☺
	DC150-12-12.100A1-	12,1		168	230	182	45	14	☺
	DC150-12-12.200A1-	12,2		168	230	182	45	14	☺
	DC150-12-12.300A1-	12,3		168	230	182	45	14	☺
	DC150-12-12.303A1-	12,303	31/64"	168	230	182	45	14	☺
	DC150-12-12.500A1-	12,5		168	230	182	45	14	☺
	DC150-12-12.600A1-	12,6		168	230	182	45	14	☺
	DC150-12-12.700A1-	12,700	1/2"	168	230	182	45	14	☺
	DC150-12-13.000A1-	13		168	230	182	45	14	☺
	DC150-12-13.494A1-	13,494	17/32"	168	230	182	45	14	☺
	DC150-12-13.500A1-	13,5		168	230	182	45	14	☺
	DC150-12-14.000A1-	14		168	230	182	45	14	☺
	DC150-12-14.288A1-	14,288	9/16"	192	260	208	48	16	☺
	DC150-12-14.500A1-	14,5		192	260	208	48	16	☺
	DC150-12-15.000A1-	15		192	260	208	48	16	☺
	DC150-12-15.500A1-	15,5		192	260	208	48	16	☺
	DC150-12-15.875A1-	15,875	5/8"	192	260	208	48	16	☺
	DC150-12-16.000A1-	16		192	260	208	48	16	☺
	DC150-12-16.500A1-	16,5		216	285	234	48	18	☺
	DC150-12-17.000A1-	17		216	285	234	48	18	☺
	DC150-12-17.500A1-	17,5		216	285	234	48	18	☺
	DC150-12-18.000A1-	18		216	285	234	48	18	☺
	DC150-12-19.000A1-	19		238	310	258	50	20	☺
	DC150-12-20.000A1-	20		238	310	258	50	20	☺

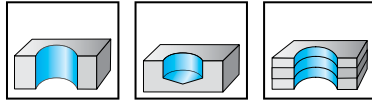
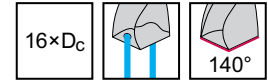
Ordering example for the grade WJ30TA: DC150-12-03.000A1-WJ30TA

**WALTER
SELECT**

● ● Primary application ● Other application
 Best tool for → Good = ☺ → Average = ☹ → Poor = ☹ machining conditions

Solid carbide micro drills with coolant-through

DB133 Supreme



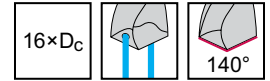
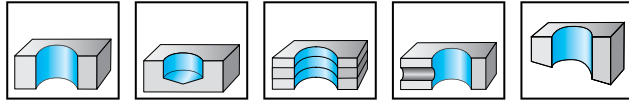
	P	M	K	N	S	H	O
WJ30ER	●●	●●	●●	●●	●	●	●

Tool	Designation	D _c h7 mm	D _c Inch/Nr	L _c mm	l ₁ mm	l ₂ mm	l ₅ mm	d ₁ h6 mm	WJ30ER
 DIN 6535 HA	DB133-16-02.000A1-	2		36	81	39	37	3	☺
	DB133-16-02.100A1-	2,1		37	81	41	36	3	☺
	DB133-16-02.200A1-	2,2		39	81	43	34	3	☺
	DB133-16-02.300A1-	2,3		41	87	45	38	3	☺
	DB133-16-02.381A1-	2,381	3/32"	43	87	47	36	3	☺
	DB133-16-02.400A1-	2,4		43	87	47	36	3	☺
	DB133-16-02.500A1-	2,5		45	87	49	34	3	☺
	DB133-16-02.600A1-	2,6		47	95	51	40	3	☺
	DB133-16-02.700A1-	2,7		48	95	53	39	3	☺
	DB133-16-02.778A1-	2,778	7/64"	50	95	55	37	3	☺
	DB133-16-02.800A1-	2,8		50	95	55	37	3	☺
	DB133-16-02.900A1-	2,9		52	95	57	35	3	☺

Ordering example for the grade WJ30ER: DB133-16-02.000A1-WJ30ER

Solid carbide drills with coolant-through

DC170 Supreme



	P	M	K	N	S	H	O
WJ30EJ	●●		●●			●	

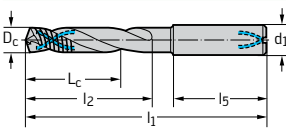
B1

Tool	Designation	D _c h7 mm	D _c Inch/Nr	L _c mm	l ₁ mm	l ₂ mm	l ₅ mm	d ₁ h6 mm	WJ30EJ
DIN 6535 HA	DC170-16-03.000A1-	3		52	89	57	28	4	☹
	DC170-16-03.175A1-	3,175	1/8"	60	98	66	28	4	☹
	DC170-16-03.500A1-	3,5		72	110	78	28	4	☹
	DC170-16-03.572A1-	3,572	9/64"	72	110	78	28	4	☹
	DC170-16-03.969A1-	3,969	5/32"	72	110	78	28	4	☹
	DC170-16-04.000A1-	4		72	110	78	28	4	☹
	DC170-16-04.500A1-	4,5		93	132	100	28	5	☹
	DC170-16-04.763A1-	4,763	3/16"	92	132	100	28	5	☹
	DC170-16-04.800A1-	4,8		92	132	100	28	5	☹
	DC170-16-05.000A1-	5		92	132	100	28	5	☹
	DC170-16-05.500A1-	5,5		101	150	110	36	6	☹
	DC170-16-05.556A1-	5,556	7/32"	111	160	120	36	6	☹
	DC170-16-05.800A1-	5,8		111	160	120	36	6	☹
	DC170-16-06.000A1-	6		111	160	120	36	6	☹
	DC170-16-06.100A1-	6,1		124	175	135	36	8	☹
	DC170-16-06.350A1-	6,350	1/4"	124	175	135	36	8	☹
	DC170-16-06.500A1-	6,5		124	175	135	36	8	☹
	DC170-16-06.800A1-	6,8		124	175	135	36	8	☹
	DC170-16-07.000A1-	7		124	175	135	36	8	☹
	DC170-16-07.144A1-	7,144	9/32"	140	192	152	36	8	☹
	DC170-16-07.400A1-	7,4		140	192	152	36	8	☹
	DC170-16-07.500A1-	7,5		140	192	152	36	8	☹
	DC170-16-07.938A1-	7,938	5/16"	140	192	152	36	8	☹
	DC170-16-08.000A1-	8		140	192	152	36	8	☹
	DC170-16-08.500A1-	8,5		148	206	162	40	10	☹
	DC170-16-08.731A1-	8,731	11/32"	148	206	162	40	10	☹
	DC170-16-09.000A1-	9		148	206	162	40	10	☹
	DC170-16-09.525A1-	9,525	3/8"	165	224	180	40	10	☹
	DC170-16-09.800A1-	9,8		165	224	180	40	10	☹
	DC170-16-10.000A1-	10		165	224	180	40	10	☹
	DC170-16-10.200A1-	10,2		181	247	198	45	12	☹
	DC170-16-10.319A1-	10,319	13/32"	181	247	198	45	12	☹
	DC170-16-11.000A1-	11		181	247	198	45	12	☹
	DC170-16-11.113A1-	11,113	7/16"	198	265	216	45	12	☹
	DC170-16-11.500A1-	11,5		198	265	216	45	12	☹
	DC170-16-11.800A1-	11,8		198	265	216	45	12	☹

Ordering example for the grade WJ30EJ: DC170-16-03.000A1-WJ30EJ

**WALTER
SELECT**

●● Primary application ● Other application
 Best tool for → Good = ☺ → Average = ☹ → Poor = ☹ machining conditions

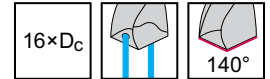
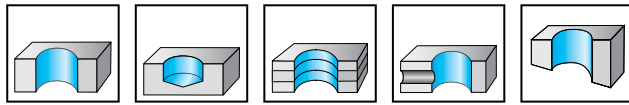
Tool		D _c h7 mm	D _c inch/Nr	L _c mm	l ₁ mm	l ₂ mm	l ₅ mm	d ₁ h6 mm	WJ30EJ
 DIN 6535 HA	Designation								
	DC170-16-11.906A1-	11,906	15/32"	198	265	216	45	12	☹
	DC170-16-12.000A1-	12		198	265	216	45	12	☹
	DC170-16-12.700A1-	12,700	1/2"	238	301	252	45	14	☹
	DC170-16-13.000A1-	13		238	301	252	45	14	☹
	DC170-16-14.000A1-	14		238	301	252	45	14	☹
	DC170-16-14.288A1-	14,288	9/16"	272	340	288	48	16	☹
	DC170-16-15.000A1-	15		272	340	288	48	16	☹
	DC170-16-16.000A1-	16		272	340	288	48	16	☹

Ordering example for the grade WJ30EJ: DC170-16-03.000A1-WJ30EJ

Solid carbide drills with coolant-through

DC160 Advance

X-treme Evo



	P	M	K	N	S	H	O
WJ30EU	●●	●	●●	●●	●●	●	●

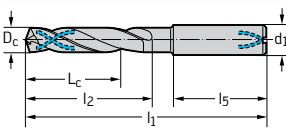
B1

Tool	Designation	D _c h7 mm	D _c Inch/Nr	L _c mm	l ₁ mm	l ₂ mm	l ₅ mm	d ₁ h6 mm	WJ30EU
DIN 6535 HA	DC160-16-03.000A1-	3		52	89	57	28	4	☹
	DC160-16-03.175A1-	3,175	1/8"	60	98	66	28	4	☹
	DC160-16-03.500A1-	3,5		72	110	78	28	4	☹
	DC160-16-03.572A1-	3,572	9/64"	72	110	78	28	4	☹
	DC160-16-03.969A1-	3,969	5/32"	72	110	78	28	4	☹
	DC160-16-04.000A1-	4		72	110	78	28	4	☹
	DC160-16-04.500A1-	4,5		93	132	100	28	5	☹
	DC160-16-04.763A1-	4,763	3/16"	92	132	100	28	5	☹
	DC160-16-04.800A1-	4,8		92	132	100	28	5	☹
	DC160-16-05.000A1-	5		92	132	100	28	5	☹
	DC160-16-05.500A1-	5,5		101	150	110	36	6	☹
	DC160-16-05.556A1-	5,556	7/32"	111	160	120	36	6	☹
	DC160-16-05.800A1-	5,8		111	160	120	36	6	☹
	DC160-16-06.000A1-	6		111	160	120	36	6	☹
	DC160-16-06.100A1-	6,1		124	175	135	36	8	☹
	DC160-16-06.350A1-	6,350	1/4"	124	175	135	36	8	☹
	DC160-16-06.500A1-	6,5		124	175	135	36	8	☹
	DC160-16-06.800A1-	6,8		124	175	135	36	8	☹
	DC160-16-07.000A1-	7		124	175	135	36	8	☹
	DC160-16-07.144A1-	7,144	9/32"	140	192	152	36	8	☹
	DC160-16-07.400A1-	7,4		140	192	152	36	8	☹
	DC160-16-07.500A1-	7,5		140	192	152	36	8	☹
	DC160-16-07.938A1-	7,938	5/16"	140	192	152	36	8	☹
	DC160-16-08.000A1-	8		140	192	152	36	8	☹
	DC160-16-08.300A1-	8,3		148	206	162	40	10	☹
	DC160-16-08.500A1-	8,5		148	206	162	40	10	☹
	DC160-16-08.731A1-	8,731	11/32"	148	206	162	40	10	☹
	DC160-16-09.000A1-	9		148	206	162	40	10	☹
	DC160-16-09.525A1-	9,525	3/8"	165	224	180	40	10	☹
	DC160-16-09.800A1-	9,8		165	224	180	40	10	☹
	DC160-16-10.000A1-	10		165	224	180	40	10	☹
	DC160-16-10.200A1-	10,2		181	247	198	45	12	☹
	DC160-16-10.319A1-	10,319	13/32"	181	247	198	45	12	☹
	DC160-16-11.000A1-	11		181	247	198	45	12	☹
	DC160-16-11.113A1-	11,113	7/16"	198	265	216	45	12	☹
	DC160-16-11.500A1-	11,5		198	265	216	45	12	☹

Ordering example for the grade WJ30EU: DC160-16-03.000A1-WJ30EU

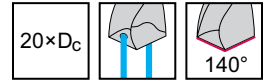
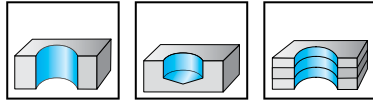
**WALTER
SELECT**

●● Primary application ● Other application
Best tool for → Good = ☺ → Average = ☹ → Poor = ☹ machining conditions

Tool		D _c h7 mm	D _c inch/Nr	L _c mm	l ₁ mm	l ₂ mm	l ₅ mm	d ₁ h6 mm	WJ30EU
 DIN 6535 HA	Designation								
	DC160-16-11.800A1-	11,8		198	265	216	45	12	☹☹
	DC160-16-11.906A1-	11,906	15/32"	198	265	216	45	12	☹☹
	DC160-16-12.000A1-	12		198	265	216	45	12	☹☹
	DC160-16-12.700A1-	12,700	1/2"	238	301	252	45	14	☹☹
	DC160-16-13.000A1-	13		238	301	252	45	14	☹☹
	DC160-16-14.000A1-	14		238	301	252	45	14	☹☹
	DC160-16-14.288A1-	14,288	9/16"	272	340	288	48	16	☹☹
	DC160-16-15.000A1-	15		272	340	288	48	16	☹☹
	DC160-16-16.000A1-	16		272	340	288	48	16	☹☹

Ordering example for the grade WJ30EU: DC160-16-03.000A1-WJ30EU

Solid carbide micro drills with coolant-through DB133 Supreme



	P	M	K	N	S	H	O
WJ30ER	●●	●●	●●	●●	●	●	●

B1

Tool		D _c h7 mm	D _c Inch/Nr	L _c mm	l ₁ mm	l ₂ mm	l ₅ mm	d ₁ h6 mm	WJ30ER
 DIN 6535 HA	Designation	DB133-20-02.000A1-	2	44	90	47	38	3	☺
		DB133-20-02.100A1-	2,1	45	90	49	37	3	☺
		DB133-20-02.200A1-	2,2	48	90	52	34	3	☺
		DB133-20-02.300A1-	2,3	50	97	54	39	3	☺
		DB133-20-02.381A1-	2,381	52	97	56	37	3	☺
		DB133-20-02.400A1-	2,4	52	97	56	37	3	☺
		DB133-20-02.500A1-	2,5	55	97	59	34	3	☺
		DB133-20-02.600A1-	2,6	57	107	61	42	3	☺
		DB133-20-02.700A1-	2,7	58	107	63	41	3	☺
		DB133-20-02.778A1-	2,778	61	107	66	38	3	☺
		DB133-20-02.800A1-	2,8	61	107	66	38	3	☺
		DB133-20-02.900A1-	2,9	63	107	68	36	3	☺

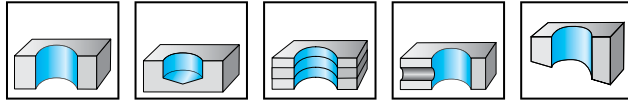
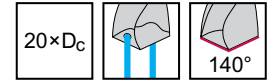
Ordering example for the grade WJ30ER: DB133-20-02.000A1-WJ30ER

**WALTER
SELECT**

●● Primary application ● Other application
 Best tool for → Good = ☺ → Average = ☹ → Poor = ☹ machining conditions

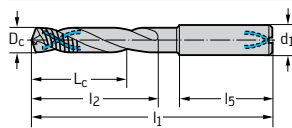
Solid carbide drills with coolant-through

DC170 Supreme



	P	M	K	N	S	H	O
WJ30EJ	●●		●●			●	

Tool



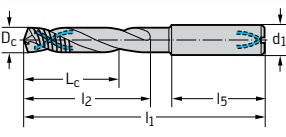
DIN 6535 HA

Designation	D _c h7 mm	D _c Inch/Nr	L _c mm	l ₁ mm	l ₂ mm	l ₅ mm	d ₁ h6 mm	WJ30EJ
DC170-20-03.000A1-	3		60	97	65	28	4	☹
DC170-20-03.175A1-	3,175	1/8"	74	112	80	28	4	☹
DC170-20-03.500A1-	3,5		86	124	92	28	4	☹
DC170-20-03.572A1-	3,572	9/64"	86	124	92	28	4	☹
DC170-20-03.969A1-	3,969	5/32"	86	124	92	28	4	☹
DC170-20-04.000A1-	4		86	124	92	28	4	☹
DC170-20-04.500A1-	4,5		111	150	118	28	5	☹
DC170-20-04.763A1-	4,763	3/16"	110	150	118	28	5	☹
DC170-20-04.800A1-	4,8		110	150	118	28	5	☹
DC170-20-05.000A1-	5		110	150	118	28	5	☹
DC170-20-05.500A1-	5,5		123	170	132	36	6	☹
DC170-20-05.556A1-	5,556	7/32"	135	182	144	36	6	☹
DC170-20-05.800A1-	5,8		135	182	144	36	6	☹
DC170-20-06.000A1-	6		135	182	144	36	6	☹
DC170-20-06.100A1-	6,1		151	200	162	36	8	☹
DC170-20-06.350A1-	6,350	1/4"	151	200	162	36	8	☹
DC170-20-06.500A1-	6,5		151	200	162	36	8	☹
DC170-20-06.800A1-	6,8		151	200	162	36	8	☹
DC170-20-07.000A1-	7		151	200	162	36	8	☹
DC170-20-07.144A1-	7,144	9/32"	172	222	184	36	8	☹
DC170-20-07.400A1-	7,4		172	222	184	36	8	☹
DC170-20-07.500A1-	7,5		172	222	184	36	8	☹
DC170-20-07.938A1-	7,938	5/16"	172	222	184	36	8	☹
DC170-20-08.000A1-	8		172	222	184	36	8	☹
DC170-20-08.300A1-	8,3		184	240	198	40	10	☹
DC170-20-08.500A1-	8,5		184	240	198	40	10	☹
DC170-20-08.731A1-	8,731	11/32"	184	240	198	40	10	☹
DC170-20-09.000A1-	9		184	240	198	40	10	☹
DC170-20-09.525A1-	9,525	3/8"	205	262	220	40	10	☹
DC170-20-09.800A1-	9,8		205	262	220	40	10	☹
DC170-20-10.000A1-	10		205	262	220	40	10	☹
DC170-20-10.200A1-	10,2		225	289	242	45	12	☹
DC170-20-10.319A1-	10,319	13/32"	225	289	242	45	12	☹
DC170-20-11.000A1-	11		225	289	242	45	12	☹
DC170-20-11.113A1-	11,113	7/16"	246	311	264	45	12	☹
DC170-20-11.500A1-	11,5		246	311	264	45	12	☹

Ordering example for the grade WJ30EJ: DC170-20-03.000A1-WJ30EJ

**WALTER
SELECT**

●● Primary application ● Other application
Best tool for → Good = ☺ → Average = ☹ → Poor = ☹ machining conditions

Tool		D _c h7 mm	D _c Inch/Nr	L _c mm	l ₁ mm	l ₂ mm	l ₅ mm	d ₁ h6 mm	WJ30EJ
 DIN 6535 HA	Designation								
	DC170-20-11.800A1-	11,8		246	311	264	45	12	☺
	DC170-20-12.000A1-	12		246	311	264	45	12	☺
	DC170-20-12.700A1-	12,700	1/2"	294	357	308	45	14	☺
	DC170-20-13.000A1-	13		294	357	308	45	14	☺
	DC170-20-14.000A1-	14		294	357	308	45	14	☺
	DC170-20-14.288A1-	14,288	9/16"	336	404	352	48	16	☺
	DC170-20-15.000A1-	15		336	404	352	48	16	☺
	DC170-20-16.000A1-	16		336	404	352	48	16	☺

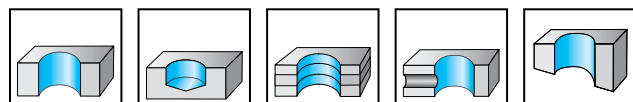
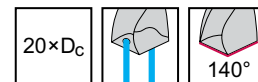
Ordering example for the grade WJ30EJ: DC170-20-03.000A1-WJ30EJ

B1

Solid carbide drills with coolant-through

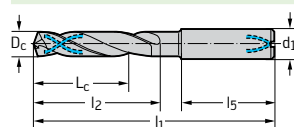
DC160 Advance

X-treme Evo



	P	M	K	N	S	H	O
WJ30EU	●●	●	●●	●●	●●	●	●

Tool



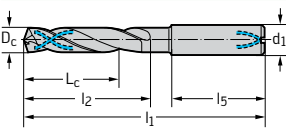
DIN 6535 HA

Designation	D _c h7 mm	D _c Inch/Nr	L _c mm	l ₁ mm	l ₂ mm	l ₅ mm	d ₁ h6 mm	WJ30EU
DC160-20-03.000A1-	3		60	97	65	28	4	☹
DC160-20-03.175A1-	3,175	1/8"	74	112	80	28	4	☹
DC160-20-03.500A1-	3,5		86	124	92	28	4	☹
DC160-20-03.572A1-	3,572	9/64"	86	124	92	28	4	☹
DC160-20-03.969A1-	3,969	5/32"	86	124	92	28	4	☹
DC160-20-04.000A1-	4		86	124	92	28	4	☹
DC160-20-04.500A1-	4,5		111	150	118	28	5	☹
DC160-20-04.763A1-	4,763	3/16"	110	150	118	28	5	☹
DC160-20-04.800A1-	4,8		110	150	118	28	5	☹
DC160-20-05.000A1-	5		110	150	118	28	5	☹
DC160-20-05.500A1-	5,5		123	170	132	36	6	☹
DC160-20-05.556A1-	5,556	7/32"	135	182	144	36	6	☹
DC160-20-05.800A1-	5,8		135	182	144	36	6	☹
DC160-20-06.000A1-	6		135	182	144	36	6	☹
DC160-20-06.100A1-	6,1		151	200	162	36	8	☹
DC160-20-06.350A1-	6,350	1/4"	151	200	162	36	8	☹
DC160-20-06.500A1-	6,5		151	200	162	36	8	☹
DC160-20-06.800A1-	6,8		151	200	162	36	8	☹
DC160-20-07.000A1-	7		151	200	162	36	8	☹
DC160-20-07.144A1-	7,144	9/32"	172	222	184	36	8	☹
DC160-20-07.400A1-	7,4		172	222	184	36	8	☹
DC160-20-07.500A1-	7,5		172	222	184	36	8	☹
DC160-20-07.938A1-	7,938	5/16"	172	222	184	36	8	☹
DC160-20-08.000A1-	8		172	222	184	36	8	☹
DC160-20-08.300A1-	8,3		184	240	198	40	10	☹
DC160-20-08.500A1-	8,5		184	240	198	40	10	☹
DC160-20-08.731A1-	8,731	11/32"	184	240	198	40	10	☹
DC160-20-09.000A1-	9		184	240	198	40	10	☹
DC160-20-09.525A1-	9,525	3/8"	205	262	220	40	10	☹
DC160-20-09.800A1-	9,8		205	262	220	40	10	☹
DC160-20-10.000A1-	10		205	262	220	40	10	☹
DC160-20-10.200A1-	10,2		225	289	242	45	12	☹
DC160-20-10.319A1-	10,319	13/32"	225	289	242	45	12	☹
DC160-20-11.000A1-	11		225	289	242	45	12	☹
DC160-20-11.113A1-	11,113	7/16"	246	311	264	45	12	☹
DC160-20-11.500A1-	11,5		246	311	264	45	12	☹

Ordering example for the grade WJ30EU: DC160-20-03.000A1-WJ30EU

**WALTER
SELECT**

●● Primary application ● Other application
Best tool for → Good = ☺ → Average = ☹ → Poor = ☹ machining conditions

Tool		D _c h7 mm	D _c Inch/Nr	L _c mm	l ₁ mm	l ₂ mm	l ₅ mm	d ₁ h6 mm	WJ30EU
 DIN 6535 HA	Designation								
	DC160-20-11.800A1-	11,8		246	311	264	45	12	☺
	DC160-20-11.906A1-	11,906	15/32"	246	311	264	45	12	☺
	DC160-20-12.000A1-	12		246	311	264	45	12	☺
	DC160-20-12.700A1-	12,700	1/2"	294	357	308	45	14	☺
	DC160-20-13.000A1-	13		294	357	308	45	14	☺
	DC160-20-14.000A1-	14		294	357	308	45	14	☺
	DC160-20-14.288A1-	14,288	9/16"	336	404	352	48	16	☺
	DC160-20-15.000A1-	15		336	404	352	48	16	☺
	DC160-20-16.000A1-	16		336	404	352	48	16	☺

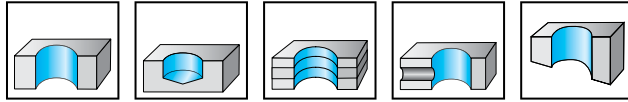
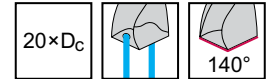
Ordering example for the grade WJ30EU: DC160-20-03.000A1-WJ30EU

B1

Solid carbide drills with coolant-through

A6794TFP

X-treme DH20



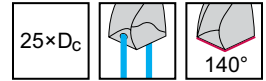
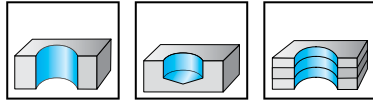
	P	M	K	N	S	H	O
TFP	●●	●	●	●	●	●	●

Tool	Designation	D _c h7 mm	D _c Inch/Nr	L _c mm	l ₁ mm	l ₂ mm	l ₅ mm	d ₁ h6 mm
 DIN 6535 HA	A6794TFP-3	3		60	107	65	36	6
	A6794TFP-1/8IN	3,175	1/8"	86	134	92	36	6
	A6794TFP-3.5	3,5		86	134	92	36	6
	A6794TFP-9/64IN	3,572	9/64"	86	134	92	36	6
	A6794TFP-5/32IN	3,969	5/32"	86	134	92	36	6
	A6794TFP-4	4		86	134	92	36	6
	A6794TFP-4.5	4,5		110	158	118	36	6
	A6794TFP-3/16IN	4,763	3/16"	110	158	118	36	6
	A6794TFP-4.8	4,8		110	158	118	36	6
	A6794TFP-5	5		110	158	118	36	6
	A6794TFP-5.5	5,5		123	170	132	36	6
	A6794TFP-7/32IN	5,556	7/32"	135	182	144	36	6
	A6794TFP-6	6		135	182	144	36	6
	A6794TFP-6.1	6,1		151	200	162	36	8
	A6794TFP-1/4IN	6,350	1/4"	151	200	162	36	8
	A6794TFP-6.5	6,5		151	200	162	36	8
	A6794TFP-6.8	6,8		151	200	162	36	8
	A6794TFP-7	7		151	200	162	36	8
	A6794TFP-9/32IN	7,144	9/32"	172	222	184	36	8
	A6794TFP-7.5	7,5		172	222	184	36	8
	A6794TFP-5/16IN	7,938	5/16"	172	222	184	36	8
	A6794TFP-8	8		172	222	184	36	8
	A6794TFP-8.3	8,3		184	240	198	40	10
	A6794TFP-8.5	8,5		184	240	198	40	10
	A6794TFP-11/32IN	8,731	11/32"	184	240	198	40	10
	A6794TFP-9	9		184	240	198	40	10
	A6794TFP-3/8IN	9,525	3/8"	205	262	220	40	10
	A6794TFP-9.8	9,8		205	262	220	40	10
	A6794TFP-10	10		205	262	220	40	10

WALTER
SELECT

●● Primary application ● Other application
Best tool for → Good = 😊 → Average = 😐 → Poor = ☹️ machining conditions

Solid carbide micro drills with coolant-through DB133 Supreme



	P	M	K	N	S	H	O
WJ30ER	●●	●●	●●	●●	●	●	●

B1

Tool		D _c h7 mm	D _c Inch/Nr	L _c mm	l ₁ mm	l ₂ mm	l ₅ mm	d ₁ h6 mm	WJ30ER
 DIN 6535 HA	Designation	DB133-25-02.000A1-	2	54	101	57	39	3	☺
		DB133-25-02.100A1-	2,1	56	101	60	37	3	☺
		DB133-25-02.200A1-	2,2	59	101	63	34	3	☺
		DB133-25-02.300A1-	2,3	62	107	66	37	3	☺
		DB133-25-02.381A1-	2,381	64	107	68	35	3	☺
		DB133-25-02.400A1-	2,4	64	107	68	35	3	☺
		DB133-25-02.500A1-	2,5	67	107	71	32	3	☺
		DB133-25-02.600A1-	2,6	70	122	74	44	3	☺
		DB133-25-02.700A1-	2,7	72	122	77	41	3	☺
		DB133-25-02.778A1-	2,778	75	122	80	38	3	☺
		DB133-25-02.800A1-	2,8	75	122	80	38	3	☺
		DB133-25-02.900A1-	2,9	78	122	83	36	3	☺

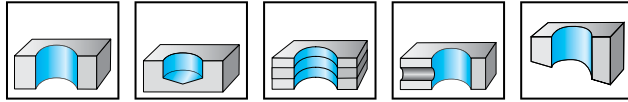
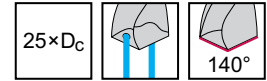
Ordering example for the grade WJ30ER: DB133-25-02.000A1-WJ30ER

**WALTER
SELECT**

●● Primary application ● Other application
 Best tool for → Good = ☺ → Average = ☹ → Poor = ☹ machining conditions

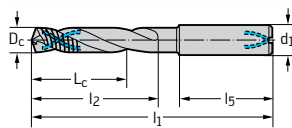
Solid carbide drills with coolant-through

DC170 Supreme



	P	M	K	N	S	H	O
WJ30EJ	●●		●●			●	

Tool



DIN 6535 HA

Designation	D _c h7 mm	D _c Inch/Nr	L _c mm	l ₁ mm	l ₂ mm	l ₅ mm	d ₁ h6 mm	WJ30EJ
DC170-25-03.000A1-	3		79	119	84	28	4	☹
DC170-25-03.175A1-	3,175	1/8"	96	148	102	28	4	☹
DC170-25-03.500A1-	3,5		108	148	114	28	4	☹
DC170-25-03.572A1-	3,572	9/64"	108	148	114	28	4	☹
DC170-25-03.969A1-	3,969	5/32"	108	148	114	28	4	☹
DC170-25-04.000A1-	4		108	148	114	28	4	☹
DC170-25-04.500A1-	4,5		138	177	145	28	5	☹
DC170-25-04.763A1-	4,763	3/16"	137	177	145	28	5	☹
DC170-25-04.800A1-	4,8		137	177	145	28	5	☹
DC170-25-05.000A1-	5		137	177	145	28	5	☹
DC170-25-05.500A1-	5,5		151	200	160	36	6	☹
DC170-25-05.556A1-	5,556	7/32"	165	214	174	36	6	☹
DC170-25-06.000A1-	6		165	214	174	36	6	☹
DC170-25-06.350A1-	6,350	1/4"	183	234	194	36	8	☹
DC170-25-06.500A1-	6,5		183	234	194	36	8	☹
DC170-25-06.800A1-	6,8		183	234	194	36	8	☹
DC170-25-07.000A1-	7		183	234	194	36	8	☹
DC170-25-07.144A1-	7,144	9/32"	208	260	220	36	8	☹
DC170-25-07.938A1-	7,938	5/16"	208	260	220	36	8	☹
DC170-25-08.000A1-	8		208	260	220	36	8	☹
DC170-25-08.500A1-	8,5		229	289	243	40	10	☹
DC170-25-08.731A1-	8,731	11/32"	229	289	243	40	10	☹
DC170-25-09.000A1-	9		229	289	243	40	10	☹
DC170-25-09.525A1-	9,525	3/8"	255	314	270	40	10	☹
DC170-25-10.000A1-	10		255	314	270	40	10	☹
DC170-25-10.200A1-	10,2		280	346	297	45	12	☹
DC170-25-11.000A1-	11		280	346	297	45	12	☹
DC170-25-11.113A1-	11,113	7/16"	306	373	324	45	12	☹
DC170-25-12.000A1-	12		306	373	324	45	12	☹

Ordering example for the grade WJ30EJ: DC170-25-03.000A1-WJ30EJ

WALTER
SELECT

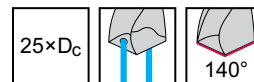
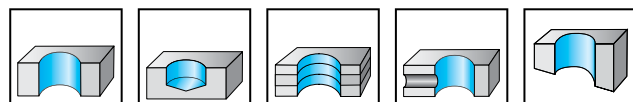
●● Primary application ● Other application

Best tool for → Good = ☺ → Average = ☹ → Poor = ☹ machining conditions

Solid carbide drills with coolant-through

DC160 Advance

X-treme Evo



	P	M	K	N	S	H	O
WJ30EU	●●	●	●●	●●	●●	●	●

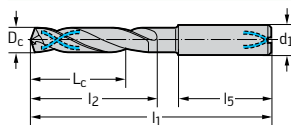
B1

Tool	Designation	D _c h7 mm	D _c Inch/Nr	L _c mm	l ₁ mm	l ₂ mm	l ₅ mm	d ₁ h6 mm	WJ30EU
DIN 6535 HA	DC160-25-03.000A1-	3		79	119	84	28	4	☹
	DC160-25-03.175A1-	3,175	1/8"	96	148	102	28	4	☹
	DC160-25-03.500A1-	3,5		108	148	114	28	4	☹
	DC160-25-03.572A1-	3,572	9/64"	108	148	114	28	4	☹
	DC160-25-03.969A1-	3,969	5/32"	108	148	114	28	4	☹
	DC160-25-04.000A1-	4		108	148	114	28	4	☹
	DC160-25-04.500A1-	4,5		138	177	145	28	5	☹
	DC160-25-04.763A1-	4,763	3/16"	137	177	145	28	5	☹
	DC160-25-04.800A1-	4,8		137	177	145	28	5	☹
	DC160-25-05.000A1-	5		137	177	145	28	5	☹
	DC160-25-05.500A1-	5,5		151	200	160	36	6	☹
	DC160-25-05.556A1-	5,556	7/32"	165	214	174	36	6	☹
	DC160-25-05.800A1-	5,8		165	214	174	36	6	☹
	DC160-25-06.000A1-	6		165	214	174	36	6	☹
	DC160-25-06.100A1-	6,1		183	234	194	36	8	☹
	DC160-25-06.350A1-	6,350	1/4"	183	234	194	36	8	☹
	DC160-25-06.500A1-	6,5		183	234	194	36	8	☹
	DC160-25-06.800A1-	6,8		183	234	194	36	8	☹
	DC160-25-07.000A1-	7		183	234	194	36	8	☹
	DC160-25-07.144A1-	7,144	9/32"	208	260	220	36	8	☹
	DC160-25-07.400A1-	7,4		208	260	220	36	8	☹
	DC160-25-07.500A1-	7,5		208	260	220	36	8	☹
	DC160-25-07.938A1-	7,938	5/16"	208	260	220	36	8	☹
	DC160-25-08.000A1-	8		208	260	220	36	8	☹
	DC160-25-08.300A1-	8,3		229	289	243	40	10	☹
	DC160-25-08.500A1-	8,5		229	289	243	40	10	☹
	DC160-25-08.731A1-	8,731	11/32"	229	289	243	40	10	☹
	DC160-25-09.000A1-	9		229	289	243	40	10	☹
	DC160-25-09.525A1-	9,525	3/8"	255	314	270	40	10	☹
	DC160-25-09.800A1-	9,8		255	314	270	40	10	☹
	DC160-25-10.000A1-	10		255	314	270	40	10	☹
	DC160-25-10.200A1-	10,2		280	346	297	45	12	☹
	DC160-25-10.319A1-	10,319	13/32"	280	346	297	45	12	☹
	DC160-25-11.000A1-	11		280	346	297	45	12	☹
	DC160-25-11.113A1-	11,113	7/16"	306	373	324	45	12	☹
	DC160-25-11.500A1-	11,5		306	373	324	45	12	☹

Ordering example for the grade WJ30EU: DC160-25-03.000A1-WJ30EU

**WALTER
SELECT**

●● Primary application ● Other application
Best tool for → Good = ☺ → Average = ☹ → Poor = ☹ machining conditions

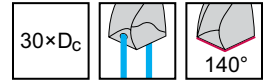
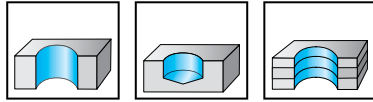
Tool		D _c h7 mm	D _c inch/Nr	L _c mm	l ₁ mm	l ₂ mm	l ₅ mm	d ₁ h6 mm	WJ30EU
	Designation								
	DC160-25-11.800A1-	11,8		306	373	324	45	12	☹☹
	DC160-25-11.906A1-	11,906	15/32"	306	373	324	45	12	☹☹
	DC160-25-12.000A1-	12		306	373	324	45	12	☹☹
DIN 6535 HA									

Ordering example for the grade WJ30EU: DC160-25-03.000A1-WJ30EU

B1

Solid carbide micro drills with coolant-through

DB133 Supreme



	P	M	K	N	S	H	O
WJ30ER	●●	●●	●●	●●	●	●	●

B1

Tool		D _c h7 mm	D _c Inch/Nr	L _c mm	l ₁ mm	l ₂ mm	l ₅ mm	d ₁ h6 mm	WJ30ER
 DIN 6535 HA	Designation	DB133-30-02.000A1-	2	64	112	67	40	3	☺
		DB133-30-02.100A1-	2,1	66	112	70	38	3	☺
		DB133-30-02.200A1-	2,2	70	112	74	34	3	☺
		DB133-30-02.300A1-	2,3	73	122	77	41	3	☺
		DB133-30-02.381A1-	2,381	76	122	80	38	3	☺
		DB133-30-02.400A1-	2,4	76	122	80	38	3	☺
		DB133-30-02.500A1-	2,5	80	122	84	34	3	☺
		DB133-30-02.600A1-	2,6	83	136	87	45	3	☺
		DB133-30-02.700A1-	2,7	85	136	90	42	3	☺
		DB133-30-02.778A1-	2,778	89	136	94	38	3	☺
		DB133-30-02.800A1-	2,8	89	136	94	38	3	☺
		DB133-30-02.900A1-	2,9	92	136	97	36	3	☺

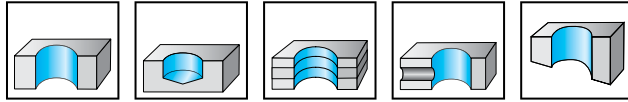
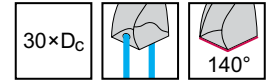
Ordering example for the grade WJ30ER: DB133-30-02.000A1-WJ30ER

**WALTER
SELECT**

●● Primary application ● Other application
 Best tool for → Good = ☺ → Average = ☹ → Poor = ☹ machining conditions

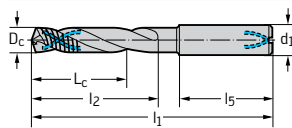
Solid carbide drills with coolant-through

DC170 Supreme



	P	M	K	N	S	H	O
WJ30EJ	●●		●●			●	

Tool



DIN 6535 HA

Designation	D _c h7 mm	D _c Inch/Nr	L _c mm	l ₁ mm	l ₂ mm	l ₅ mm	d ₁ h6 mm	WJ30EJ
DC170-30-03.000A1-	3		92	132	97	28	4	☹
DC170-30-03.175A1-	3,175	1/8"	114	166	120	28	4	☹
DC170-30-03.500A1-	3,5		127	166	133	28	4	☹
DC170-30-04.000A1-	4		127	166	133	28	4	☹
DC170-30-04.500A1-	4,5		162	200	169	28	5	☹
DC170-30-04.763A1-	4,763	3/16"	161	200	169	28	5	☹
DC170-30-04.800A1-	4,8		161	200	169	28	5	☹
DC170-30-05.000A1-	5		161	200	169	28	5	☹
DC170-30-05.500A1-	5,5		178	225	187	36	6	☹
DC170-30-06.000A1-	6		195	242	204	36	6	☹
DC170-30-06.350A1-	6,350	1/4"	217	268	228	36	8	☹
DC170-30-06.500A1-	6,5		217	268	228	36	8	☹
DC170-30-06.800A1-	6,8		217	268	228	36	8	☹
DC170-30-07.000A1-	7		217	268	228	36	8	☹
DC170-30-07.400A1-	7,4		244	294	256	36	8	☹
DC170-30-07.938A1-	7,938	5/16"	244	294	256	36	8	☹
DC170-30-08.000A1-	8		244	294	256	36	8	☹
DC170-30-08.500A1-	8,5		273	330	287	40	10	☹
DC170-30-08.731A1-	8,731	11/32"	273	330	287	40	10	☹
DC170-30-09.000A1-	9		273	330	287	40	10	☹
DC170-30-09.525A1-	9,525	3/8"	305	364	320	40	10	☹
DC170-30-10.000A1-	10		305	364	320	40	10	☹
DC170-30-10.200A1-	10,2		335	401	352	45	12	☹
DC170-30-11.000A1-	11		335	401	352	45	12	☹
DC170-30-11.113A1-	11,113	7/16"	364	430	382	45	12	☹
DC170-30-12.000A1-	12		364	430	382	45	12	☹

Ordering example for the grade WJ30EJ: DC170-30-03.000A1-WJ30EJ

WALTER
SELECT

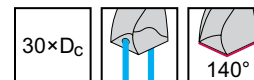
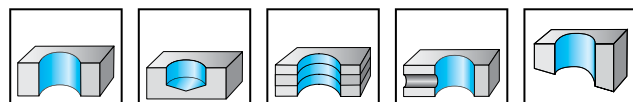
●● Primary application ● Other application

Best tool for → Good = ☺ → Average = ☹ → Poor = ☹☹ machining conditions

Solid carbide drills with coolant-through

DC160 Advance

X-treme Evo



	P	M	K	N	S	H	O
WJ30EU	●●	●	●●	●●	●●	●	●

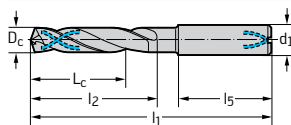
B1

Tool	Designation	D _c h7 mm	D _c Inch/Nr	L _c mm	l ₁ mm	l ₂ mm	l ₅ mm	d ₁ h6 mm	WJ30EU
DIN 6535 HA	DC160-30-03.000A1-	3		92	132	97	28	4	☹
	DC160-30-03.175A1-	3,175	1/8"	114	166	120	28	4	☹
	DC160-30-03.500A1-	3,5		127	166	133	28	4	☹
	DC160-30-03.572A1-	3,572	9/64"	127	166	133	28	4	☹
	DC160-30-03.969A1-	3,969	5/32"	127	166	133	28	4	☹
	DC160-30-04.000A1-	4		127	166	133	28	4	☹
	DC160-30-04.500A1-	4,5		162	200	169	28	5	☹
	DC160-30-04.763A1-	4,763	3/16"	161	200	169	28	5	☹
	DC160-30-04.800A1-	4,8		161	200	169	28	5	☹
	DC160-30-05.000A1-	5		161	200	169	28	5	☹
	DC160-30-05.500A1-	5,5		178	225	187	36	6	☹
	DC160-30-05.556A1-	5,556	7/32"	195	242	204	36	6	☹
	DC160-30-05.800A1-	5,8		195	242	204	36	6	☹
	DC160-30-06.000A1-	6		195	242	204	36	6	☹
	DC160-30-06.100A1-	6,1		217	268	228	36	8	☹
	DC160-30-06.350A1-	6,350	1/4"	217	268	228	36	8	☹
	DC160-30-06.500A1-	6,5		217	268	228	36	8	☹
	DC160-30-06.800A1-	6,8		217	268	228	36	8	☹
	DC160-30-07.000A1-	7		217	268	228	36	8	☹
	DC160-30-07.144A1-	7,144	9/32"	244	294	256	36	8	☹
	DC160-30-07.400A1-	7,4		244	294	256	36	8	☹
	DC160-30-07.500A1-	7,5		244	294	256	36	8	☹
	DC160-30-07.938A1-	7,938	5/16"	244	294	256	36	8	☹
	DC160-30-08.000A1-	8		244	294	256	36	8	☹
	DC160-30-08.300A1-	8,3		273	330	287	40	10	☹
	DC160-30-08.500A1-	8,5		273	330	287	40	10	☹
	DC160-30-08.731A1-	8,731	11/32"	273	330	287	40	10	☹
	DC160-30-09.000A1-	9		273	330	287	40	10	☹
	DC160-30-09.525A1-	9,525	3/8"	305	364	320	40	10	☹
	DC160-30-09.800A1-	9,8		305	364	320	40	10	☹
	DC160-30-10.000A1-	10		305	364	320	40	10	☹
	DC160-30-10.200A1-	10,2		335	401	352	45	12	☹
	DC160-30-10.319A1-	10,319	13/32"	335	401	352	45	12	☹
	DC160-30-11.000A1-	11		335	401	352	45	12	☹
	DC160-30-11.113A1-	11,113	7/16"	364	430	382	45	12	☹
	DC160-30-11.500A1-	11,5		364	430	382	45	12	☹

Ordering example for the grade WJ30EU: DC160-30-03.000A1-WJ30EU

**WALTER
SELECT**

●● Primary application ● Other application
Best tool for → Good = ☺ → Average = ☹ → Poor = ☹ machining conditions

Tool		D _c h7 mm	D _c inch/Nr	L _c mm	l ₁ mm	l ₂ mm	l ₅ mm	d ₁ h6 mm	WJ30EU
	Designation								
	DC160-30-11.800A1-	11,8		364	430	382	45	12	☹☹
	DC160-30-11.906A1-	11,906	15/32"	364	430	382	45	12	☹☹
	DC160-30-12.000A1-	12		364	430	382	45	12	☹☹
DIN 6535 HA									

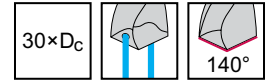
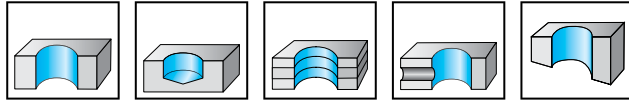
Ordering example for the grade WJ30EU: DC160-30-03.000A1-WJ30EU

B1

Solid carbide drills with coolant-through

A6994TFP

X-treme DH30



	P	M	K	N	S	H	O
TFP	●●	●	●	●	●	●	●

B1

Tool	Designation	D _c h7 mm	D _c inch/Nr	L _c mm	l ₁ mm	l ₂ mm	l ₅ mm	d ₁ h6 mm
DIN 6535 HA	A6994TFP-3	3		92	140	97	36	6
	A6994TFP-1/8IN	3,175	1/8"	127	174	133	36	6
	A6994TFP-3.5	3,5		127	174	133	36	6
	A6994TFP-9/64IN	3,572	9/64"	127	174	133	36	6
	A6994TFP-5/32IN	3,969	5/32"	127	174	133	36	6
	A6994TFP-4	4		127	174	133	36	6
	A6994TFP-4.5	4,5		161	208	169	36	6
	A6994TFP-3/16IN	4,763	3/16"	161	208	169	36	6
	A6994TFP-4.8	4,8		161	208	169	36	6
	A6994TFP-5	5		161	208	169	36	6
	A6994TFP-5.5	5,5		178	225	187	36	6
	A6994TFP-7/32IN	5,556	7/32"	195	242	204	36	6
	A6994TFP-6	6		195	242	204	36	6
	A6994TFP-1/4IN	6,350	1/4"	217	268	228	36	8
	A6994TFP-6.5	6,5		217	268	228	36	8
	A6994TFP-6.8	6,8		217	268	228	36	8
	A6994TFP-7	7		217	268	228	36	8
	A6994TFP-8	8		244	294	256	36	8
	A6994TFP-8.3	8,3		273	330	287	40	10
	A6994TFP-8.5	8,5		273	330	287	40	10
	A6994TFP-11/32IN	8,731	11/32"	273	330	287	40	10
	A6994TFP-9	9		273	330	287	40	10
	A6994TFP-10	10		305	364	320	40	10

**WALTER
SELECT**

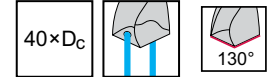
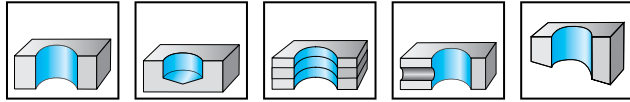
●● Primary application ● Other application
 Best tool for → Good = 😊 → Average = 😐 → Poor = ☹️ machining conditions

Solid carbide drills with coolant-through

A7495TTP

X-treme D40

B1



	P	M	K	N	S	H	O
TTP	●●	●	●●	●●			

Tool	Designation	D _c e7 mm	D _c Inch/Nr	L _c mm	l ₁ mm	l ₂ mm	l ₅ mm	d ₁ h6 mm
 DIN 6535 HA	A7495TTP-3	3		134	172	139	28	4
	A7495TTP-1/8IN	3,175	1/8"	134	172	139	28	4
	A7495TTP-3.5	3,5		150	188	156	28	4
	A7495TTP-9/64IN	3,572	9/64"	150	188	156	28	4
	A7495TTP-5/32IN	3,969	5/32"	168	206	174	28	4
	A7495TTP-4	4		168	206	174	28	4
	A7495TTP-4.5	4,5		188	228	195	28	5
	A7495TTP-3/16IN	4,763	3/16"	209	249	217	28	5
	A7495TTP-4.8	4,8		209	249	217	28	5
	A7495TTP-5	5		209	249	217	28	5
	A7495TTP-5.5	5,5		230	279	239	36	6
	A7495TTP-7/32IN	5,556	7/32"	248	297	257	36	6
	A7495TTP-5.8	5,8		248	297	257	36	6
	A7495TTP-6	6		248	297	257	36	6
	A7495TTP-6.1	6,1		272	324	282	36	8
	A7495TTP-1/4IN	6,350	1/4"	272	324	282	36	8
	A7495TTP-6.5	6,5		272	324	282	36	8
	A7495TTP-6.8	6,8		287	339	298	36	8
	A7495TTP-7	7		287	339	298	36	8
	A7495TTP-9/32IN	7,144	9/32"	313	366	325	36	8
	A7495TTP-7.5	7,5		313	366	325	36	8
	A7495TTP-5/16IN	7,938	5/16"	330	382	342	36	8
	A7495TTP-8	8		330	382	342	36	8
	A7495TTP-8.5	8,5		356	415	369	40	10
	A7495TTP-11/32IN	8,731	11/32"	371	430	385	40	10
	A7495TTP-9	9		371	430	385	40	10
	A7495TTP-3/8IN	9,525	3/8"	418	477	412	40	10
	A7495TTP-9.8	9,8		418	477	433	40	10
	A7495TTP-10	10		418	477	433	40	10
	A7495TTP-10.2	10,2		460	528	477	45	12
	A7495TTP-11	11		460	528	477	45	12

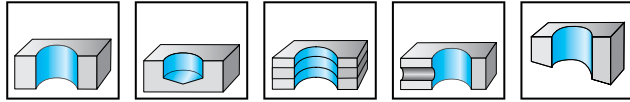
WALTER
SELECT

●● Primary application ● Other application
Best tool for → Good = 😊 → Average = 😐 → Poor = ☹️ machining conditions

Solid carbide drills with coolant-through

A7595TTP

X-treme D50

50×D_c

	P	M	K	N	S	H	O
TTP	●●	●	●●	●●			

B1

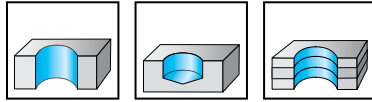
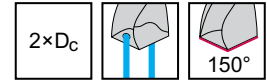
Tool	Designation	D _c e7 mm	D _c inch/Nr	L _c mm	l ₁ mm	l ₂ mm	l ₅ mm	d ₁ h6 mm
DIN 6535 HA	A7595TTP-3	3		166	204	171	28	4
	A7595TTP-1/8IN	3,175	1/8"	166	204	171	28	4
	A7595TTP-3.5	3,5		186	224	192	28	4
	A7595TTP-9/64IN	3,572	9/64"	186	224	192	28	4
	A7595TTP-5/32IN	3,969	5/32"	203	239	209	28	4
	A7595TTP-4	4		203	239	209	28	4
	A7595TTP-4.5	4,5		233	273	240	28	5
	A7595TTP-3/16IN	4,763	3/16"	259	299	267	28	5
	A7595TTP-4.8	4,8		259	299	267	28	5
	A7595TTP-5	5		259	299	267	28	5
	A7595TTP-5.5	5,5		285	334	294	36	6
	A7595TTP-7/32IN	5,556	7/32"	308	357	317	36	6
	A7595TTP-6	6		308	357	317	36	6
	A7595TTP-6.1	6,1		337	389	347	36	8
	A7595TTP-1/4IN	6,350	1/4"	337	389	347	36	8
	A7595TTP-6.5	6,5		337	389	347	36	8
	A7595TTP-6.8	6,8		357	409	368	36	8
	A7595TTP-7	7		357	409	368	36	8
	A7595TTP-5/16IN	7,938	5/16"	410	462	422	36	8
	A7595TTP-8	8		410	462	422	36	8
	A7595TTP-8.3	8,3		441	500	454	40	10
	A7595TTP-8.5	8,5		441	500	454	40	10
	A7595TTP-11/32IN	8,731	11/32"	466	525	480	40	10
	A7595TTP-9	9		466	525	480	40	10

WALTER
SELECT

●● Primary application ● Other application
 Best tool for → Good = 😊 → Average = 😐 → Poor = ☹️ machining conditions

Solid carbide micro pilot drills with coolant-through

DB131 Supreme



	P	M	K	N	S	H	O
WJ30EL	●●	●●	●●	●●	●●	●	●

Tool		D _c p7 mm	D _c Inch/Nr	L _c mm	l ₁ mm	l ₂ mm	l ₅ mm	d ₁ h6 mm	WJ30EL
 DIN 6535 HA	Designation								
	DB131-02-02.000A1-	2		7	57	10	42	3	☹
	DB131-02-02.050A1-	2,05		7	57	11	42	3	☹
	DB131-02-02.100A1-	2,1		7	57	11	42	3	☹
	DB131-02-02.150A1-	2,15		7	57	11	42	3	☹
	DB131-02-02.200A1-	2,2		7	57	11	42	3	☹
	DB131-02-02.250A1-	2,25		8	59	12	43	3	☹
	DB131-02-02.300A1-	2,3		8	59	12	43	3	☹
	DB131-02-02.350A1-	2,35		8	59	12	43	3	☹
	DB131-02-02.381A1-	2,381	3/32"	8	59	12	43	3	☹
	DB131-02-02.400A1-	2,4		8	59	12	43	3	☹
	DB131-02-02.450A1-	2,45		9	59	13	42	3	☹
	DB131-02-02.500A1-	2,5		9	59	13	42	3	☹
	DB131-02-02.550A1-	2,55		9	62	13	45	3	☹
	DB131-02-02.600A1-	2,6		9	62	13	45	3	☹
	DB131-02-02.650A1-	2,65		9	62	14	45	3	☹
	DB131-02-02.700A1-	2,7		9	62	14	45	3	☹
	DB131-02-02.750A1-	2,75		9	62	14	45	3	☹
	DB131-02-02.778A1-	2,778	7/64"	9	62	14	45	3	☹
	DB131-02-02.800A1-	2,8		9	62	14	45	3	☹
	DB131-02-02.850A1-	2,85		10	62	15	44	3	☹
	DB131-02-02.900A1-	2,9		10	62	15	44	3	☹
	DB131-02-02.950A1-	2,95		10	62	15	44	3	☹

Ordering example for the grade WJ30EL: DB131-02-02.000A1-WJ30EL

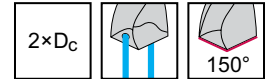
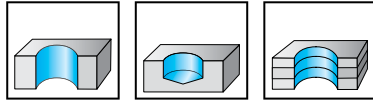
Solid carbide pilot drills with coolant-through

A6181TFT

XD Pilot



– Special diameter tolerance for XD technology



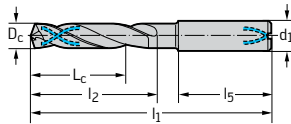
	P	M	K	N	S	H	O
TFT	●●	●●	●●	●●	●●	●	●

B1

Tool	Designation	D _c p7 mm	D _c inch/Nr	L _c mm	l ₁ mm	l ₂ mm	l ₅ mm	d ₁ h6 mm
	A6181TFT-3	3		14	66	20	36	6
	A6181TFT-1/8IN	3,175	1/8"	14	66	20	36	6
	A6181TFT-3.5	3,5		14	66	20	36	6
	A6181TFT-9/64IN	3,572	9/64"	14	66	20	36	6
DIN 6535 HA	A6181TFT-5/32IN	3,969	5/32"	16	74	24	36	6
	A6181TFT-4	4		16	74	24	36	6
	A6181TFT-4.5	4,5		16	74	24	36	6
	A6181TFT-3/16IN	4,763	3/16"	19	82	28	36	6
	A6181TFT-4.8	4,8		19	82	28	36	6
	A6181TFT-5	5		19	82	28	36	6
	A6181TFT-5.5	5,5		19	82	28	36	6
	A6181TFT-7/32IN	5,556	7/32"	19	82	28	36	6
	A6181TFT-5.8	5,8		19	82	28	36	6
	A6181TFT-6	6		19	82	28	36	6
	A6181TFT-6.1	6,1		23	91	34	36	8
	A6181TFT-1/4IN	6,350	1/4"	23	91	34	36	8
	A6181TFT-6.5	6,5		23	91	34	36	8
	A6181TFT-6.8	6,8		23	91	34	36	8
	A6181TFT-7	7		23	91	34	36	8
	A6181TFT-9/32IN	7,144	9/32"	29	91	41	36	8
	A6181TFT-7.4	7,4		29	91	41	36	8
	A6181TFT-7.5	7,5		29	91	41	36	8
	A6181TFT-5/16IN	7,938	5/16"	29	91	41	36	8
	A6181TFT-8	8		29	91	41	36	8
	A6181TFT-8.3	8,3		32	103	47	40	10
	A6181TFT-8.5	8,5		32	103	47	40	10
	A6181TFT-11/32IN	8,731	11/32"	32	103	47	40	10
	A6181TFT-9	9		32	103	47	40	10
	A6181TFT-3/8IN	9,525	3/8"	32	103	47	40	10
	A6181TFT-9.8	9,8		32	103	47	40	10
	A6181TFT-10	10		32	103	47	40	10
	A6181TFT-10.2	10,2		37	118	55	45	12
	A6181TFT-13/32IN	10,319	13/32"	37	118	55	45	12
	A6181TFT-11	11		37	118	55	45	12
	A6181TFT-7/16IN	11,113	7/16"	37	118	55	45	12
	A6181TFT-11.5	11,5		37	118	55	45	12

WALTER
SELECT

●● Primary application ● Other application
 Best tool for → Good = 😊 → Average = 😐 → Poor = ☹️ machining conditions

Tool		D_c p7 mm	D_c Inch/Nr	L_c mm	l_1 mm	l_2 mm	l_5 mm	d_1 h6 mm
 DIN 6535 HA	Designation							
	A6181TFT-11.8	11,8		37	118	55	45	12
	A6181TFT-15/32IN	11,906	15/32"	37	118	55	45	12
	A6181TFT-12	12		37	118	55	45	12
	A6181TFT-1/2IN	12,700	1/2"	46	124	60	45	14
	A6181TFT-13	13		46	124	60	45	14
	A6181TFT-14	14		46	124	60	45	14
	A6181TFT-9/16IN	14,288	9/16"	49	133	65	48	16
	A6181TFT-15	15		49	133	65	48	16
	A6181TFT-16	16		49	133	65	48	16

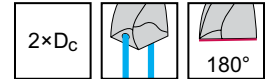
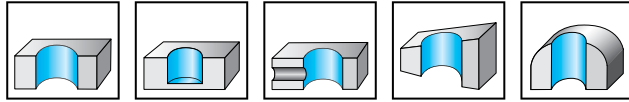
B1

Solid carbide pilot drill

DC118 Supreme



– Special diameter tolerance for XD technology



	P	M	K	N	S	H	O
WJ30ET	●●	●●	●●	●●	●●	●	●

B1

Tool	Designation	D _c p7 mm	D _c Inch/Nr	L _c mm	l ₁ mm	l ₂ mm	l ₅ mm	d ₁ mm	WJ30ET
DIN 6535 HA	DC118-02-03.000A1-	3		7,8	62	12	42	6	☺
	DC118-02-03.175A1-	3,175	1/8"	7,7	62	12	42	6	☺
	DC118-02-03.300A1-	3,3		7,6	62	12	42	6	☺
	DC118-02-03.500A1-	3,5		8,4	62	13	42	6	☺
	DC118-02-03.572A1-	3,572	9/64"	8,3	62	13	42	6	☺
	DC118-02-03.969A1-	3,969	5/32"	8,9	66	14	42	6	☺
	DC118-02-04.000A1-	4		8,9	66	14	42	6	☺
	DC118-02-04.200A1-	4,2		10,7	66	16	42	6	☺
	DC118-02-04.500A1-	4,5		10,4	66	16	42	6	☺
	DC118-02-04.763A1-	4,763	3/16"	12,2	66	18	42	6	☺
	DC118-02-04.800A1-	4,8		12,1	66	18	42	6	☺
	DC118-02-05.000A1-	5		11,9	66	18	42	6	☺
	DC118-02-05.500A1-	5,5		13,5	66	20	42	6	☺
	DC118-02-05.556A1-	5,556	7/32"	14,4	66	21	42	6	☺
	DC118-02-05.800A1-	5,8		14,2	66	21	42	6	☺
	DC118-02-06.000A1-	6		14	66	21	42	6	☺
	DC118-02-06.100A1-	6,1		15,9	79	23	47	8	☺
	DC118-02-06.350A1-	6,350	1/4"	15,6	79	23	47	8	☺
	DC118-02-06.500A1-	6,5		15,5	79	23	47	8	☺
	DC118-02-06.800A1-	6,8		17,2	79	25	47	8	☺
	DC118-02-07.000A1-	7		17	79	25	47	8	☺
	DC118-02-07.144A1-	7,144	9/32"	19,9	79	28	47	8	☺
	DC118-02-07.400A1-	7,4		19,6	79	28	47	8	☺
	DC118-02-07.500A1-	7,5		19,5	79	28	47	8	☺
	DC118-02-07.938A1-	7,938	5/16"	19,1	79	28	47	8	☺
	DC118-02-08.000A1-	8		19	79	28	47	8	☺
	DC118-02-08.300A1-	8,3		22,8	89	32	50	10	☺
	DC118-02-08.500A1-	8,5		22,6	89	32	50	10	☺
	DC118-02-08.731A1-	8,731	11/32"	22,3	89	32	50	10	☺
	DC118-02-09.000A1-	9		22,1	89	32	50	10	☺
	DC118-02-09.525A1-	9,525	3/8"	24,6	89	35	50	10	☺
	DC118-02-09.800A1-	9,8		24,3	89	35	50	10	☺
	DC118-02-10.000A1-	10		24,1	89	35	50	10	☺
	DC118-02-10.200A1-	10,2		29	102	40	52	12	☺
	DC118-02-10.319A1-	10,319	13/32"	28,8	102	40	52	12	☺
	DC118-02-10.500A1-	10,5		28,7	102	40	52	12	☺

Ordering example for the grade WJ30ET: DC118-02-03.000A1-WJ30ET

**WALTER
SELECT**

●● Primary application ● Other application
Best tool for → Good = ☺ → Average = ☹ → Poor = ☹ machining conditions

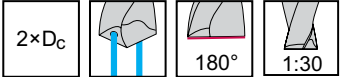
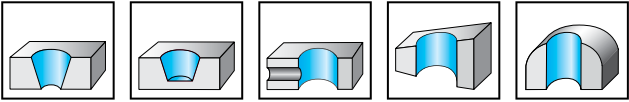
Tool		D _c p7 mm	D _c inch/Nr	L _c mm	l ₁ mm	l ₂ mm	l ₅ mm	d ₁ mm	WJ30ET
DIN 6535 HA	Designation								
	DC118-02-11.000A1-	11		28,2	102	40	52	12	☹
	DC118-02-11.113A1-	11,113	7/16"	31,1	102	43	52	12	☹
	DC118-02-11.500A1-	11,5		30,8	102	43	52	12	☹
	DC118-02-11.800A1-	11,8		30,5	102	43	52	12	☹
	DC118-02-11.906A1-	11,906	15/32"	30,4	102	43	52	12	☹
	DC118-02-12.000A1-	12		30,3	102	43	52	12	☹
	DC118-02-12.500A1-	12,5		35,9	107	49	52	14	☹
	DC118-02-12.700A1-	12,700	1/2"	35,7	107	49	52	14	☹
	DC118-02-13.000A1-	13		35,5	107	49	52	14	☹
	DC118-02-13.500A1-	13,5		35,1	107	49	52	14	☹
	DC118-02-14.000A1-	14		34,7	107	49	52	14	☹
	DC118-02-14.288A1-	14,288	9/16"	41,4	115	56	53	16	☹
	DC118-02-14.500A1-	14,5		41,3	115	56	53	16	☹
	DC118-02-15.000A1-	15		40,9	115	56	53	16	☹
	DC118-02-16.000A1-	16		40,2	115	56	53	16	☹
	DC118-02-17.000A1-	17		46,5	123	63	53	18	☹
	DC118-02-17.500A1-	17,5		46,2	123	63	53	18	☹
	DC118-02-18.000A1-	18		45,9	123	63	53	18	☹
	DC118-02-19.000A1-	19		52,3	131	70	55	20	☹
	DC118-02-20.000A1-	20		51,9	131	70	55	20	☹

Ordering example for the grade WJ30ET: DC118-02-03.000A1-WJ30ET

Solid carbide pilot drills with coolant-through
K5191TFT
X-treme Pilot 180 C



- For angled and round surfaces (e.g. crankshafts)
- Conical contour 1:30 – for step-free piloting



	P	M	K	N	S	H	O
TFT	●●	●●	●●	●●	●●	●	●

Tool		D _c mm	d ₃ mm	L _c mm	l ₁ mm	l ₂ mm	l ₅ mm	l ₁₅ mm	d ₁ h6 mm
	K5191TFT-4	4	3,9	10	59	16	36	3	6
	K5191TFT-5	5	4,9	11	63	19	36	3	6
	K5191TFT-6	6	5,85	13	68	22	36	4,5	8
	K5191TFT-7	7	6,85	15	73	26	36	4,5	8
DIN 6535 HA									

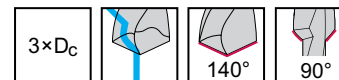
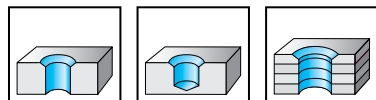
Solid carbide twist drills

DC260 Advance

X-treme Evo



- Step length in accordance with DIN 8378
- For threaded core hole drilling



	P	M	K	N	S	H	O
WJ30ET	●●	●●	●●	●●	●●	●●	●●

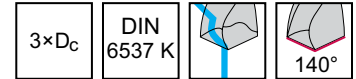
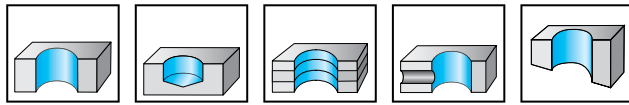
Tool	Designation	For threads	D _c mm	d ₁₀ mm	L _c mm	l ₁ mm	l ₂ mm	l ₅ mm	d ₁ h6 mm	WJ30ET
 DIN 6535 HA	DC260-03-03.300A0-	M 4	3,3	5	11	66	28	36	6	☺
	DC260-03-04.200A0-	M 5	4,2	6	14	66	28	36	6	☺
	DC260-03-05.000A0-	M 6	5	8	17	79	41	36	8	☺
	DC260-03-06.800A0-	M 8	6,8	10	21	89	47	40	10	☺
	DC260-03-08.500A0-	M 10	8,5	12	26	102	55	45	12	☺
	DC260-03-10.200A0-	M 12	10,2	14	30	107	60	45	14	☺
	DC260-03-12.000A0-	M 14	12	16	35	115	65	48	16	☺
	DC260-03-14.000A0-	M 16	14	18	39	123	73	48	18	☺
 DIN 6535 HE	DC260-03-03.300F0-	M 4	3,3	5	11	66	28	36	6	☺
	DC260-03-04.200F0-	M 5	4,2	6	14	66	28	36	6	☺
	DC260-03-05.000F0-	M 6	5	8	17	79	41	36	8	☺
	DC260-03-06.800F0-	M 8	6,8	10	21	89	47	40	10	☺
	DC260-03-07.000F0-	M 8 X 1	7	10	21	89	47	40	10	☺
	DC260-03-08.500F0-	M 10	8,5	12	26	102	55	45	12	☺
	DC260-03-09.000F0-	M 10 X 1	9	12	26	102	55	45	12	☺
	DC260-03-10.200F0-	M 12	10,2	14	30	107	60	45	14	☺
	DC260-03-10.500F0-	M 12 X 1,5	10,5	14	30	107	60	45	14	☺
	DC260-03-12.000F0-	M 14	12	16	35	115	65	48	16	☺
	DC260-03-12.500F0-	M 14 X 1,5	12,5	16	35	115	65	48	16	☺
	DC260-03-14.000F0-	M 16	14	18	39	123	73	48	18	☺
	DC260-03-14.500F0-	M 16 X 1,5	14,5	18	39	123	73	48	18	☺

Ordering example for the grade WJ30ET: DC260-03-03.300A0-WJ30ET

Solid carbide twist drills

DC160 Advance

X-treme Evo



	P	M	K	N	S	H	O
WJ30ET	●●	●	●●	●	●	●	●

B1

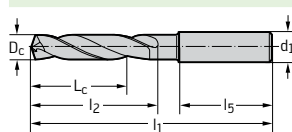
Tool	Designation	D _c mm	D _c Inch/Nr	L _c mm	l ₁ mm	l ₂ mm	l ₅ mm	d ₁ h6 mm	WJ30ET
	DC160-03-03.000A0-	3		14	62	20	36	6	☺
	DC160-03-03.100A0-	3,1		14	62	20	36	6	☺
	DC160-03-03.175A0-	3,175	1/8"	14	62	20	36	6	☺
	DC160-03-03.200A0-	3,2		14	62	20	36	6	☺
	DC160-03-03.250A0-	3,25		14	62	20	36	6	☺
	DC160-03-03.300A0-	3,3		14	62	20	36	6	☺
	DC160-03-03.400A0-	3,4		14	62	20	36	6	☺
	DC160-03-03.500A0-	3,5		14	62	20	36	6	☺
	DC160-03-03.572A0-	3,572	9/64"	14	62	20	36	6	☺
	DC160-03-03.600A0-	3,6		14	62	20	36	6	☺
	DC160-03-03.650A0-	3,65		14	62	20	36	6	☺
	DC160-03-03.700A0-	3,7		14	62	20	36	6	☺
	DC160-03-03.800A0-	3,8		17	66	24	36	6	☺
	DC160-03-03.900A0-	3,9		17	66	24	36	6	☺
	DC160-03-03.969A0-	3,969	5/32"	17	66	24	36	6	☺
	DC160-03-04.000A0-	4		17	66	24	36	6	☺
	DC160-03-04.100A0-	4,1		17	66	24	36	6	☺
	DC160-03-04.200A0-	4,2		17	66	24	36	6	☺
	DC160-03-04.300A0-	4,3		17	66	24	36	6	☺
	DC160-03-04.366A0-	4,366	11/64"	17	66	24	36	6	☺
	DC160-03-04.400A0-	4,4		17	66	24	36	6	☺
	DC160-03-04.500A0-	4,5		17	66	24	36	6	☺
	DC160-03-04.600A0-	4,6		17	66	24	36	6	☺
	DC160-03-04.650A0-	4,65		17	66	24	36	6	☺
	DC160-03-04.700A0-	4,7		17	66	24	36	6	☺
	DC160-03-04.763A0-	4,763	3/16"	20	66	28	36	6	☺
	DC160-03-04.800A0-	4,8		20	66	28	36	6	☺
	DC160-03-04.900A0-	4,9		20	66	28	36	6	☺
	DC160-03-05.000A0-	5		20	66	28	36	6	☺
	DC160-03-05.100A0-	5,1		20	66	28	36	6	☺
	DC160-03-05.159A0-	5,159	13/64"	20	66	28	36	6	☺
	DC160-03-05.200A0-	5,2		20	66	28	36	6	☺
	DC160-03-05.300A0-	5,3		20	66	28	36	6	☺
	DC160-03-05.400A0-	5,4		20	66	28	36	6	☺
	DC160-03-05.500A0-	5,5		20	66	28	36	6	☺
	DC160-03-05.550A0-	5,55		20	66	28	36	6	☺

Ordering example for the grade WJ30ET: DC160-03-03.000A0-WJ30ET

WALTER
SELECT

●● Primary application ● Other application
 Best tool for → Good = ☺ → Average = ☹ → Poor = ☹ machining conditions

Tool



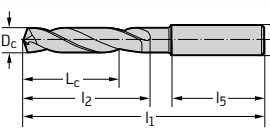
DIN 6535 HA

Designation	D _c mm	D _c Inch/Nr	L _c mm	l ₁ mm	l ₂ mm	l ₃ mm	d ₁ h6 mm	WJ30ET
DC160-03-05.556A0-	5,556	7/32"	20	66	28	36	6	☹
DC160-03-05.600A0-	5,6		20	66	28	36	6	☹
DC160-03-05.700A0-	5,7		20	66	28	36	6	☹
DC160-03-05.800A0-	5,8		20	66	28	36	6	☹
DC160-03-05.900A0-	5,9		20	66	28	36	6	☹
DC160-03-05.953A0-	5,953	15/64"	20	66	28	36	6	☹
DC160-03-06.000A0-	6		20	66	28	36	6	☹
DC160-03-06.100A0-	6,1		24	79	34	36	8	☹
DC160-03-06.200A0-	6,2		24	79	34	36	8	☹
DC160-03-06.300A0-	6,3		24	79	34	36	8	☹
DC160-03-06.350A0-	6,350	1/4"	24	79	34	36	8	☹
DC160-03-06.400A0-	6,4		24	79	34	36	8	☹
DC160-03-06.500A0-	6,5		24	79	34	36	8	☹
DC160-03-06.600A0-	6,6		24	79	34	36	8	☹
DC160-03-06.700A0-	6,7		24	79	34	36	8	☹
DC160-03-06.747A0-	6,747	17/64"	24	79	34	36	8	☹
DC160-03-06.800A0-	6,8		24	79	34	36	8	☹
DC160-03-06.900A0-	6,9		24	79	34	36	8	☹
DC160-03-07.000A0-	7		24	79	34	36	8	☹
DC160-03-07.100A0-	7,1		29	79	41	36	8	☹
DC160-03-07.144A0-	7,144	9/32"	29	79	41	36	8	☹
DC160-03-07.200A0-	7,2		29	79	41	36	8	☹
DC160-03-07.300A0-	7,3		29	79	41	36	8	☹
DC160-03-07.400A0-	7,4		29	79	41	36	8	☹
DC160-03-07.500A0-	7,5		29	79	41	36	8	☹
DC160-03-07.541A0-	7,541	19/64"	29	79	41	36	8	☹
DC160-03-07.550A0-	7,55		29	79	41	36	8	☹
DC160-03-07.600A0-	7,6		29	79	41	36	8	☹
DC160-03-07.700A0-	7,7		29	79	41	36	8	☹
DC160-03-07.800A0-	7,8		29	79	41	36	8	☹
DC160-03-07.900A0-	7,9		29	79	41	36	8	☹
DC160-03-07.938A0-	7,938	5/16"	29	79	41	36	8	☹
DC160-03-08.000A0-	8		29	79	41	36	8	☹
DC160-03-08.100A0-	8,1		35	89	47	40	10	☹
DC160-03-08.200A0-	8,2		35	89	47	40	10	☹
DC160-03-08.300A0-	8,3		35	89	47	40	10	☹
DC160-03-08.334A0-	8,334	21/64"	35	89	47	40	10	☹
DC160-03-08.400A0-	8,4		35	89	47	40	10	☹
DC160-03-08.500A0-	8,5		35	89	47	40	10	☹
DC160-03-08.600A0-	8,6		35	89	47	40	10	☹
DC160-03-08.700A0-	8,7		35	89	47	40	10	☹
DC160-03-08.731A0-	8,731	11/32"	35	89	47	40	10	☹
DC160-03-08.800A0-	8,8		35	89	47	40	10	☹
DC160-03-08.900A0-	8,9		35	89	47	40	10	☹
DC160-03-09.000A0-	9		35	89	47	40	10	☹
DC160-03-09.100A0-	9,1		35	89	47	40	10	☹

Ordering example for the grade WJ30ET: DC160-03-03.000A0-WJ30ET

WALTER
SELECT

●● Primary application ● Other application
Best tool for → Good = ☺ → Average = ☹ → Poor = ☹ machining conditions

Tool	Designation	D _c mm	D _c Inch/Nr	L _c mm	l ₁ mm	l ₂ mm	l ₅ mm	d ₁ h6 mm	WJ30ET
 DIN 6535 HA	DC160-03-09.128A0-	9,128	23/64"	35	89	47	40	10	☹
	DC160-03-09.200A0-	9,2		35	89	47	40	10	☹
	DC160-03-09.300A0-	9,3		35	89	47	40	10	☹
	DC160-03-09.400A0-	9,4		35	89	47	40	10	☹
	DC160-03-09.500A0-	9,5		35	89	47	40	10	☹
	DC160-03-09.525A0-	9,525	3/8"	35	89	47	40	10	☹
	DC160-03-09.550A0-	9,55		35	89	47	40	10	☹
	DC160-03-09.600A0-	9,6		35	89	47	40	10	☹
	DC160-03-09.700A0-	9,7		35	89	47	40	10	☹
	DC160-03-09.800A0-	9,8		35	89	47	40	10	☹
	DC160-03-09.900A0-	9,9		35	89	47	40	10	☹
	DC160-03-09.922A0-	9,922	25/64"	35	89	47	40	10	☹
	DC160-03-10.000A0-	10		35	89	47	40	10	☹
	DC160-03-10.100A0-	10,1		40	102	55	45	12	☹
	DC160-03-10.200A0-	10,2		40	102	55	45	12	☹
	DC160-03-10.300A0-	10,3		40	102	55	45	12	☹
	DC160-03-10.319A0-	10,319	13/32"	40	102	55	45	12	☹
	DC160-03-10.400A0-	10,4		40	102	55	45	12	☹
	DC160-03-10.500A0-	10,5		40	102	55	45	12	☹
	DC160-03-10.600A0-	10,6		40	102	55	45	12	☹
	DC160-03-10.700A0-	10,7		40	102	55	45	12	☹
	DC160-03-10.716A0-	10,716	27/64"	40	102	55	45	12	☹
	DC160-03-10.800A0-	10,8		40	102	55	45	12	☹
	DC160-03-10.900A0-	10,9		40	102	55	45	12	☹
	DC160-03-11.000A0-	11		40	102	55	45	12	☹
	DC160-03-11.100A0-	11,1		40	102	55	45	12	☹
	DC160-03-11.113A0-	11,113	7/16"	40	102	55	45	12	☹
	DC160-03-11.200A0-	11,2		40	102	55	45	12	☹
	DC160-03-11.300A0-	11,3		40	102	55	45	12	☹
	DC160-03-11.400A0-	11,4		40	102	55	45	12	☹
	DC160-03-11.500A0-	11,5		40	102	55	45	12	☹
	DC160-03-11.509A0-	11,509	29/64"	40	102	55	45	12	☹
	DC160-03-11.550A0-	11,55		40	102	55	45	12	☹
	DC160-03-11.700A0-	11,7		40	102	55	45	12	☹
	DC160-03-11.800A0-	11,8		40	102	55	45	12	☹
	DC160-03-11.900A0-	11,9		40	102	55	45	12	☹
	DC160-03-11.906A0-	11,906	15/32"	40	102	55	45	12	☹
	DC160-03-12.000A0-	12		40	102	55	45	12	☹
	DC160-03-12.100A0-	12,1		43	107	60	45	14	☹
	DC160-03-12.200A0-	12,2		43	107	60	45	14	☹
	DC160-03-12.250A0-	12,25		43	107	60	45	14	☹
	DC160-03-12.300A0-	12,3		43	107	60	45	14	☹
	DC160-03-12.303A0-	12,303	31/64"	43	107	60	45	14	☹
	DC160-03-12.400A0-	12,4		43	107	60	45	14	☹
	DC160-03-12.500A0-	12,5		43	107	60	45	14	☹
	DC160-03-12.600A0-	12,6		43	107	60	45	14	☹

Ordering example for the grade WJ30ET: DC160-03-03.000A0-WJ30ET

**WALTER
SELECT**

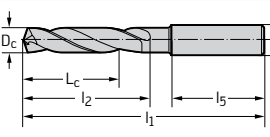
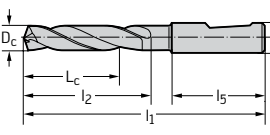
● ● Primary application ● Other application
 Best tool for → Good = ☺ → Average = ☹ → Poor = ☹ machining conditions

Tool	Designation	D _c m7 mm	D _c Inch/Nr	L _c mm	l ₁ mm	l ₂ mm	l ₅ mm	d ₁ h6 mm	WJ30ET
DIN 6535 HA	DC160-03-12.700A0-	12,700	1/2"	43	107	60	45	14	☺
	DC160-03-12.750A0-	12,75		43	107	60	45	14	☺
	DC160-03-12.800A0-	12,8		43	107	60	45	14	☺
	DC160-03-12.900A0-	12,9		43	107	60	45	14	☺
	DC160-03-13.000A0-	13		43	107	60	45	14	☺
	DC160-03-13.100A0-	13,1		43	107	60	45	14	☺
	DC160-03-13.200A0-	13,2		43	107	60	45	14	☺
	DC160-03-13.300A0-	13,3		43	107	60	45	14	☺
	DC160-03-13.400A0-	13,4		43	107	60	45	14	☺
	DC160-03-13.494A0-	13,494	17/32"	43	107	60	45	14	☺
	DC160-03-13.500A0-	13,5		43	107	60	45	14	☺
	DC160-03-13.600A0-	13,6		43	107	60	45	14	☺
	DC160-03-13.700A0-	13,7		43	107	60	45	14	☺
	DC160-03-13.800A0-	13,8		43	107	60	45	14	☺
	DC160-03-13.900A0-	13,9		43	107	60	45	14	☺
	DC160-03-14.000A0-	14		43	107	60	45	14	☺
	DC160-03-14.100A0-	14,1		45	115	65	48	16	☺
	DC160-03-14.200A0-	14,2		45	115	65	48	16	☺
	DC160-03-14.288A0-	14,288	9/16"	45	115	65	48	16	☺
	DC160-03-14.300A0-	14,3		45	115	65	48	16	☺
	DC160-03-14.400A0-	14,4		45	115	65	48	16	☺
	DC160-03-14.500A0-	14,5		45	115	65	48	16	☺
	DC160-03-14.600A0-	14,6		45	115	65	48	16	☺
	DC160-03-14.700A0-	14,7		45	115	65	48	16	☺
	DC160-03-14.800A0-	14,8		45	115	65	48	16	☺
	DC160-03-15.000A0-	15		45	115	65	48	16	☺
	DC160-03-15.100A0-	15,1		45	115	65	48	16	☺
	DC160-03-15.200A0-	15,2		45	115	65	48	16	☺
	DC160-03-15.300A0-	15,3		45	115	65	48	16	☺
	DC160-03-15.500A0-	15,5		45	115	65	48	16	☺
	DC160-03-15.600A0-	15,6		45	115	65	48	16	☺
	DC160-03-15.700A0-	15,7		45	115	65	48	16	☺
	DC160-03-15.800A0-	15,8		45	115	65	48	16	☺
	DC160-03-15.875A0-	15,875	5/8"	45	115	65	48	16	☺
	DC160-03-15.900A0-	15,9		45	115	65	48	16	☺
	DC160-03-16.000A0-	16		45	115	65	48	16	☺
	DC160-03-16.100A0-	16,1		51	123	73	48	18	☺
	DC160-03-16.200A0-	16,2		51	123	73	48	18	☺
	DC160-03-16.300A0-	16,3		51	123	73	48	18	☺
	DC160-03-16.500A0-	16,5		51	123	73	48	18	☺
	DC160-03-16.600A0-	16,6		51	123	73	48	18	☺
	DC160-03-16.700A0-	16,7		51	123	73	48	18	☺
	DC160-03-16.750A0-	16,75		51	123	73	48	18	☺
	DC160-03-16.800A0-	16,8		51	123	73	48	18	☺
	DC160-03-17.000A0-	17		51	123	73	48	18	☺
	DC160-03-17.200A0-	17,2		51	123	73	48	18	☺

Ordering example for the grade WJ30ET: DC160-03-03.000A0-WJ30ET

**WALTER
SELECT**

●● Primary application ● Other application
Best tool for → Good = ☺ → Average = ☹ → Poor = ☹ machining conditions

Tool		D _c m7 mm	D _c Inch/Nr	L _c mm	l ₁ mm	l ₂ mm	l ₅ mm	d ₁ h6 mm	WJ30ET
 DIN 6535 HA	Designation								
	DC160-03-17.300A0-	17,3		51	123	73	48	18	☹
	DC160-03-17.500A0-	17,5		51	123	73	48	18	☹
	DC160-03-17.600A0-	17,6		51	123	73	48	18	☹
	DC160-03-17.700A0-	17,7		51	123	73	48	18	☹
	DC160-03-17.800A0-	17,8		51	123	73	48	18	☹
	DC160-03-18.000A0-	18		51	123	73	48	18	☹
	DC160-03-18.200A0-	18,2		55	131	79	50	20	☹
	DC160-03-18.500A0-	18,5		55	131	79	50	20	☹
	DC160-03-18.700A0-	18,7		55	131	79	50	20	☹
	DC160-03-18.800A0-	18,8		55	131	79	50	20	☹
	DC160-03-19.000A0-	19		55	131	79	50	20	☹
	DC160-03-19.050A0-	19,050	3/4"	55	131	79	50	20	☹
	DC160-03-19.500A0-	19,5		55	131	79	50	20	☹
	DC160-03-19.700A0-	19,7		55	131	79	50	20	☹
	DC160-03-19.800A0-	19,8		55	131	79	50	20	☹
	DC160-03-20.000A0-	20		55	131	79	50	20	☹
 DIN 6535 HE	DC160-03-03.000F0-	3		14	62	20	36	6	☹
	DC160-03-03.100F0-	3,1		14	62	20	36	6	☹
	DC160-03-03.200F0-	3,2		14	62	20	36	6	☹
	DC160-03-03.250F0-	3,25		14	62	20	36	6	☹
	DC160-03-03.300F0-	3,3		14	62	20	36	6	☹
	DC160-03-03.400F0-	3,4		14	62	20	36	6	☹
	DC160-03-03.500F0-	3,5		14	62	20	36	6	☹
	DC160-03-03.600F0-	3,6		14	62	20	36	6	☹
	DC160-03-03.650F0-	3,65		14	62	20	36	6	☹
	DC160-03-03.700F0-	3,7		14	62	20	36	6	☹
	DC160-03-03.800F0-	3,8		17	66	24	36	6	☹
	DC160-03-03.900F0-	3,9		17	66	24	36	6	☹
	DC160-03-04.000F0-	4		17	66	24	36	6	☹
	DC160-03-04.100F0-	4,1		17	66	24	36	6	☹
	DC160-03-04.200F0-	4,2		17	66	24	36	6	☹
	DC160-03-04.300F0-	4,3		17	66	24	36	6	☹
	DC160-03-04.400F0-	4,4		17	66	24	36	6	☹
	DC160-03-04.500F0-	4,5		17	66	24	36	6	☹
	DC160-03-04.600F0-	4,6		17	66	24	36	6	☹
	DC160-03-04.650F0-	4,65		17	66	24	36	6	☹
	DC160-03-04.700F0-	4,7		17	66	24	36	6	☹
	DC160-03-04.800F0-	4,8		20	66	28	36	6	☹
	DC160-03-04.900F0-	4,9		20	66	28	36	6	☹
	DC160-03-05.000F0-	5		20	66	28	36	6	☹
	DC160-03-05.100F0-	5,1		20	66	28	36	6	☹
	DC160-03-05.200F0-	5,2		20	66	28	36	6	☹
	DC160-03-05.300F0-	5,3		20	66	28	36	6	☹
	DC160-03-05.400F0-	5,4		20	66	28	36	6	☹
	DC160-03-05.500F0-	5,5		20	66	28	36	6	☹
	DC160-03-05.550F0-	5,55		20	66	28	36	6	☹

Ordering example for the grade WJ30ET: DC160-03-03.000A0-WJ30ET

**WALTER
SELECT**

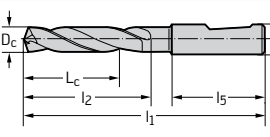
● ● Primary application ● Other application
 Best tool for → Good = ☺ → Average = ☹ → Poor = ☹ machining conditions

Tool	Designation	D _c mm	D _c inch/Nr	L _c mm	l ₁ mm	l ₂ mm	l ₅ mm	d ₁ h6 mm	WJ30ET
DIN 6535 HE	DC160-03-05.600F0-	5,6		20	66	28	36	6	☹
	DC160-03-05.700F0-	5,7		20	66	28	36	6	☹
	DC160-03-05.800F0-	5,8		20	66	28	36	6	☹
	DC160-03-05.900F0-	5,9		20	66	28	36	6	☹
	DC160-03-06.000F0-	6		20	66	28	36	6	☹
	DC160-03-06.100F0-	6,1		24	79	34	36	8	☹
	DC160-03-06.200F0-	6,2		24	79	34	36	8	☹
	DC160-03-06.300F0-	6,3		24	79	34	36	8	☹
	DC160-03-06.400F0-	6,4		24	79	34	36	8	☹
	DC160-03-06.500F0-	6,5		24	79	34	36	8	☹
	DC160-03-06.600F0-	6,6		24	79	34	36	8	☹
	DC160-03-06.700F0-	6,7		24	79	34	36	8	☹
	DC160-03-06.800F0-	6,8		24	79	34	36	8	☹
	DC160-03-06.900F0-	6,9		24	79	34	36	8	☹
	DC160-03-07.000F0-	7		24	79	34	36	8	☹
	DC160-03-07.100F0-	7,1		29	79	41	36	8	☹
	DC160-03-07.200F0-	7,2		29	79	41	36	8	☹
	DC160-03-07.300F0-	7,3		29	79	41	36	8	☹
	DC160-03-07.400F0-	7,4		29	79	41	36	8	☹
	DC160-03-07.500F0-	7,5		29	79	41	36	8	☹
	DC160-03-07.550F0-	7,55		29	79	41	36	8	☹
	DC160-03-07.600F0-	7,6		29	79	41	36	8	☹
	DC160-03-07.700F0-	7,7		29	79	41	36	8	☹
	DC160-03-07.800F0-	7,8		29	79	41	36	8	☹
	DC160-03-07.900F0-	7,9		29	79	41	36	8	☹
	DC160-03-08.000F0-	8		29	79	41	36	8	☹
	DC160-03-08.100F0-	8,1		35	89	47	40	10	☹
	DC160-03-08.200F0-	8,2		35	89	47	40	10	☹
	DC160-03-08.300F0-	8,3		35	89	47	40	10	☹
	DC160-03-08.400F0-	8,4		35	89	47	40	10	☹
	DC160-03-08.500F0-	8,5		35	89	47	40	10	☹
	DC160-03-08.600F0-	8,6		35	89	47	40	10	☹
	DC160-03-08.700F0-	8,7		35	89	47	40	10	☹
	DC160-03-08.800F0-	8,8		35	89	47	40	10	☹
	DC160-03-08.900F0-	8,9		35	89	47	40	10	☹
	DC160-03-09.000F0-	9		35	89	47	40	10	☹
	DC160-03-09.100F0-	9,1		35	89	47	40	10	☹
	DC160-03-09.200F0-	9,2		35	89	47	40	10	☹
	DC160-03-09.300F0-	9,3		35	89	47	40	10	☹
	DC160-03-09.400F0-	9,4		35	89	47	40	10	☹
	DC160-03-09.500F0-	9,5		35	89	47	40	10	☹
	DC160-03-09.550F0-	9,55		35	89	47	40	10	☹
	DC160-03-09.600F0-	9,6		35	89	47	40	10	☹
	DC160-03-09.700F0-	9,7		35	89	47	40	10	☹
	DC160-03-09.800F0-	9,8		35	89	47	40	10	☹
	DC160-03-09.900F0-	9,9		35	89	47	40	10	☹

Ordering example for the grade WJ30ET: DC160-03-03.000A0-WJ30ET

WALTER
SELECT

●● Primary application ● Other application
Best tool for → Good = ☺ → Average = ☹ → Poor = ☹ machining conditions

Tool		D _c m7 mm	D _c Inch/Nr	L _c mm	l ₁ mm	l ₂ mm	l ₅ mm	d ₁ h6 mm	WJ30ET
	Designation								
DIN 6535 HE	DC160-03-10.000F0-	10		35	89	47	40	10	☹
	DC160-03-10.100F0-	10,1		40	102	55	45	12	☹
	DC160-03-10.200F0-	10,2		40	102	55	45	12	☹
	DC160-03-10.300F0-	10,3		40	102	55	45	12	☹
	DC160-03-10.400F0-	10,4		40	102	55	45	12	☹
	DC160-03-10.500F0-	10,5		40	102	55	45	12	☹
	DC160-03-10.600F0-	10,6		40	102	55	45	12	☹
	DC160-03-10.700F0-	10,7		40	102	55	45	12	☹
	DC160-03-10.800F0-	10,8		40	102	55	45	12	☹
	DC160-03-10.900F0-	10,9		40	102	55	45	12	☹
	DC160-03-11.000F0-	11		40	102	55	45	12	☹
	DC160-03-11.100F0-	11,1		40	102	55	45	12	☹
	DC160-03-11.200F0-	11,2		40	102	55	45	12	☹
	DC160-03-11.300F0-	11,3		40	102	55	45	12	☹
	DC160-03-11.400F0-	11,4		40	102	55	45	12	☹
	DC160-03-11.500F0-	11,5		40	102	55	45	12	☹
	DC160-03-11.550F0-	11,55		40	102	55	45	12	☹
	DC160-03-11.600F0-	11,6		40	102	55	45	12	☹
	DC160-03-11.700F0-	11,7		40	102	55	45	12	☹
	DC160-03-11.800F0-	11,8		40	102	55	45	12	☹
	DC160-03-11.900F0-	11,9		40	102	55	45	12	☹
	DC160-03-12.000F0-	12		40	102	55	45	12	☹
	DC160-03-12.100F0-	12,1		43	107	60	45	14	☹
	DC160-03-12.200F0-	12,2		43	107	60	45	14	☹
	DC160-03-12.250F0-	12,25		43	107	60	45	14	☹
	DC160-03-12.300F0-	12,3		43	107	60	45	14	☹
	DC160-03-12.400F0-	12,4		43	107	60	45	14	☹
	DC160-03-12.500F0-	12,5		43	107	60	45	14	☹
	DC160-03-12.600F0-	12,6		43	107	60	45	14	☹
	DC160-03-12.700F0-	12,700	1/2"	43	107	60	45	14	☹
	DC160-03-12.750F0-	12,75		43	107	60	45	14	☹
	DC160-03-12.800F0-	12,8		43	107	60	45	14	☹
	DC160-03-12.900F0-	12,9		43	107	60	45	14	☹
	DC160-03-13.000F0-	13		43	107	60	45	14	☹
	DC160-03-13.100F0-	13,1		43	107	60	45	14	☹
	DC160-03-13.200F0-	13,2		43	107	60	45	14	☹
	DC160-03-13.300F0-	13,3		43	107	60	45	14	☹
	DC160-03-13.400F0-	13,4		43	107	60	45	14	☹
	DC160-03-13.500F0-	13,5		43	107	60	45	14	☹
	DC160-03-13.600F0-	13,6		43	107	60	45	14	☹
	DC160-03-13.700F0-	13,7		43	107	60	45	14	☹
	DC160-03-13.800F0-	13,8		43	107	60	45	14	☹
	DC160-03-13.900F0-	13,9		43	107	60	45	14	☹
	DC160-03-14.000F0-	14		43	107	60	45	14	☹
	DC160-03-14.100F0-	14,1		45	115	65	48	16	☹
	DC160-03-14.200F0-	14,2		45	115	65	48	16	☹

Ordering example for the grade WJ30ET: DC160-03-03.000A0-WJ30ET

WALTER
SELECT

● ● Primary application ● Other application

Best tool for → Good = ☺ → Average = ☹ → Poor = ☹ machining conditions

Tool		D _c m7 mm	D _c inch/Nr	L _c mm	l ₁ mm	l ₂ mm	l ₅ mm	d ₁ h6 mm	WJ30ET
	Designation								
	DC160-03-14.300F0-	14,3		45	115	65	48	16	☹
	DC160-03-14.400F0-	14,4		45	115	65	48	16	☹
	DC160-03-14.500F0-	14,5		45	115	65	48	16	☹
	DC160-03-14.600F0-	14,6		45	115	65	48	16	☹
	DC160-03-14.700F0-	14,7		45	115	65	48	16	☹
	DC160-03-14.750F0-	14,75		45	115	65	48	16	☹
	DC160-03-14.800F0-	14,8		45	115	65	48	16	☹
	DC160-03-15.000F0-	15		45	115	65	48	16	☹
	DC160-03-15.100F0-	15,1		45	115	65	48	16	☹
	DC160-03-15.200F0-	15,2		45	115	65	48	16	☹
	DC160-03-15.300F0-	15,3		45	115	65	48	16	☹
	DC160-03-15.500F0-	15,5		45	115	65	48	16	☹
	DC160-03-15.600F0-	15,6		45	115	65	48	16	☹
	DC160-03-15.700F0-	15,7		45	115	65	48	16	☹
	DC160-03-15.800F0-	15,8		45	115	65	48	16	☹
	DC160-03-15.900F0-	15,9		45	115	65	48	16	☹
	DC160-03-16.000F0-	16		45	115	65	48	16	☹
	DC160-03-16.100F0-	16,1		51	123	73	48	18	☹
	DC160-03-16.200F0-	16,2		51	123	73	48	18	☹
	DC160-03-16.300F0-	16,3		51	123	73	48	18	☹
	DC160-03-16.400F0-	16,4		51	123	73	48	18	☹
	DC160-03-16.500F0-	16,5		51	123	73	48	18	☹
	DC160-03-16.600F0-	16,6		51	123	73	48	18	☹
	DC160-03-16.700F0-	16,7		51	123	73	48	18	☹
	DC160-03-16.750F0-	16,75		51	123	73	48	18	☹
	DC160-03-16.800F0-	16,8		51	123	73	48	18	☹
	DC160-03-17.000F0-	17		51	123	73	48	18	☹
	DC160-03-17.200F0-	17,2		51	123	73	48	18	☹
	DC160-03-17.300F0-	17,3		51	123	73	48	18	☹
	DC160-03-17.500F0-	17,5		51	123	73	48	18	☹
	DC160-03-17.600F0-	17,6		51	123	73	48	18	☹
	DC160-03-17.700F0-	17,7		51	123	73	48	18	☹
	DC160-03-17.800F0-	17,8		51	123	73	48	18	☹
	DC160-03-18.000F0-	18		51	123	73	48	18	☹
	DC160-03-18.200F0-	18,2		55	131	79	50	20	☹
	DC160-03-18.500F0-	18,5		55	131	79	50	20	☹
	DC160-03-18.700F0-	18,7		55	131	79	50	20	☹
	DC160-03-18.800F0-	18,8		55	131	79	50	20	☹
	DC160-03-19.000F0-	19		55	131	79	50	20	☹
	DC160-03-19.500F0-	19,5		55	131	79	50	20	☹
	DC160-03-19.700F0-	19,7		55	131	79	50	20	☹
	DC160-03-19.800F0-	19,8		55	131	79	50	20	☹
	DC160-03-20.000F0-	20		55	131	79	50	20	☹

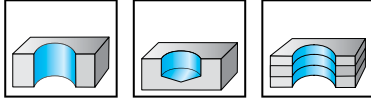
Ordering example for the grade WJ30ET: DC160-03-03.000A0-WJ30ET

Solid carbide twist drills

DC150 Perform

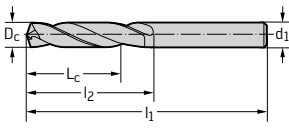


– Up to 1.9 mm dimensions in accordance with DIN 1897



	P	M	K	N	S	H	O
WJ30RE	●●	●	●●	●	●	●	●

B1

Tool	Designation	D _c h7 mm	D _c Inch/Nr	L _c mm	l ₁ mm	l ₂ mm	d ₁ h6 mm	WJ30RE
 Cylindrical shank	DC150-03-01.500U0-	1,5		6	32	9	1,5	☺
	DC150-03-01.588U0-	1,588	1/16"	7	34	10	1,588	☺
	DC150-03-01.600U0-	1,6		7	34	10	1,6	☺
	DC150-03-01.700U0-	1,7		7	34	10	1,7	☺
	DC150-03-01.800U0-	1,8		8	36	11	1,8	☺
	DC150-03-01.820U0-	1,82		8	36	11	1,82	☺
	DC150-03-01.900U0-	1,9		8	36	11	1,9	☺
	DC150-03-01.984U0-	1,984	5/64"	8	38	12	1,984	☺
	DC150-03-02.000U0-	2		8	38	12	2	☺
	DC150-03-02.050U0-	2,05		8	38	12	2,05	☺
	DC150-03-02.100U0-	2,1		8	38	12	2,1	☺
	DC150-03-02.200U0-	2,2		9	40	13	2,2	☺
	DC150-03-02.300U0-	2,3		9	40	13	2,3	☺
	DC150-03-02.381U0-	2,381	3/32"	10	43	14	2,381	☺
	DC150-03-02.400U0-	2,4		10	43	14	2,4	☺
	DC150-03-02.500U0-	2,5		10	43	14	2,5	☺
	DC150-03-02.600U0-	2,6		10	43	14	2,6	☺
	DC150-03-02.700U0-	2,7		11	46	16	2,7	☺
	DC150-03-02.778U0-	2,778	7/64"	11	46	16	2,778	☺
	DC150-03-02.800U0-	2,8		11	46	16	2,8	☺
	DC150-03-02.900U0-	2,9		11	46	16	2,9	☺

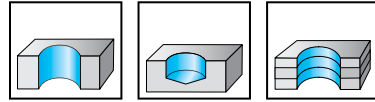
Ordering example for the grade WJ30RE: DC150-03-01.500U0-WJ30RE

**WALTER
SELECT**

●● Primary application ● Other application
Best tool for → Good = ☺ → Average = ☹ → Poor = ☹ machining conditions

Solid carbide twist drills

DC150 Perform



	P	M	K	N	S	H	O
WJ30RE	●	●	●	●	●	●	●

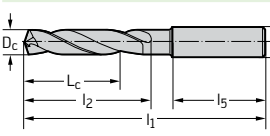
Tool	Designation	D _c mm	D _c Inch/Nr	L _c mm	l ₁ mm	l ₂ mm	l ₅ mm	d ₁ h6 mm	WJ30RE
 DIN 6535 HA	DC150-03-03.000A0-	3		14	62	20	36	6	☹
	DC150-03-03.100A0-	3,1		14	62	20	36	6	☹
	DC150-03-03.175A0-	3,175	1/8"	14	62	20	36	6	☹
	DC150-03-03.200A0-	3,2		14	62	20	36	6	☹
	DC150-03-03.250A0-	3,25		14	62	20	36	6	☹
	DC150-03-03.300A0-	3,3		14	62	20	36	6	☹
	DC150-03-03.400A0-	3,4		14	62	20	36	6	☹
	DC150-03-03.500A0-	3,5		14	62	20	36	6	☹
	DC150-03-03.572A0-	3,572	9/64"	14	62	20	36	6	☹
	DC150-03-03.600A0-	3,6		14	62	20	36	6	☹
	DC150-03-03.700A0-	3,7		14	62	20	36	6	☹
	DC150-03-03.800A0-	3,8		17	66	24	36	6	☹
	DC150-03-03.900A0-	3,9		17	66	24	36	6	☹
	DC150-03-03.969A0-	3,969	5/32"	17	66	24	36	6	☹
	DC150-03-04.000A0-	4		17	66	24	36	6	☹
	DC150-03-04.100A0-	4,1		17	66	24	36	6	☹
	DC150-03-04.200A0-	4,2		17	66	24	36	6	☹
	DC150-03-04.300A0-	4,3		17	66	24	36	6	☹
	DC150-03-04.366A0-	4,366	11/64"	17	66	24	36	6	☹
	DC150-03-04.400A0-	4,4		17	66	24	36	6	☹
	DC150-03-04.500A0-	4,5		17	66	24	36	6	☹
	DC150-03-04.600A0-	4,6		17	66	24	36	6	☹
	DC150-03-04.650A0-	4,65		17	66	24	36	6	☹
	DC150-03-04.700A0-	4,7		17	66	24	36	6	☹
	DC150-03-04.763A0-	4,763	3/16"	20	66	28	36	6	☹
	DC150-03-04.800A0-	4,8		20	66	28	36	6	☹
	DC150-03-04.900A0-	4,9		20	66	28	36	6	☹
	DC150-03-05.000A0-	5		20	66	28	36	6	☹
	DC150-03-05.100A0-	5,1		20	66	28	36	6	☹
	DC150-03-05.159A0-	5,159	13/64"	20	66	28	36	6	☹
	DC150-03-05.200A0-	5,2		20	66	28	36	6	☹
	DC150-03-05.300A0-	5,3		20	66	28	36	6	☹
	DC150-03-05.400A0-	5,4		20	66	28	36	6	☹
	DC150-03-05.500A0-	5,5		20	66	28	36	6	☹
	DC150-03-05.550A0-	5,55		20	66	28	36	6	☹
	DC150-03-05.556A0-	5,556	7/32"	20	66	28	36	6	☹

Ordering example for the grade WJ30RE: DC150-03-03.000A0-WJ30RE

WALTER
SELECT

●● Primary application ● Other application

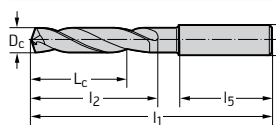
Best tool for → Good = ☺ → Average = ☹ → Poor = ☹ machining conditions

Tool	Designation	D _c m7 mm	D _c Inch/Nr	L _c mm	l ₁ mm	l ₂ mm	l ₅ mm	d ₁ h6 mm	WJ30RE
 DIN 6535 HA	DC150-03-05.600A0-	5,6		20	66	28	36	6	
	DC150-03-05.700A0-	5,7		20	66	28	36	6	
	DC150-03-05.800A0-	5,8		20	66	28	36	6	
	DC150-03-05.900A0-	5,9		20	66	28	36	6	
	DC150-03-05.953A0-	5,953	15/64"	20	66	28	36	6	
	DC150-03-06.000A0-	6		20	66	28	36	6	
	DC150-03-06.100A0-	6,1		24	79	34	36	8	
	DC150-03-06.200A0-	6,2		24	79	34	36	8	
	DC150-03-06.300A0-	6,3		24	79	34	36	8	
	DC150-03-06.350A0-	6,350	1/4"	24	79	34	36	8	
	DC150-03-06.400A0-	6,4		24	79	34	36	8	
	DC150-03-06.500A0-	6,5		24	79	34	36	8	
	DC150-03-06.600A0-	6,6		24	79	34	36	8	
	DC150-03-06.700A0-	6,7		24	79	34	36	8	
	DC150-03-06.747A0-	6,747	17/64"	24	79	34	36	8	
	DC150-03-06.800A0-	6,8		24	79	34	36	8	
	DC150-03-06.900A0-	6,9		24	79	34	36	8	
	DC150-03-07.000A0-	7		24	79	34	36	8	
	DC150-03-07.100A0-	7,1		29	79	41	36	8	
	DC150-03-07.144A0-	7,144	9/32"	29	79	41	36	8	
	DC150-03-07.200A0-	7,2		29	79	41	36	8	
	DC150-03-07.300A0-	7,3		29	79	41	36	8	
	DC150-03-07.400A0-	7,4		29	79	41	36	8	
	DC150-03-07.500A0-	7,5		29	79	41	36	8	
	DC150-03-07.541A0-	7,541	19/64"	29	79	41	36	8	
	DC150-03-07.600A0-	7,6		29	79	41	36	8	
	DC150-03-07.700A0-	7,7		29	79	41	36	8	
	DC150-03-07.800A0-	7,8		29	79	41	36	8	
	DC150-03-07.900A0-	7,9		29	79	41	36	8	
	DC150-03-07.938A0-	7,938	5/16"	29	79	41	36	8	
	DC150-03-08.000A0-	8		29	79	41	36	8	
	DC150-03-08.100A0-	8,1		35	89	47	40	10	
	DC150-03-08.200A0-	8,2		35	89	47	40	10	
	DC150-03-08.300A0-	8,3		35	89	47	40	10	
	DC150-03-08.334A0-	8,334	21/64"	35	89	47	40	10	
	DC150-03-08.400A0-	8,4		35	89	47	40	10	
	DC150-03-08.500A0-	8,5		35	89	47	40	10	
	DC150-03-08.600A0-	8,6		35	89	47	40	10	
	DC150-03-08.700A0-	8,7		35	89	47	40	10	
	DC150-03-08.731A0-	8,731	11/32"	35	89	47	40	10	
DC150-03-08.800A0-	8,8		35	89	47	40	10		
DC150-03-08.900A0-	8,9		35	89	47	40	10		
DC150-03-09.000A0-	9		35	89	47	40	10		
DC150-03-09.100A0-	9,1		35	89	47	40	10		
DC150-03-09.200A0-	9,2		35	89	47	40	10		
DC150-03-09.300A0-	9,3		35	89	47	40	10		

Ordering example for the grade WJ30RE: DC150-03-03.000A0-WJ30RE

**WALTER
SELECT**

● ● Primary application ● Other application
 Best tool for → Good = ☺ → Average = ☹ → Poor = ☹ machining conditions

Tool	Designation	D _c m7 mm	D _c inch/Nr	L _c mm	l ₁ mm	l ₂ mm	l ₅ mm	d ₁ h6 mm	WJ30RE
	DC150-03-09.400A0-	9,4		35	89	47	40	10	☹
	DC150-03-09.500A0-	9,5		35	89	47	40	10	☹
	DC150-03-09.525A0-	9,525	3/8"	35	89	47	40	10	☹
	DC150-03-09.600A0-	9,6		35	89	47	40	10	☹
	DC150-03-09.700A0-	9,7		35	89	47	40	10	☹
	DC150-03-09.800A0-	9,8		35	89	47	40	10	☹
	DC150-03-09.900A0-	9,9		35	89	47	40	10	☹
	DC150-03-09.922A0-	9,922	25/64"	35	89	47	40	10	☹
	DC150-03-10.000A0-	10		35	89	47	40	10	☹
	DC150-03-10.100A0-	10,1		40	102	55	45	12	☹
	DC150-03-10.200A0-	10,2		40	102	55	45	12	☹
	DC150-03-10.300A0-	10,3		40	102	55	45	12	☹
	DC150-03-10.319A0-	10,319	13/32"	40	102	55	45	12	☹
	DC150-03-10.400A0-	10,4		40	102	55	45	12	☹
	DC150-03-10.500A0-	10,5		40	102	55	45	12	☹
	DC150-03-10.600A0-	10,6		40	102	55	45	12	☹
	DC150-03-10.716A0-	10,716	27/64"	40	102	55	45	12	☹
	DC150-03-10.800A0-	10,8		40	102	55	45	12	☹
	DC150-03-11.000A0-	11		40	102	55	45	12	☹
	DC150-03-11.100A0-	11,1		40	102	55	45	12	☹
	DC150-03-11.113A0-	11,113	7/16"	40	102	55	45	12	☹
	DC150-03-11.200A0-	11,2		40	102	55	45	12	☹
	DC150-03-11.300A0-	11,3		40	102	55	45	12	☹
	DC150-03-11.400A0-	11,4		40	102	55	45	12	☹
	DC150-03-11.500A0-	11,5		40	102	55	45	12	☹
	DC150-03-11.509A0-	11,509	29/64"	40	102	55	45	12	☹
	DC150-03-11.700A0-	11,7		40	102	55	45	12	☹
	DC150-03-11.800A0-	11,8		40	102	55	45	12	☹
	DC150-03-11.900A0-	11,9		40	102	55	45	12	☹
	DC150-03-12.000A0-	12		40	102	55	45	12	☹
	DC150-03-12.100A0-	12,1		43	107	60	45	14	☹
	DC150-03-12.200A0-	12,2		43	107	60	45	14	☹
	DC150-03-12.250A0-	12,25		43	107	60	45	14	☹
	DC150-03-12.300A0-	12,3		43	107	60	45	14	☹
	DC150-03-12.303A0-	12,303	31/64"	43	107	60	45	14	☹
	DC150-03-12.500A0-	12,5		43	107	60	45	14	☹
	DC150-03-12.700A0-	12,700	1/2"	43	107	60	45	14	☹
	DC150-03-12.800A0-	12,8		43	107	60	45	14	☹
	DC150-03-13.000A0-	13		43	107	60	45	14	☹
	DC150-03-13.100A0-	13,1		43	107	60	45	14	☹
	DC150-03-13.300A0-	13,3		43	107	60	45	14	☹
	DC150-03-13.494A0-	13,494	17/32"	43	107	60	45	14	☹
	DC150-03-13.500A0-	13,5		43	107	60	45	14	☹
	DC150-03-14.000A0-	14		43	107	60	45	14	☹
	DC150-03-14.200A0-	14,2		45	115	65	48	16	☹
	DC150-03-14.288A0-	14,288	9/16"	45	115	65	48	16	☹

Ordering example for the grade WJ30RE: DC150-03-03.000A0-WJ30RE

WALTER
SELECT

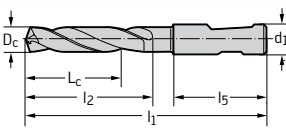
● ● Primary application ● Other application
Best tool for → Good = ☺ → Average = ☹ → Poor = ☹ machining conditions

Tool		D _c m7 mm	D _c Inch/Nr	L _c mm	l ₁ mm	l ₂ mm	l ₅ mm	d ₁ h6 mm	WJ30RE
 DIN 6535 HA	Designation								
	DC150-03-14.500A0-	14,5		45	115	65	48	16	☺
	DC150-03-14.700A0-	14,7		45	115	65	48	16	☺
	DC150-03-14.800A0-	14,8		45	115	65	48	16	☺
	DC150-03-15.000A0-	15		45	115	65	48	16	☺
	DC150-03-15.100A0-	15,1		45	115	65	48	16	☺
	DC150-03-15.500A0-	15,5		45	115	65	48	16	☺
	DC150-03-15.800A0-	15,8		45	115	65	48	16	☺
	DC150-03-15.875A0-	15,875	5/8"	45	115	65	48	16	☺
	DC150-03-16.000A0-	16		45	115	65	48	16	☺
	DC150-03-16.500A0-	16,5		51	123	73	48	18	☺
	DC150-03-16.750A0-	16,75		51	123	73	48	18	☺
	DC150-03-17.000A0-	17		51	123	73	48	18	☺
	DC150-03-17.500A0-	17,5		51	123	73	48	18	☺
	DC150-03-17.800A0-	17,8		51	123	73	48	18	☺
	DC150-03-18.000A0-	18		51	123	73	48	18	☺
	DC150-03-19.000A0-	19		55	131	79	50	20	☺
	DC150-03-20.000A0-	20		55	131	79	50	20	☺
 DIN 6535 HE, turned 180° DIN 6535 HB	DC150-03-03.000D0-	3		14	62	20	36	6	☺
	DC150-03-03.100D0-	3,1		14	62	20	36	6	☺
	DC150-03-03.200D0-	3,2		14	62	20	36	6	☺
	DC150-03-03.300D0-	3,3		14	62	20	36	6	☺
	DC150-03-03.400D0-	3,4		14	62	20	36	6	☺
	DC150-03-03.500D0-	3,5		14	62	20	36	6	☺
	DC150-03-03.600D0-	3,6		14	62	20	36	6	☺
	DC150-03-03.700D0-	3,7		14	62	20	36	6	☺
	DC150-03-03.800D0-	3,8		17	66	24	36	6	☺
	DC150-03-03.900D0-	3,9		17	66	24	36	6	☺
	DC150-03-04.000D0-	4		17	66	24	36	6	☺
	DC150-03-04.200D0-	4,2		17	66	24	36	6	☺
	DC150-03-04.300D0-	4,3		17	66	24	36	6	☺
	DC150-03-04.500D0-	4,5		17	66	24	36	6	☺
	DC150-03-04.650D0-	4,65		17	66	24	36	6	☺
	DC150-03-04.700D0-	4,7		17	66	24	36	6	☺
	DC150-03-04.800D0-	4,8		20	66	28	36	6	☺
	DC150-03-05.000D0-	5		20	66	28	36	6	☺
	DC150-03-05.100D0-	5,1		20	66	28	36	6	☺
	DC150-03-05.300D0-	5,3		20	66	28	36	6	☺
	DC150-03-05.500D0-	5,5		20	66	28	36	6	☺
	DC150-03-05.550D0-	5,55		20	66	28	36	6	☺
	DC150-03-05.600D0-	5,6		20	66	28	36	6	☺
	DC150-03-05.800D0-	5,8		20	66	28	36	6	☺
	DC150-03-06.000D0-	6		20	66	28	36	6	☺
	DC150-03-06.100D0-	6,1		24	79	34	36	8	☺
	DC150-03-06.200D0-	6,2		24	79	34	36	8	☺
	DC150-03-06.300D0-	6,3		24	79	34	36	8	☺
	DC150-03-06.500D0-	6,5		24	79	34	36	8	☺

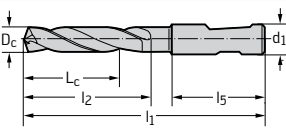
Ordering example for the grade WJ30RE: DC150-03-03.000A0-WJ30RE

WALTER
SELECT

● ● Primary application ● Other application
 Best tool for → Good = ☺ → Average = ☹ → Poor = ☹ machining conditions

Tool	Designation	D _c m7 mm	D _c inch/Nr	L _c mm	l ₁ mm	l ₂ mm	l ₅ mm	d ₁ h6 mm	WJ30RE
	DC150-03-06.600D0-	6,6		24	79	34	36	8	☹
	DC150-03-06.700D0-	6,7		24	79	34	36	8	☹
	DC150-03-06.800D0-	6,8		24	79	34	36	8	☹
	DC150-03-07.000D0-	7		24	79	34	36	8	☹
DIN 6535 HE, turned 180° DIN 6535 HB	DC150-03-07.100D0-	7,1		29	79	41	36	8	☹
	DC150-03-07.400D0-	7,4		29	79	41	36	8	☹
	DC150-03-07.500D0-	7,5		29	79	41	36	8	☹
	DC150-03-07.600D0-	7,6		29	79	41	36	8	☹
B1	DC150-03-07.800D0-	7,8		29	79	41	36	8	☹
	DC150-03-08.000D0-	8		29	79	41	36	8	☹
	DC150-03-08.200D0-	8,2		35	89	47	40	10	☹
	DC150-03-08.300D0-	8,3		35	89	47	40	10	☹
	DC150-03-08.500D0-	8,5		35	89	47	40	10	☹
	DC150-03-08.600D0-	8,6		35	89	47	40	10	☹
	DC150-03-08.700D0-	8,7		35	89	47	40	10	☹
	DC150-03-08.800D0-	8,8		35	89	47	40	10	☹
	DC150-03-09.000D0-	9		35	89	47	40	10	☹
	DC150-03-09.100D0-	9,1		35	89	47	40	10	☹
	DC150-03-09.500D0-	9,5		35	89	47	40	10	☹
	DC150-03-09.700D0-	9,5		35	89	47	40	10	☹
	DC150-03-09.800D0-	9,8		35	89	47	40	10	☹
	DC150-03-10.000D0-	10		35	89	47	40	10	☹
	DC150-03-10.100D0-	10,1		40	102	55	45	12	☹
	DC150-03-10.200D0-	10,2		40	102	55	45	12	☹
	DC150-03-10.300D0-	10,3		40	102	55	45	12	☹
	DC150-03-10.400D0-	10,4		40	102	55	45	12	☹
	DC150-03-10.500D0-	10,5		40	102	55	45	12	☹
	DC150-03-10.800D0-	10,8		40	102	55	45	12	☹
	DC150-03-10.900D0-	10,9		40	102	55	45	12	☹
	DC150-03-11.000D0-	11		40	102	55	45	12	☹
	DC150-03-11.100D0-	11,1		40	102	55	45	12	☹
	DC150-03-11.200D0-	11,2		40	102	55	45	12	☹
	DC150-03-11.300D0-	11,3		40	102	55	45	12	☹
	DC150-03-11.500D0-	11,5		40	102	55	45	12	☹
	DC150-03-11.600D0-	11,6		40	102	55	45	12	☹
	DC150-03-11.800D0-	11,8		40	102	55	45	12	☹
	DC150-03-12.000D0-	12		40	102	55	45	12	☹
	DC150-03-12.200D0-	12,2		43	107	60	45	14	☹
	DC150-03-12.500D0-	12,5		43	107	60	45	14	☹
	DC150-03-13.000D0-	13		43	107	60	45	14	☹
	DC150-03-13.200D0-	13,2		43	107	60	45	14	☹
	DC150-03-13.300D0-	13,3		43	107	60	45	14	☹
	DC150-03-13.400D0-	13,4		43	107	60	45	14	☹
	DC150-03-13.500D0-	13,5		43	107	60	45	14	☹
	DC150-03-13.600D0-	13,6		43	107	60	45	14	☹
	DC150-03-13.800D0-	13,8		43	107	60	45	14	☹

Ordering example for the grade WJ30RE: DC150-03-03.000A0-WJ30RE

Tool		D _c mm	D _c Inch/Nr	L _c mm	l ₁ mm	l ₂ mm	l ₅ mm	d ₁ h6 mm	WJ30RE
	Designation								
	DC150-03-14.000D0-	14		43	107	60	45	14	☺☺
	DC150-03-15.000D0-	15		45	115	65	48	16	☺☺
	DC150-03-15.100D0-	15,1		45	115	65	48	16	☺☺
	DC150-03-16.000D0-	16		45	115	65	48	16	☺☺
	DIN 6535 HE, turned 180° DIN 6535 HB								
	DC150-03-16.500D0-	16,5		51	123	73	48	18	☺☺
	DC150-03-17.000D0-	17		51	123	73	48	18	☺☺
	DC150-03-17.500D0-	17,5		51	123	73	48	18	☺☺
	DC150-03-18.000D0-	18		51	123	73	48	18	☺☺
	DC150-03-18.500D0-	18,5		55	131	79	50	20	☺☺
	DC150-03-19.000D0-	19		55	131	79	50	20	☺☺
	DC150-03-20.000D0-	20		55	131	79	50	20	☺☺

Ordering example for the grade WJ30RE: DC150-03-03.000A0-WJ30RE

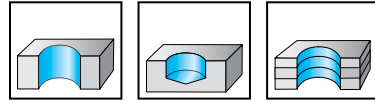
B1

Solid carbide twist drills

A1163



– Type N

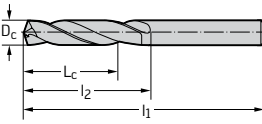


	P	M	K	N	S	H	O
uncoated			●	●●	●		●●

Tool	Designation	D _c h7 mm	L _c mm	l ₁ mm	l ₂ mm	d ₁ h6 mm
Cylindrical shank	A1163-1	1	4	26	6	1
	A1163-1.1	1.1	5	28	7	1.1
	A1163-1.2	1.2	6	30	8	1.2
	A1163-1.3	1.3	6	30	8	1.3
	A1163-1.4	1.4	6	32	9	1.4
	A1163-1.5	1.5	6	32	9	1.5
	A1163-1.6	1.6	7	34	10	1.6
	A1163-1.7	1.7	7	34	10	1.7
	A1163-1.8	1.8	8	36	11	1.8
	A1163-1.9	1.9	8	36	11	1.9
	A1163-2	2	8	38	12	2
	A1163-2.1	2.1	8	38	12	2.1
	A1163-2.2	2.2	9	40	13	2.2
	A1163-2.3	2.3	9	40	13	2.3
	A1163-2.4	2.4	10	43	14	2.4
	A1163-2.5	2.5	10	43	14	2.5
	A1163-2.6	2.6	10	43	14	2.6
	A1163-2.7	2.7	11	46	16	2.7
	A1163-2.8	2.8	11	46	16	2.8
	A1163-2.9	2.9	11	46	16	2.9
	A1163-3	3	11	46	16	3
	A1163-3.1	3.1	12	49	18	3.1
	A1163-3.2	3.2	12	49	18	3.2
	A1163-3.3	3.3	12	49	18	3.3
	A1163-3.4	3.4	14	52	20	3.4
	A1163-3.5	3.5	14	52	20	3.5
	A1163-3.6	3.6	14	52	20	3.6
	A1163-3.7	3.7	14	52	20	3.7
	A1163-3.8	3.8	15	55	22	3.8
	A1163-3.9	3.9	15	55	22	3.9
	A1163-4	4	15	55	22	4
	A1163-4.1	4.1	15	55	22	4.1
	A1163-4.2	4.2	15	55	22	4.2
	A1163-4.3	4.3	16	58	24	4.3
	A1163-4.4	4.4	16	58	24	4.4
	A1163-4.5	4.5	16	58	24	4.5

**WALTER
SELECT**

●● Primary application ● Other application
Best tool for → Good = 😊 → Average = 😐 → Poor = ☹️ machining conditions

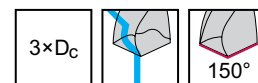
Tool	Designation	D _c h7 mm	L _c mm	l ₁ mm	l ₂ mm	d ₁ h6 mm
 Cylindrical shank	A1163-4.6	4,6	16	58	24	4,6
	A1163-4.7	4,7	16	58	24	4,7
	A1163-4.8	4,8	18	62	26	4,8
	A1163-4.9	4,9	18	62	26	4,9
	A1163-5	5	18	62	26	5
	A1163-5.1	5,1	18	62	26	5,1
	A1163-5.2	5,2	18	62	26	5,2
	A1163-5.3	5,3	18	62	26	5,3
	A1163-5.4	5,4	19	66	28	5,4
	A1163-5.5	5,5	19	66	28	5,5
	A1163-5.6	5,6	19	66	28	5,6
	A1163-5.7	5,7	19	66	28	5,7
	A1163-5.8	5,8	19	66	28	5,8
	A1163-5.9	5,9	19	66	28	5,9
	A1163-6	6	19	66	28	6
	A1163-6.1	6,1	20	70	31	6,1
	A1163-6.2	6,2	20	70	31	6,2
	A1163-6.3	6,3	20	70	31	6,3
	A1163-6.4	6,4	20	70	31	6,4
	A1163-6.5	6,5	20	70	31	6,5
	A1163-6.6	6,6	20	70	31	6,6
	A1163-6.7	6,7	20	70	31	6,7
	A1163-6.8	6,8	22	74	34	6,8
	A1163-6.9	6,9	22	74	34	6,9
	A1163-7	7	22	74	34	7
	A1163-7.1	7,1	22	74	34	7,1
	A1163-7.2	7,2	22	74	34	7,2
	A1163-7.3	7,3	22	74	34	7,3
	A1163-7.4	7,4	22	74	34	7,4
	A1163-7.5	7,5	22	74	34	7,5
	A1163-7.6	7,6	25	79	37	7,6
	A1163-7.7	7,7	25	79	37	7,7
	A1163-7.8	7,8	25	79	37	7,8
	A1163-7.9	7,9	25	79	37	7,9
	A1163-8	8	25	79	37	8
	A1163-8.1	8,1	24	79	37	8,1
	A1163-8.2	8,2	24	79	37	8,2
	A1163-8.3	8,3	24	79	37	8,3
	A1163-8.4	8,4	24	79	37	8,4
	A1163-8.5	8,5	24	79	37	8,5
	A1163-8.6	8,6	25	84	40	8,6
	A1163-8.7	8,7	25	84	40	8,7
	A1163-8.8	8,8	25	84	40	8,8
	A1163-9	9	25	84	40	9
	A1163-9.3	9,3	25	84	40	9,3
	A1163-9.5	9,5	25	84	40	9,5
	A1163-9.7	9,7	28	89	43	9,7
	A1163-9.8	9,8	28	89	43	9,8
	A1163-10	10	28	89	43	10
	A1163-10.2	10,2	27	89	43	10,2
	A1163-10.5	10,5	27	89	43	10,5
	A1163-11	11	29	95	47	11
	A1163-11.5	11,5	29	95	47	11,5
	A1163-12	12	33	102	51	12

**WALTER
SELECT**

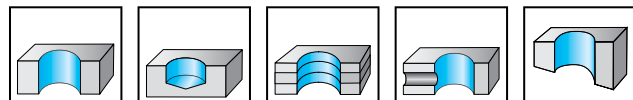
●● Primary application ● Other application
 Best tool for → Good = 😊 → Average = 😐 → Poor = ☹️ machining conditions

Solid carbide twist drill 3 flutes

A1166TIN / A1166



– Overall length DIN 6539, grooves extended compared to DIN 6539

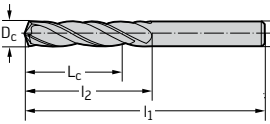


	P	M	K	N	S	H	O
TIN	●	●	●	●	●	●	●
uncoated	●	●	●	●	●	●	●

Tool	Designation	D _c h7 mm	D _c Inch/Nr	L _c mm	l ₁ mm	l ₂ mm	d ₁ h6 mm
 Cylindrical shank	A1166TIN-3	3		17	46	22	3
	A1166TIN-3.3	3,3		18	49	24	3,3
	A1166TIN-4	4		23	55	30	4
	A1166TIN-4.2	4,2		23	55	30	4,2
	A1166TIN-4.5	4,5		24	58	32	4,5
	A1166TIN-5	5		27	62	35	5
	A1166TIN-5.5	5,5		30	66	39	5,5
	A1166TIN-6	6		30	66	39	6
	A1166TIN-6.8	6,8		33	74	45	6,8
	A1166TIN-7	7		33	74	45	7
	A1166TIN-7.8	7,8		35	79	48	7,8
	A1166TIN-8	8		35	79	48	8
	A1166TIN-10	10		39	89	55	10
	A1166TIN-10.5	10,5		39	89	55	10,5
	A1166TIN-14	14		52	107	66	14
	A1166-3	3		17	46	22	3
	A1166-3.1	3,1		18	49	24	3,1
	A1166-1/8IN	3,175	1/8"	18	49	24	3,175
	A1166-3.2	3,2		18	49	24	3,2
	A1166-3.3	3,3		18	49	24	3,3
	A1166-3.4	3,4		21	52	27	3,4
	A1166-3.5	3,5		21	52	27	3,5
	A1166-9/64IN	3,572	9/64"	21	52	27	3,572
	A1166-3.6	3,6		21	52	27	3,6
	A1166-3.7	3,7		21	52	27	3,7
	A1166-3.8	3,8		23	55	30	3,8
	A1166-3.9	3,9		23	55	30	3,9
	A1166-4	4		23	55	30	4
	A1166-4.1	4,1		23	55	30	4,1
	A1166-4.2	4,2		23	55	30	4,2
	A1166-4.3	4,3		24	58	32	4,3
	A1166-4.4	4,4		24	58	32	4,4
	A1166-4.5	4,5		24	58	32	4,5
	A1166-4.6	4,6		24	58	32	4,6
	A1166-4.7	4,7		24	58	32	4,7
	A1166-3/16IN	4,763	3/16"	27	62	35	4,763

WALTER
SELECT

●● Primary application ● Other application
Best tool for → Good = 😊 → Average = 😐 → Poor = ☹️ machining conditions

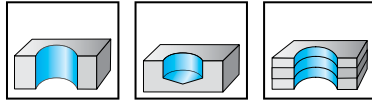
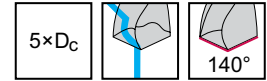
Tool	Designation	D _c h7 mm	D _c Inch/Nr	L _c mm	l ₁ mm	l ₂ mm	d ₁ h6 mm
	A1166-4.8	4,8		27	62	35	4,8
	A1166-4.9	4,9		27	62	35	4,9
	A1166-5	5		27	62	35	5
	A1166-5.1	5,1		27	62	35	5,1
Cylindrical shank	A1166-13/64IN	5,159	13/64"	27	62	35	5,159
	A1166-5.2	5,2		27	62	35	5,2
	A1166-5.3	5,3		27	62	35	5,3
	A1166-5.4	5,4		30	66	39	5,4
	A1166-5.5	5,5		30	66	39	5,5
	A1166-5.6	5,6		30	66	39	5,6
	A1166-5.7	5,7		30	66	39	5,7
	A1166-5.8	5,8		30	66	39	5,8
	A1166-6	6		30	66	39	6
	A1166-6.1	6,1		31	70	42	6,1
	A1166-6.2	6,2		31	70	42	6,2
	A1166-6.3	6,3		31	70	42	6,3
	A1166-1/4IN	6,350	1/4"	31	70	42	6,35
	A1166-6.4	6,4		31	70	42	6,4
	A1166-6.5	6,5		31	70	42	6,5
	A1166-6.6	6,6		31	70	42	6,6
	A1166-6.7	6,7		31	70	42	6,7
	A1166-6.8	6,8		33	74	45	6,8
	A1166-6.9	6,9		33	74	45	6,9
	A1166-7	7		33	74	45	7
	A1166-7.1	7,1		33	74	45	7,1
	A1166-7.2	7,2		33	74	45	7,2
	A1166-7.3	7,3		33	74	45	7,3
	A1166-7.4	7,4		33	74	45	7,4
	A1166-7.5	7,5		33	74	45	7,5
	A1166-7.8	7,8		35	79	48	7,8
	A1166-8	8		35	79	48	8
	A1166-8.1	8,1		35	79	48	8,1
	A1166-8.2	8,2		35	79	48	8,2
	A1166-8.3	8,3		35	79	48	8,3
	A1166-8.5	8,5		35	79	48	8,5
	A1166-8.6	8,6		37	84	52	8,6
	A1166-8.8	8,8		37	84	52	8,8
	A1166-9	9		37	84	52	9
	A1166-9.5	9,5		37	84	52	9,5
	A1166-9.6	9,6		39	89	55	9,6
	A1166-9.8	9,8		39	89	55	9,8
	A1166-10	10		39	89	55	10
	A1166-10.2	10,2		39	89	55	10,2
	A1166-10.3	10,3		39	89	55	10,3
	A1166-11	11		42	95	60	11
	A1166-11.8	11,8		42	95	60	11,8
	A1166-12	12		51	102	65	12
	A1166-12.5	12,5		51	102	65	12,5
	A1166-12.9	12,9		51	102	65	12,9
	A1166-13	13		51	102	65	13
	A1166-14	14		52	107	66	14
	A1166-15	15		55	111	70	15
	A1166-18	18		58	123	76	18

**WALTER
SELECT**

●● Primary application ● Other application
 Best tool for → Good = 😊 → Average = 😐 → Poor = ☹️ machining conditions

Solid carbide micro twist drills

DB133 Supreme



	P	M	K	N	S	H	O
WJ30EL	●●	●	●●	●●	●	●	●

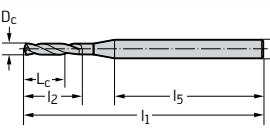
Tool	Designation	D _c mm	D _c Inch/Nr	L _c mm	l ₁ mm	l ₂ mm	l ₅ mm	d ₁ h6 mm	WJ30EL
 DIN 6535 HA	DB133-05-00.500A0-	0,5		3,2	47	4	36	3	☹
	DB133-05-00.550A0-	0,55		4,1	47	5	35	3	☹
	DB133-05-00.600A0-	0,6		4,1	47	5	35	3	☹
	DB133-05-00.650A0-	0,65		5	47	6	34	3	☹
	DB133-05-00.700A0-	0,7		4,9	48	6	35	3	☹
	DB133-05-00.750A0-	0,75		5,8	48	7	34	3	☹
	DB133-05-00.794A0-	0,794	1/32"	5,8	48	7	34	3	☹
	DB133-05-00.800A0-	0,8		5,8	48	7	34	3	☹
	DB133-05-00.850A0-	0,85		6,6	50	8	35	3	☹
	DB133-05-00.880A0-	0,88		6,6	50	8	35	3	☹
	DB133-05-00.900A0-	0,9		6,6	50	8	35	3	☹
	DB133-05-00.950A0-	0,95		7,5	50	9	34	3	☹
	DB133-05-01.000A0-	1		7,5	50	9	34	3	☹
	DB133-05-01.050A0-	1,05		7	51	9	36	3	☹
	DB133-05-01.080A0-	1,08		7	51	9	36	3	☹
	DB133-05-01.100A0-	1,1		7	51	9	36	3	☹
	DB133-05-01.150A0-	1,15		8	51	10	35	3	☹
	DB133-05-01.191A0-	1,191	3/64"	8	51	10	35	3	☹
	DB133-05-01.200A0-	1,2		8	51	10	35	3	☹
	DB133-05-01.250A0-	1,25		9	51	11	34	3	☹
	DB133-05-01.300A0-	1,3		9	53	11	36	3	☹
	DB133-05-01.350A0-	1,35		9	53	12	35	3	☹
	DB133-05-01.400A0-	1,4		9	53	12	35	3	☹
	DB133-05-01.450A0-	1,45		10	53	13	34	3	☹
	DB133-05-01.500A0-	1,5		10	53	13	34	3	☹
	DB133-05-01.550A0-	1,55		11	54	14	35	3	☹
	DB133-05-01.588A0-	1,588	1/16"	11	54	14	35	3	☹
	DB133-05-01.600A0-	1,6		11	54	14	35	3	☹
	DB133-05-01.650A0-	1,65		11	54	14	35	3	☹
	DB133-05-01.700A0-	1,7		11	54	14	35	3	☹
	DB133-05-01.750A0-	1,75		12	54	15	34	3	☹
	DB133-05-01.800A0-	1,8		12	54	15	34	3	☹
	DB133-05-01.820A0-	1,82		13	57	16	36	3	☹
	DB133-05-01.850A0-	1,85		13	57	16	36	3	☹
	DB133-05-01.900A0-	1,9		13	57	16	36	3	☹
	DB133-05-01.950A0-	1,95		14	57	17	35	3	☹

Ordering example for the grade WJ30EL: DB133-05-00.500A0-WJ30EL

WALTER
SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = ☹ → Poor = ☹ machining conditions

Tool	Designation	D _c m7 mm	D _c Inch/Nr	L _c mm	l ₁ mm	l ₂ mm	l ₅ mm	d ₁ h6 mm	WJ30EL
 DIN 6535 HA	DB133-05-01.984A0-	1,984	5/64"	14	57	17	35	3	☺
	DB133-05-02.000A0-	2		14	57	17	35	3	☺
	DB133-05-02.050A0-	2,05		14	57	18	35	3	☺
	DB133-05-02.100A0-	2,1		14	57	18	35	3	☺
	DB133-05-02.150A0-	2,15		15	57	19	34	3	☺
	DB133-05-02.200A0-	2,2		15	57	19	34	3	☺
	DB133-05-02.250A0-	2,25		16	59	20	35	3	☺
	DB133-05-02.300A0-	2,3		16	59	20	35	3	☺
	DB133-05-02.350A0-	2,35		16	59	20	35	3	☺
	DB133-05-02.381A0-	2,381	3/32"	16	59	20	35	3	☺
	DB133-05-02.400A0-	2,4		16	59	20	35	3	☺
	DB133-05-02.450A0-	2,45		17	59	21	34	3	☺
	DB133-05-02.500A0-	2,5		17	59	21	34	3	☺
	DB133-05-02.550A0-	2,55		18	62	22	36	3	☺
	DB133-05-02.600A0-	2,6		18	62	22	36	3	☺
	DB133-05-02.650A0-	2,65		18	62	23	36	3	☺
	DB133-05-02.700A0-	2,7		18	62	23	36	3	☺
	DB133-05-02.750A0-	2,75		19	62	24	35	3	☺
	DB133-05-02.778A0-	2,778	7/64"	19	62	24	35	3	☺
	DB133-05-02.800A0-	2,8		19	62	24	35	3	☺
	DB133-05-02.850A0-	2,85		20	62	25	34	3	☺
	DB133-05-02.900A0-	2,9		20	62	25	34	3	☺
	DB133-05-02.950A0-	2,95		20	62	25	34	3	☺

Ordering example for the grade WJ30EL: DB133-05-00.500A0-WJ30EL

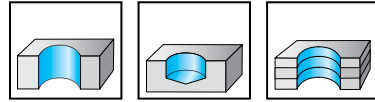
B1

**WALTER
SELECT**

● ● Primary application ● Other application
 Best tool for → Good = ☺ → Average = ☹ → Poor = ☹ machining conditions

Solid carbide micro twist drills

DB130 Advance



	P	M	K	N	S	H	O
WJ30UU	●●	●●	●●	●●	●●	●●	●●

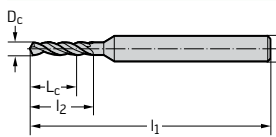
Tool	Designation	D _c 0-0,004 mm	L _c mm	l ₁ mm	l ₂ mm	d ₁ h8 mm	WJ30UU
Cylindrical shank	DB130-05-00.100UU-	0,1	0,3	25	0,5	1	●●
	DB130-05-00.110UU-	0,11	0,3	25	0,5	1	●●
	DB130-05-00.120UU-	0,12	0,3	25	0,5	1	●●
	DB130-05-00.130UU-	0,13	0,5	25	0,8	1	●●
	DB130-05-00.140UU-	0,14	0,5	25	0,8	1	●●
	DB130-05-00.150UU-	0,15	0,5	25	0,8	1	●●
	DB130-05-00.160UU-	0,16	0,8	25	1,1	1	●●
	DB130-05-00.170UU-	0,17	0,8	25	1,1	1	●●
	DB130-05-00.180UU-	0,18	0,8	25	1,1	1	●●
	DB130-05-00.190UU-	0,19	0,8	25	1,1	1	●●
	DB130-05-00.200UU-	0,2	1,1	25	1,5	1	●●
	DB130-05-00.210UU-	0,21	1,1	25	1,5	1	●●
	DB130-05-00.220UU-	0,22	1,1	25	1,5	1	●●
	DB130-05-00.230UU-	0,23	1,1	25	1,5	1	●●
	DB130-05-00.240UU-	0,24	1,1	25	1,5	1	●●
	DB130-05-00.250UU-	0,25	1,4	25	1,9	1	●●
	DB130-05-00.260UU-	0,26	1,4	25	1,9	1	●●
	DB130-05-00.270UU-	0,27	1,4	25	1,9	1	●●
	DB130-05-00.280UU-	0,28	1,4	25	1,9	1	●●
	DB130-05-00.290UU-	0,29	1,4	25	1,9	1	●●
	DB130-05-00.300UU-	0,3	1,4	25	1,9	1	●●
	DB130-05-00.310UU-	0,31	1,8	25	2,4	1	●●
	DB130-05-00.320UU-	0,32	1,8	25	2,4	1	●●
	DB130-05-00.330UU-	0,33	1,8	25	2,4	1	●●
	DB130-05-00.340UU-	0,34	1,8	25	2,4	1	●●
	DB130-05-00.350UU-	0,35	1,8	25	2,4	1	●●
	DB130-05-00.360UU-	0,36	1,8	25	2,4	1	●●
	DB130-05-00.370UU-	0,37	1,8	25	2,4	1	●●
	DB130-05-00.380UU-	0,38	1,8	25	2,4	1	●●
	DB130-05-00.390UU-	0,39	2,2	25	3	1	●●
	DB130-05-00.400UU-	0,4	2,2	25	3	1	●●
	DB130-05-00.410UU-	0,41	2,2	25	3	1	●●
	DB130-05-00.420UU-	0,42	2,2	25	3	1	●●
	DB130-05-00.430UU-	0,43	2,2	25	3	1	●●
	DB130-05-00.440UU-	0,44	2,2	25	3	1	●●
	DB130-05-00.450UU-	0,45	2,2	25	3	1	●●

Ordering example for the grade WJ30UU: DB130-05-00.100UU-WJ30UU

WALTER
SELECT

●● Primary application ● Other application

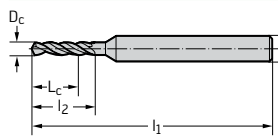
Best tool for → Good = 😊 → Average = 😐 → Poor = 😞 machining conditions

Tool		D_c 0-0,004 mm	L_c mm	l_1 mm	l_2 mm	d_1 h8 mm	WJ30UU
	Designation						
	Cylindrical shank						
	DB130-05-00.460U0-	0,46	2,2	25	3	1	☹
	DB130-05-00.470U0-	0,47	2,2	25	3	1	☹
	DB130-05-00.480U0-	0,48	2,2	25	3	1	☹
	DB130-05-00.490U0-	0,49	2,6	25	3,4	1	☹
	DB130-05-00.500U0-	0,5	2,6	25	3,4	1	☹
	DB130-05-00.510U0-	0,51	2,6	25	3,4	1	☹
	DB130-05-00.520U0-	0,52	2,6	25	3,4	1	☹
	DB130-05-00.530U0-	0,53	2,6	25	3,4	1	☹
	DB130-05-00.540U0-	0,54	3	25	3,9	1	☹
	DB130-05-00.550U0-	0,55	3	25	3,9	1	☹
	DB130-05-00.560U0-	0,56	3	25	3,9	1	☹
	DB130-05-00.570U0-	0,57	3	25	3,9	1	☹
	DB130-05-00.580U0-	0,58	3	25	3,9	1	☹
	DB130-05-00.590U0-	0,59	3	25	3,9	1	☹
	DB130-05-00.600U0-	0,6	3	25	3,9	1	☹
	DB130-05-00.610U0-	0,61	3,1	25	4,2	1	☹
	DB130-05-00.620U0-	0,62	3,1	25	4,2	1	☹
	DB130-05-00.630U0-	0,63	3,1	25	4,2	1	☹
	DB130-05-00.640U0-	0,64	3,1	25	4,2	1	☹
	DB130-05-00.650U0-	0,65	3,1	25	4,2	1	☹
	DB130-05-00.660U0-	0,66	3,1	25	4,2	1	☹
	DB130-05-00.670U0-	0,67	3,1	25	4,2	1	☹
	DB130-05-00.680U0-	0,68	3,6	25	4,8	1	☹
	DB130-05-00.690U0-	0,69	3,6	25	4,8	1	☹
	DB130-05-00.700U0-	0,7	3,6	25	4,8	1	☹
	DB130-05-00.710U0-	0,71	3,6	25	4,8	1	☹
	DB130-05-00.720U0-	0,72	3,6	25	4,8	1	☹
	DB130-05-00.730U0-	0,73	3,6	25	4,8	1	☹
	DB130-05-00.740U0-	0,74	3,6	25	4,8	1	☹
	DB130-05-00.750U0-	0,75	3,6	25	4,8	1	☹
	DB130-05-00.760U0-	0,76	4,1	25	5,3	1	☹
	DB130-05-00.770U0-	0,77	4,1	25	5,3	1	☹
	DB130-05-00.780U0-	0,78	4,1	25	5,3	1	☹
	DB130-05-00.790U0-	0,79	4,1	25	5,3	1	☹
	DB130-05-00.800U0-	0,8	4	25	5,3	1,5	☹
	DB130-05-00.810U0-	0,81	4	25	5,3	1,5	☹
	DB130-05-00.820U0-	0,82	4	25	5,3	1,5	☹
	DB130-05-00.830U0-	0,83	4	25	5,3	1,5	☹
	DB130-05-00.840U0-	0,84	4	25	5,3	1,5	☹
	DB130-05-00.850U0-	0,85	4	25	5,3	1,5	☹
	DB130-05-00.860U0-	0,86	4,5	25	6	1,5	☹
	DB130-05-00.870U0-	0,87	4,5	25	6	1,5	☹
	DB130-05-00.880U0-	0,88	4,5	25	6	1,5	☹
	DB130-05-00.890U0-	0,89	4,5	25	6	1,5	☹
	DB130-05-00.900U0-	0,9	4,5	25	6	1,5	☹
	DB130-05-00.910U0-	0,91	4,5	25	6	1,5	☹

Ordering example for the grade WJ30UU: DB130-05-00.100U0-WJ30UU

**WALTER
SELECT**

●● Primary application ● Other application
 Best tool for → Good = ☺ → Average = ☹ → Poor = ☹ machining conditions

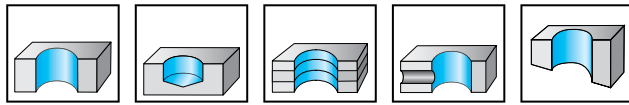
Tool		D_c 0-0,004 mm	L_c mm	l_1 mm	l_2 mm	d_1 h8 mm	WJ30UU
 Cylindrical shank	Designation						
	DB130-05-00.920U0-	0,92	4,5	25	6	1,5	☺
	DB130-05-00.930U0-	0,93	4,5	25	6	1,5	☺
	DB130-05-00.940U0-	0,94	4,5	25	6	1,5	☺
	DB130-05-00.950U0-	0,95	4,5	25	6	1,5	☺
	DB130-05-00.960U0-	0,96	5	25	6,8	1,5	☺
	DB130-05-00.970U0-	0,97	5	25	6,8	1,5	☺
	DB130-05-00.980U0-	0,98	5	25	6,8	1,5	☺
	DB130-05-00.990U0-	0,99	5	25	6,8	1,5	☺
	DB130-05-01.000U0-	1	5	25	6,8	1,5	☺
	DB130-05-01.050U0-	1,05	5	25	6,8	1,5	☺
	DB130-05-01.100U0-	1,1	5	25	7,6	1,5	☺
	DB130-05-01.150U0-	1,15	5	25	7,6	1,5	☺
	DB130-05-01.200U0-	1,2	6	25	8,5	1,5	☺
	DB130-05-01.250U0-	1,25	6	25	8,5	1,5	☺
	DB130-05-01.300U0-	1,3	6	25	8,5	1,5	☺
	DB130-05-01.350U0-	1,35	7	25	9,5	1,5	☺
	DB130-05-01.400U0-	1,4	7	25	9,5	1,5	☺
	DB130-05-01.450U0-	1,45	7	25	9,5	1,5	☺

Ordering example for the grade WJ30UU: DB130-05-00.100U0-WJ30UU

Solid carbide twist drills

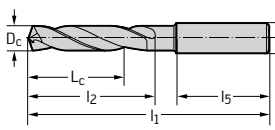
DC160 Advance

X-treme Evo



	P	M	K	N	S	H	O
WJ30ET	●●	●●	●●	●●	●●	●●	●●

B1

Tool	Designation	D _c mm	D _c Inch/Nr	L _c mm	l ₁ mm	l ₂ mm	l ₅ mm	d ₁ h6 mm	WJ30ET
 DIN 6535 HA	DC160-05-03.000A0-	3		23	66	28	36	6	●●
	DC160-05-03.100A0-	3,1		23	66	28	36	6	●●
	DC160-05-03.175A0-	3,175	1/8"	23	66	28	36	6	●●
	DC160-05-03.200A0-	3,2		23	66	28	36	6	●●
	DC160-05-03.250A0-	3,25		23	66	28	36	6	●●
	DC160-05-03.300A0-	3,3		23	66	28	36	6	●●
	DC160-05-03.400A0-	3,4		23	66	28	36	6	●●
	DC160-05-03.500A0-	3,5		23	66	28	36	6	●●
	DC160-05-03.572A0-	3,572	9/64"	23	66	28	36	6	●●
	DC160-05-03.600A0-	3,6		23	66	28	36	6	●●
	DC160-05-03.650A0-	3,65		23	66	28	36	6	●●
	DC160-05-03.700A0-	3,7		23	66	28	36	6	●●
	DC160-05-03.800A0-	3,8		29	74	36	36	6	●●
	DC160-05-03.900A0-	3,9		29	74	36	36	6	●●
	DC160-05-03.969A0-	3,969	5/32"	29	74	36	36	6	●●
	DC160-05-04.000A0-	4		29	74	36	36	6	●●
	DC160-05-04.100A0-	4,1		29	74	36	36	6	●●
	DC160-05-04.200A0-	4,2		29	74	36	36	6	●●
	DC160-05-04.300A0-	4,3		29	74	36	36	6	●●
	DC160-05-04.366A0-	4,366	11/64"	29	74	36	36	6	●●
	DC160-05-04.400A0-	4,4		29	74	36	36	6	●●
	DC160-05-04.500A0-	4,5		29	74	36	36	6	●●
	DC160-05-04.600A0-	4,6		29	74	36	36	6	●●
	DC160-05-04.650A0-	4,65		29	74	36	36	6	●●
	DC160-05-04.700A0-	4,7		29	74	36	36	6	●●
	DC160-05-04.763A0-	4,763	3/16"	35	82	44	36	6	●●
	DC160-05-04.800A0-	4,8		35	82	44	36	6	●●
	DC160-05-04.900A0-	4,9		35	82	44	36	6	●●
	DC160-05-05.000A0-	5		35	82	44	36	6	●●
	DC160-05-05.100A0-	5,1		35	82	44	36	6	●●
	DC160-05-05.159A0-	5,159	13/64"	35	82	44	36	6	●●
	DC160-05-05.200A0-	5,2		35	82	44	36	6	●●
	DC160-05-05.300A0-	5,3		35	82	44	36	6	●●
	DC160-05-05.400A0-	5,4		35	82	44	36	6	●●
	DC160-05-05.500A0-	5,5		35	82	44	36	6	●●
	DC160-05-05.550A0-	5,55		35	82	44	36	6	●●

Ordering example for the grade WJ30ET: DC160-05-03.000A0-WJ30ET

WALTER
SELECT

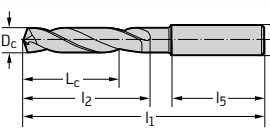
●● Primary application ● Other application
 Best tool for → Good = 😊 → Average = 😐 → Poor = ☹️ machining conditions

Tool	Designation	D _c m7 mm	D _c Inch/Nr	L _c mm	l ₁ mm	l ₂ mm	l ₅ mm	d ₁ h6 mm	WJ30ET
	DC160-05-05.556A0-	5,556	7/32"	35	82	44	36	6	☹
	DC160-05-05.600A0-	5,6		35	82	44	36	6	☹
	DC160-05-05.700A0-	5,7		35	82	44	36	6	☹
	DC160-05-05.800A0-	5,8		35	82	44	36	6	☹
	DC160-05-05.900A0-	5,9		35	82	44	36	6	☹
	DC160-05-05.953A0-	5,953	15/64"	35	82	44	36	6	☹
	DC160-05-06.000A0-	6		35	82	44	36	6	☹
	DC160-05-06.100A0-	6,1		43	91	53	36	8	☹
	DC160-05-06.200A0-	6,2		43	91	53	36	8	☹
	DC160-05-06.300A0-	6,3		43	91	53	36	8	☹
	DC160-05-06.350A0-	6,350	1/4"	43	91	53	36	8	☹
	DC160-05-06.400A0-	6,4		43	91	53	36	8	☹
	DC160-05-06.500A0-	6,5		43	91	53	36	8	☹
	DC160-05-06.600A0-	6,6		43	91	53	36	8	☹
	DC160-05-06.700A0-	6,7		43	91	53	36	8	☹
	DC160-05-06.747A0-	6,747	17/64"	43	91	53	36	8	☹
	DC160-05-06.800A0-	6,8		43	91	53	36	8	☹
	DC160-05-06.900A0-	6,9		43	91	53	36	8	☹
	DC160-05-07.000A0-	7		43	91	53	36	8	☹
	DC160-05-07.100A0-	7,1		43	91	53	36	8	☹
	DC160-05-07.144A0-	7,144	9/32"	43	91	53	36	8	☹
	DC160-05-07.200A0-	7,2		43	91	53	36	8	☹
	DC160-05-07.300A0-	7,3		43	91	53	36	8	☹
	DC160-05-07.400A0-	7,4		43	91	53	36	8	☹
	DC160-05-07.500A0-	7,5		43	91	53	36	8	☹
	DC160-05-07.541A0-	7,541	19/64"	43	91	53	36	8	☹
	DC160-05-07.550A0-	7,55		43	91	53	36	8	☹
	DC160-05-07.600A0-	7,6		43	91	53	36	8	☹
	DC160-05-07.700A0-	7,7		43	91	53	36	8	☹
	DC160-05-07.800A0-	7,8		43	91	53	36	8	☹
	DC160-05-07.900A0-	7,9		43	91	53	36	8	☹
	DC160-05-07.938A0-	7,938	5/16"	43	91	53	36	8	☹
	DC160-05-08.000A0-	8		43	91	53	36	8	☹
	DC160-05-08.100A0-	8,1		49	103	61	40	10	☹
	DC160-05-08.200A0-	8,2		49	103	61	40	10	☹
	DC160-05-08.300A0-	8,3		49	103	61	40	10	☹
	DC160-05-08.334A0-	8,334	21/64"	49	103	61	40	10	☹
	DC160-05-08.400A0-	8,4		49	103	61	40	10	☹
	DC160-05-08.500A0-	8,5		49	103	61	40	10	☹
	DC160-05-08.600A0-	8,6		49	103	61	40	10	☹
	DC160-05-08.700A0-	8,7		49	103	61	40	10	☹
	DC160-05-08.731A0-	8,731	11/32"	49	103	61	40	10	☹
	DC160-05-08.800A0-	8,8		49	103	61	40	10	☹
	DC160-05-08.900A0-	8,9		49	103	61	40	10	☹
	DC160-05-09.000A0-	9		49	103	61	40	10	☹
	DC160-05-09.100A0-	9,1		49	103	61	40	10	☹

Ordering example for the grade WJ30ET: DC160-05-03.000A0-WJ30ET

WALTER
SELECT

● ● Primary application ● Other application
Best tool for → Good = ☺ → Average = ☹ → Poor = ☹ machining conditions

Tool	Designation	D _c m7 mm	D _c Inch/Nr	L _c mm	l ₁ mm	l ₂ mm	l ₅ mm	d ₁ h6 mm	WJ30ET
	DC160-05-09.128A0-	9,128	23/64"	49	103	61	40	10	☺
	DC160-05-09.300A0-	9,3		49	103	61	40	10	☺
DIN 6535 HA	DC160-05-09.400A0-	9,4		49	103	61	40	10	☺
	DC160-05-09.500A0-	9,5		49	103	61	40	10	☺
	DC160-05-09.525A0-	9,525	3/8"	49	103	61	40	10	☺
	DC160-05-09.550A0-	9,55		49	103	61	40	10	☺
	DC160-05-09.600A0-	9,6		49	103	61	40	10	☺
	DC160-05-09.700A0-	9,7		49	103	61	40	10	☺
	DC160-05-09.800A0-	9,8		49	103	61	40	10	☺
	DC160-05-09.900A0-	9,9		49	103	61	40	10	☺
	DC160-05-09.922A0-	9,922	25/64"	49	103	61	40	10	☺
	DC160-05-10.000A0-	10		49	103	61	40	10	☺
	DC160-05-10.100A0-	10,1		56	118	71	45	12	☺
	DC160-05-10.200A0-	10,2		56	118	71	45	12	☺
	DC160-05-10.300A0-	10,3		56	118	71	45	12	☺
	DC160-05-10.319A0-	10,319	13/32"	56	118	71	45	12	☺
	DC160-05-10.400A0-	10,4		56	118	71	45	12	☺
	DC160-05-10.500A0-	10,5		56	118	71	45	12	☺
	DC160-05-10.600A0-	10,6		56	118	71	45	12	☺
	DC160-05-10.700A0-	10,7		56	118	71	45	12	☺
	DC160-05-10.716A0-	10,716	27/64"	56	118	71	45	12	☺
	DC160-05-10.800A0-	10,8		56	118	71	45	12	☺
	DC160-05-10.900A0-	10,9		56	118	71	45	12	☺
	DC160-05-11.000A0-	11		56	118	71	45	12	☺
	DC160-05-11.100A0-	11,1		56	118	71	45	12	☺
	DC160-05-11.113A0-	11,113	7/16"	56	118	71	45	12	☺
	DC160-05-11.200A0-	11,2		56	118	71	45	12	☺
	DC160-05-11.400A0-	11,4		56	118	71	45	12	☺
	DC160-05-11.500A0-	11,5		56	118	71	45	12	☺
	DC160-05-11.509A0-	11,509	29/64"	56	118	71	45	12	☺
	DC160-05-11.550A0-	11,55		56	118	71	45	12	☺
	DC160-05-11.600A0-	11,6		56	118	71	45	12	☺
	DC160-05-11.700A0-	11,7		56	118	71	45	12	☺
	DC160-05-11.800A0-	11,8		56	118	71	45	12	☺
	DC160-05-11.906A0-	11,906	15/32"	56	118	71	45	12	☺
	DC160-05-12.000A0-	12		56	118	71	45	12	☺
	DC160-05-12.100A0-	12,1		60	124	77	45	14	☺
	DC160-05-12.200A0-	12,2		60	124	77	45	14	☺
	DC160-05-12.250A0-	12,25		60	124	77	45	14	☺
	DC160-05-12.300A0-	12,3		60	124	77	45	14	☺
	DC160-05-12.400A0-	12,4		60	124	77	45	14	☺
	DC160-05-12.500A0-	12,5		60	124	77	45	14	☺
	DC160-05-12.600A0-	12,6		60	124	77	45	14	☺
	DC160-05-12.700A0-	12,700	1/2"	60	124	77	45	14	☺
	DC160-05-12.750A0-	12,75		60	124	77	45	14	☺
	DC160-05-12.800A0-	12,8		60	124	77	45	14	☺

Ordering example for the grade WJ30ET: DC160-05-03.000A0-WJ30ET

**WALTER
SELECT**

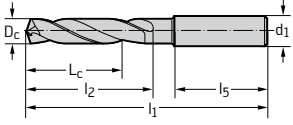
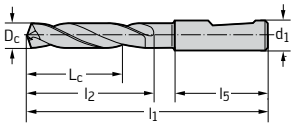
● ● Primary application ● Other application
 Best tool for → Good = ☺ → Average = ☹ → Poor = ☹ machining conditions

Tool	Designation	D _c m7 mm	D _c Inch/Nr	L _c mm	l ₁ mm	l ₂ mm	l ₅ mm	d ₁ h6 mm	WJ30ET
DIN 6535 HA	DC160-05-12.900A0-	12,9		60	124	77	45	14	☺
	DC160-05-13.000A0-	13		60	124	77	45	14	☺
	DC160-05-13.100A0-	13,1		60	124	77	45	14	☺
	DC160-05-13.200A0-	13,2		60	124	77	45	14	☺
	DC160-05-13.300A0-	13,3		60	124	77	45	14	☺
	DC160-05-13.400A0-	13,4		60	124	77	45	14	☺
	DC160-05-13.494A0-	13,494	17/32"	60	124	77	45	14	☺
	DC160-05-13.500A0-	13,5		60	124	77	45	14	☺
	DC160-05-13.600A0-	13,6		60	124	77	45	14	☺
	DC160-05-13.700A0-	13,7		60	124	77	45	14	☺
	DC160-05-13.800A0-	13,8		60	124	77	45	14	☺
	DC160-05-13.900A0-	13,9		60	124	77	45	14	☺
	DC160-05-14.000A0-	14		60	124	77	45	14	☺
	DC160-05-14.100A0-	14,1		63	133	83	48	16	☺
	DC160-05-14.200A0-	14,2		63	133	83	48	16	☺
	DC160-05-14.288A0-	14,288	9/16"	63	133	83	48	16	☺
	DC160-05-14.500A0-	14,5		63	133	83	48	16	☺
	DC160-05-14.600A0-	14,6		63	133	83	48	16	☺
	DC160-05-14.700A0-	14,7		63	133	83	48	16	☺
	DC160-05-14.750A0-	14,75		63	133	83	48	16	☺
	DC160-05-14.800A0-	14,8		63	133	83	48	16	☺
	DC160-05-15.000A0-	15		63	133	83	48	16	☺
	DC160-05-15.100A0-	15,1		63	133	83	48	16	☺
	DC160-05-15.200A0-	15,2		63	133	83	48	16	☺
	DC160-05-15.300A0-	15,3		63	133	83	48	16	☺
	DC160-05-15.500A0-	15,5		63	133	83	48	16	☺
	DC160-05-15.700A0-	15,7		63	133	83	48	16	☺
	DC160-05-15.800A0-	15,8		63	133	83	48	16	☺
	DC160-05-15.875A0-	15,875	5/8"	63	133	83	48	16	☺
	DC160-05-15.900A0-	15,9		63	133	83	48	16	☺
	DC160-05-16.000A0-	16		63	133	83	48	16	☺
	DC160-05-16.100A0-	16,1		71	143	93	48	18	☺
	DC160-05-16.300A0-	16,3		71	143	93	48	18	☺
	DC160-05-16.500A0-	16,5		71	143	93	48	18	☺
	DC160-05-16.600A0-	16,6		71	143	93	48	18	☺
	DC160-05-16.700A0-	16,7		71	143	93	48	18	☺
	DC160-05-16.750A0-	16,75		71	143	93	48	18	☺
	DC160-05-16.800A0-	16,8		71	143	93	48	18	☺
	DC160-05-17.000A0-	17		71	143	93	48	18	☺
	DC160-05-17.500A0-	17,5		71	143	93	48	18	☺
	DC160-05-17.700A0-	17,7		71	143	93	48	18	☺
	DC160-05-17.800A0-	17,8		71	143	93	48	18	☺
	DC160-05-18.000A0-	18		71	143	93	48	18	☺
	DC160-05-18.200A0-	18,2		77	153	101	50	20	☺
	DC160-05-18.700A0-	18,7		77	153	101	50	20	☺
	DC160-05-18.800A0-	18,8		77	153	101	50	20	☺

Ordering example for the grade WJ30ET: DC160-05-03.000A0-WJ30ET

WALTER
SELECT

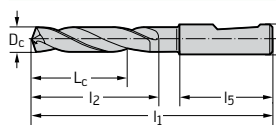
●● Primary application ● Other application
Best tool for → Good = ☺ → Average = ☹ → Poor = ☹ machining conditions

Tool	Designation	D _c m7 mm	D _c Inch/Nr	L _c mm	l ₁ mm	l ₂ mm	l ₅ mm	d ₁ h6 mm	WJ30ET
 DIN 6535 HA	DC160-05-19.000A0-	19		77	153	101	50	20	
	DC160-05-19.050A0-	19,050	3/4"	77	153	101	50	20	
	DC160-05-20.000A0-	20		77	153	101	50	20	
	DC160-05-20.500A0-	20,5		86	166	108	56	25	
	DC160-05-21.000A0-	21		86	166	108	56	25	
	DC160-05-21.500A0-	21,5		86	166	108	56	25	
	DC160-05-22.000A0-	22		86	166	108	56	25	
	DC160-05-22.500A0-	22,5		91	173	115	56	25	
	DC160-05-23.000A0-	23		91	173	115	56	25	
	DC160-05-23.500A0-	23,5		91	173	115	56	25	
	DC160-05-24.000A0-	24		91	173	115	56	25	
	DC160-05-24.500A0-	24,5		97	180	122	56	25	
	DC160-05-25.000A0-	25		97	180	122	56	25	
 DIN 6535 HE	DC160-05-03.000F0-	3		23	66	28	36	6	
	DC160-05-03.100F0-	3,1		23	66	28	36	6	
	DC160-05-03.200F0-	3,2		23	66	28	36	6	
	DC160-05-03.250F0-	3,25		23	66	28	36	6	
	DC160-05-03.300F0-	3,3		23	66	28	36	6	
	DC160-05-03.400F0-	3,4		23	66	28	36	6	
	DC160-05-03.500F0-	3,5		23	66	28	36	6	
	DC160-05-03.600F0-	3,6		23	66	28	36	6	
	DC160-05-03.650F0-	3,65		23	66	28	36	6	
	DC160-05-03.700F0-	3,7		23	66	28	36	6	
	DC160-05-03.800F0-	3,8		29	74	36	36	6	
	DC160-05-03.900F0-	3,9		29	74	36	36	6	
	DC160-05-04.000F0-	4		29	74	36	36	6	
	DC160-05-04.100F0-	4,1		29	74	36	36	6	
	DC160-05-04.200F0-	4,2		29	74	36	36	6	
	DC160-05-04.300F0-	4,3		29	74	36	36	6	
	DC160-05-04.400F0-	4,4		29	74	36	36	6	
	DC160-05-04.500F0-	4,5		29	74	36	36	6	
	DC160-05-04.600F0-	4,6		29	74	36	36	6	
	DC160-05-04.650F0-	4,65		29	74	36	36	6	
	DC160-05-04.700F0-	4,7		29	74	36	36	6	
	DC160-05-04.800F0-	4,8		35	82	44	36	6	
	DC160-05-04.900F0-	4,9		35	82	44	36	6	
	DC160-05-05.000F0-	5		35	82	44	36	6	
	DC160-05-05.100F0-	5,1		35	82	44	36	6	
	DC160-05-05.200F0-	5,2		35	82	44	36	6	
	DC160-05-05.300F0-	5,3		35	82	44	36	6	
	DC160-05-05.400F0-	5,4		35	82	44	36	6	
	DC160-05-05.500F0-	5,5		35	82	44	36	6	
	DC160-05-05.550F0-	5,55		35	82	44	36	6	
	DC160-05-05.600F0-	5,6		35	82	44	36	6	
	DC160-05-05.700F0-	5,7		35	82	44	36	6	
	DC160-05-05.800F0-	5,8		35	82	44	36	6	

Ordering example for the grade WJ30ET: DC160-05-03.000A0-WJ30ET

**WALTER
SELECT**

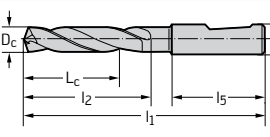
●● Primary application ● Other application
 Best tool for → Good = ☺ → Average = ☹ → Poor = ☹ machining conditions

Tool		D _c m7 mm	D _c Inch/Nr	L _c mm	l ₁ mm	l ₂ mm	l ₅ mm	d ₁ h6 mm	WJ30ET
 DIN 6535 HE	Designation								
	DC160-05-05.900F0-	5,9		35	82	44	36	6	☹
	DC160-05-06.000F0-	6		35	82	44	36	6	☹
	DC160-05-06.100F0-	6,1		43	91	53	36	8	☹
	DC160-05-06.200F0-	6,2		43	91	53	36	8	☹
	DC160-05-06.300F0-	6,3		43	91	53	36	8	☹
	DC160-05-06.400F0-	6,4		43	91	53	36	8	☹
	DC160-05-06.500F0-	6,5		43	91	53	36	8	☹
	DC160-05-06.600F0-	6,6		43	91	53	36	8	☹
	DC160-05-06.700F0-	6,7		43	91	53	36	8	☹
	DC160-05-06.800F0-	6,8		43	91	53	36	8	☹
	DC160-05-06.900F0-	6,9		43	91	53	36	8	☹
	DC160-05-07.000F0-	7		43	91	53	36	8	☹
	DC160-05-07.100F0-	7,1		43	91	53	36	8	☹
	DC160-05-07.200F0-	7,2		43	91	53	36	8	☹
	DC160-05-07.300F0-	7,3		43	91	53	36	8	☹
	DC160-05-07.400F0-	7,4		43	91	53	36	8	☹
	DC160-05-07.500F0-	7,5		43	91	53	36	8	☹
	DC160-05-07.550F0-	7,55		43	91	53	36	8	☹
	DC160-05-07.600F0-	7,6		43	91	53	36	8	☹
	DC160-05-07.700F0-	7,7		43	91	53	36	8	☹
	DC160-05-07.800F0-	7,8		43	91	53	36	8	☹
	DC160-05-07.900F0-	7,9		43	91	53	36	8	☹
	DC160-05-08.000F0-	8		43	91	53	36	8	☹
	DC160-05-08.100F0-	8,1		49	103	61	40	10	☹
	DC160-05-08.200F0-	8,2		49	103	61	40	10	☹
	DC160-05-08.300F0-	8,3		49	103	61	40	10	☹
	DC160-05-08.400F0-	8,4		49	103	61	40	10	☹
	DC160-05-08.500F0-	8,5		49	103	61	40	10	☹
	DC160-05-08.600F0-	8,6		49	103	61	40	10	☹
	DC160-05-08.700F0-	8,7		49	103	61	40	10	☹
	DC160-05-08.800F0-	8,8		49	103	61	40	10	☹
	DC160-05-08.900F0-	8,9		49	103	61	40	10	☹
	DC160-05-09.000F0-	9		49	103	61	40	10	☹
	DC160-05-09.100F0-	9,1		49	103	61	40	10	☹
	DC160-05-09.200F0-	9,2		49	103	61	40	10	☹
	DC160-05-09.300F0-	9,3		49	103	61	40	10	☹
	DC160-05-09.400F0-	9,4		49	103	61	40	10	☹
	DC160-05-09.500F0-	9,5		49	103	61	40	10	☹
	DC160-05-09.550F0-	9,55		49	103	61	40	10	☹
	DC160-05-09.600F0-	9,6		49	103	61	40	10	☹
	DC160-05-09.700F0-	9,7		49	103	61	40	10	☹
	DC160-05-09.800F0-	9,8		49	103	61	40	10	☹
	DC160-05-09.900F0-	9,9		49	103	61	40	10	☹
	DC160-05-10.000F0-	10		49	103	61	40	10	☹
	DC160-05-10.100F0-	10,1		56	118	71	45	12	☹
	DC160-05-10.200F0-	10,2		56	118	71	45	12	☹

Ordering example for the grade WJ30ET: DC160-05-03.000A0-WJ30ET

**WALTER
SELECT**

●● Primary application ● Other application
Best tool for → Good = ☺ → Average = ☹ → Poor = ☹ machining conditions

Tool		D _c m7 mm	D _c Inch/Nr	L _c mm	l ₁ mm	l ₂ mm	l ₅ mm	d ₁ h6 mm	WJ30ET
	Designation								
	DIN 6535 HE								
	DC160-05-10.300F0-	10,3		56	118	71	45	12	☹
	DC160-05-10.400F0-	10,4		56	118	71	45	12	☹
	DC160-05-10.500F0-	10,5		56	118	71	45	12	☹
	DC160-05-10.600F0-	10,6		56	118	71	45	12	☹
	DC160-05-10.700F0-	10,7		56	118	71	45	12	☹
	DC160-05-10.800F0-	10,8		56	118	71	45	12	☹
	DC160-05-10.900F0-	10,9		56	118	71	45	12	☹
	DC160-05-11.000F0-	11		56	118	71	45	12	☹
	DC160-05-11.100F0-	11,1		56	118	71	45	12	☹
	DC160-05-11.200F0-	11,2		56	118	71	45	12	☹
	DC160-05-11.300F0-	11,3		56	118	71	45	12	☹
	DC160-05-11.400F0-	11,4		56	118	71	45	12	☹
	DC160-05-11.500F0-	11,5		56	118	71	45	12	☹
	DC160-05-11.550F0-	11,55		56	118	71	45	12	☹
	DC160-05-11.600F0-	11,6		56	118	71	45	12	☹
	DC160-05-11.700F0-	11,7		56	118	71	45	12	☹
	DC160-05-11.800F0-	11,8		56	118	71	45	12	☹
	DC160-05-11.900F0-	11,9		56	118	71	45	12	☹
	DC160-05-12.000F0-	12		56	118	71	45	12	☹
	DC160-05-12.100F0-	12,1		60	124	77	45	14	☹
	DC160-05-12.200F0-	12,2		60	124	77	45	14	☹
	DC160-05-12.250F0-	12,25		60	124	77	45	14	☹
	DC160-05-12.300F0-	12,3		60	124	77	45	14	☹
	DC160-05-12.400F0-	12,4		60	124	77	45	14	☹
	DC160-05-12.500F0-	12,5		60	124	77	45	14	☹
	DC160-05-12.600F0-	12,6		60	124	77	45	14	☹
	DC160-05-12.700F0-	12,700	1/2"	60	124	77	45	14	☹
	DC160-05-12.750F0-	12,75		60	124	77	45	14	☹
	DC160-05-12.800F0-	12,8		60	124	77	45	14	☹
	DC160-05-12.900F0-	12,9		60	124	77	45	14	☹
	DC160-05-13.000F0-	13		60	124	77	45	14	☹
	DC160-05-13.100F0-	13,1		60	124	77	45	14	☹
	DC160-05-13.200F0-	13,2		60	124	77	45	14	☹
	DC160-05-13.300F0-	13,3		60	124	77	45	14	☹
	DC160-05-13.400F0-	13,4		60	124	77	45	14	☹
	DC160-05-13.500F0-	13,5		60	124	77	45	14	☹
	DC160-05-13.600F0-	13,6		60	124	77	45	14	☹
	DC160-05-13.700F0-	13,7		60	124	77	45	14	☹
	DC160-05-13.800F0-	13,8		60	124	77	45	14	☹
	DC160-05-13.900F0-	13,9		60	124	77	45	14	☹
	DC160-05-14.000F0-	14		60	124	77	45	14	☹
	DC160-05-14.100F0-	14,1		63	133	83	48	16	☹
	DC160-05-14.200F0-	14,2		63	133	83	48	16	☹
	DC160-05-14.300F0-	14,3		63	133	83	48	16	☹
	DC160-05-14.400F0-	14,4		63	133	83	48	16	☹
	DC160-05-14.500F0-	14,5		63	133	83	48	16	☹

Ordering example for the grade WJ30ET: DC160-05-03.000A0-WJ30ET

WALTER
SELECT

● ● Primary application ● Other application
 Best tool for → Good = ☺ → Average = ☹ → Poor = ☹ machining conditions

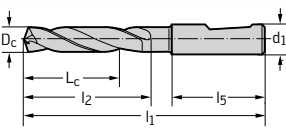
Tool	Designation	D _c m7 mm	D _c Inch/Nr	L _c mm	l ₁ mm	l ₂ mm	l ₅ mm	d ₁ h6 mm	WJ30ET
DIN 6535 HE	DC160-05-14.600F0-	14,6		63	133	83	48	16	☹
	DC160-05-14.700F0-	14,7		63	133	83	48	16	☹
	DC160-05-14.750F0-	14,75		63	133	83	48	16	☹
	DC160-05-14.800F0-	14,8		63	133	83	48	16	☹
	DC160-05-15.000F0-	15		63	133	83	48	16	☹
	DC160-05-15.100F0-	15,1		63	133	83	48	16	☹
	DC160-05-15.200F0-	15,2		63	133	83	48	16	☹
	DC160-05-15.300F0-	15,3		63	133	83	48	16	☹
	DC160-05-15.500F0-	15,5		63	133	83	48	16	☹
	DC160-05-15.600F0-	15,6		63	133	83	48	16	☹
	DC160-05-15.700F0-	15,7		63	133	83	48	16	☹
	DC160-05-15.800F0-	15,8		63	133	83	48	16	☹
	DC160-05-15.900F0-	15,9		63	133	83	48	16	☹
	DC160-05-16.000F0-	16		63	133	83	48	16	☹
	DC160-05-16.100F0-	16,1		71	143	93	48	18	☹
	DC160-05-16.200F0-	16,2		71	143	93	48	18	☹
	DC160-05-16.300F0-	16,3		71	143	93	48	18	☹
	DC160-05-16.400F0-	16,4		71	143	93	48	18	☹
	DC160-05-16.500F0-	16,5		71	143	93	48	18	☹
	DC160-05-16.600F0-	16,6		71	143	93	48	18	☹
	DC160-05-16.700F0-	16,7		71	143	93	48	18	☹
	DC160-05-16.750F0-	16,75		71	143	93	48	18	☹
	DC160-05-16.800F0-	16,8		71	143	93	48	18	☹
	DC160-05-17.000F0-	17		71	143	93	48	18	☹
	DC160-05-17.200F0-	17,2		71	143	93	48	18	☹
	DC160-05-17.300F0-	17,3		71	143	93	48	18	☹
	DC160-05-17.500F0-	17,5		71	143	93	48	18	☹
	DC160-05-17.600F0-	17,6		71	143	93	48	18	☹
	DC160-05-17.700F0-	17,7		71	143	93	48	18	☹
	DC160-05-17.800F0-	17,8		71	143	93	48	18	☹
	DC160-05-18.000F0-	18		71	143	93	48	18	☹
	DC160-05-18.200F0-	18,2		77	153	101	50	20	☹
	DC160-05-18.500F0-	18,5		77	153	101	50	20	☹
	DC160-05-18.700F0-	18,7		77	153	101	50	20	☹
	DC160-05-18.800F0-	18,8		77	153	101	50	20	☹
	DC160-05-19.000F0-	19		77	153	101	50	20	☹
	DC160-05-19.500F0-	19,5		77	153	101	50	20	☹
	DC160-05-19.700F0-	19,7		77	153	101	50	20	☹
	DC160-05-19.800F0-	19,8		77	153	101	50	20	☹
	DC160-05-20.000F0-	20		77	153	101	50	20	☹
	DC160-05-20.500F0-	20,5		86	166	108	56	25	☹
	DC160-05-21.000F0-	21		86	166	108	56	25	☹
	DC160-05-21.500F0-	21,5		86	166	108	56	25	☹
	DC160-05-22.000F0-	22		86	166	108	56	25	☹
	DC160-05-22.500F0-	22,5		91	173	115	56	25	☹
	DC160-05-23.000F0-	23		91	173	115	56	25	☹

Ordering example for the grade WJ30ET: DC160-05-03.000A0-WJ30ET

WALTER
SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = ☹ → Poor = ☹ machining conditions

Tool		D _c mm	D _c Inch/Nr	L _c mm	l ₁ mm	l ₂ mm	l ₅ mm	d ₁ h6 mm	WJ30ET
	Designation								
	DC160-05-23.500F0-	23,5		91	173	115	56	25	☺
	DC160-05-24.000F0-	24		91	173	115	56	25	☺
	DC160-05-24.500F0-	24,5		97	180	122	56	25	☺
	DC160-05-25.000F0-	25		97	180	122	56	25	☺
DIN 6535 HE									

Ordering example for the grade WJ30ET: DC160-05-03.000A0-WJ30ET

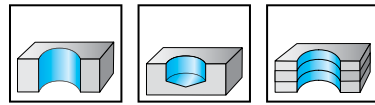
B1

**WALTER
SELECT**

●● Primary application ● Other application
 Best tool for → Good = ☺ → Average = ☹ → Poor = ☹☹ machining conditions

Solid carbide twist drills

DC150 Perform



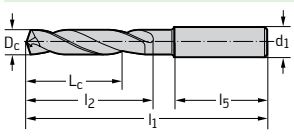
	P	M	K	N	S	H	O
WJ30TA	●	●	●	●	●	●	●

Tool	Designation	D _c mm	D _c Inch/Nr	L _c mm	l ₁ mm	l ₂ mm	l ₅ mm	d ₁ h6 mm	WJ30TA
 DIN 6535 HA	DC150-05-03.000A0-	3		23	66	28	36	6	☹
	DC150-05-03.100A0-	3,1		23	66	28	36	6	☹
	DC150-05-03.175A0-	3,175	1/8"	23	66	28	36	6	☹
	DC150-05-03.200A0-	3,2		23	66	28	36	6	☹
	DC150-05-03.250A0-	3,25		23	66	28	36	6	☹
	DC150-05-03.300A0-	3,3		23	66	28	36	6	☹
	DC150-05-03.400A0-	3,4		23	66	28	36	6	☹
	DC150-05-03.500A0-	3,5		23	66	28	36	6	☹
	DC150-05-03.600A0-	3,6		23	66	28	36	6	☹
	DC150-05-03.650A0-	3,65		23	66	28	36	6	☹
	DC150-05-03.700A0-	3,7		23	66	28	36	6	☹
	DC150-05-03.800A0-	3,8		29	74	36	36	6	☹
	DC150-05-03.900A0-	3,9		29	74	36	36	6	☹
	DC150-05-03.969A0-	3,969	5/32"	29	74	36	36	6	☹
	DC150-05-04.000A0-	4		29	74	36	36	6	☹
	DC150-05-04.100A0-	4,1		29	74	36	36	6	☹
	DC150-05-04.200A0-	4,2		29	74	36	36	6	☹
	DC150-05-04.300A0-	4,3		29	74	36	36	6	☹
	DC150-05-04.366A0-	4,366	11/64"	29	74	36	36	6	☹
	DC150-05-04.400A0-	4,4		29	74	36	36	6	☹
	DC150-05-04.500A0-	4,5		29	74	36	36	6	☹
	DC150-05-04.600A0-	4,6		29	74	36	36	6	☹
	DC150-05-04.650A0-	4,65		29	74	36	36	6	☹
	DC150-05-04.700A0-	4,7		29	74	36	36	6	☹
	DC150-05-04.763A0-	4,763	3/16"	35	82	44	36	6	☹
	DC150-05-04.800A0-	4,8		35	82	44	36	6	☹
	DC150-05-04.900A0-	4,9		35	82	44	36	6	☹
	DC150-05-05.000A0-	5		35	82	44	36	6	☹
	DC150-05-05.100A0-	5,1		35	82	44	36	6	☹
	DC150-05-05.159A0-	5,159	13/64"	35	82	44	36	6	☹
	DC150-05-05.200A0-	5,2		35	82	44	36	6	☹
	DC150-05-05.300A0-	5,3		35	82	44	36	6	☹
	DC150-05-05.400A0-	5,4		35	82	44	36	6	☹
	DC150-05-05.500A0-	5,5		35	82	44	36	6	☹
	DC150-05-05.550A0-	5,55		35	82	44	36	6	☹
	DC150-05-05.556A0-	5,556	7/32"	35	82	44	36	6	☹

Ordering example for the grade WJ30TA: DC150-05-03.000A0-WJ30TA

**WALTER
SELECT**

●● Primary application ● Other application
Best tool for → Good = ☺ → Average = ☹ → Poor = ☹ machining conditions

Tool		D _c m7 mm		L _c mm	l ₁ mm	l ₂ mm	l ₅ mm	d ₁ h6 mm	WJ30TA
	Designation		D _c Inch/Nr						
	DC150-05-05.600A0-	5,6		35	82	44	36	6	
	DC150-05-05.700A0-	5,7		35	82	44	36	6	
	DC150-05-05.800A0-	5,8		35	82	44	36	6	
	DC150-05-05.900A0-	5,9		35	82	44	36	6	
DIN 6535 HA	DC150-05-05.953A0-	5,953	15/64"	35	82	44	36	6	
	DC150-05-06.000A0-	6		35	82	44	36	6	
	DC150-05-06.100A0-	6,1		43	91	53	36	8	
	DC150-05-06.200A0-	6,2		43	91	53	36	8	
	DC150-05-06.300A0-	6,3		43	91	53	36	8	
	DC150-05-06.350A0-	6,350	1/4"	43	91	53	36	8	
	DC150-05-06.400A0-	6,4		43	91	53	36	8	
	DC150-05-06.500A0-	6,5		43	91	53	36	8	
	DC150-05-06.600A0-	6,6		43	91	53	36	8	
	DC150-05-06.700A0-	6,7		43	91	53	36	8	
	DC150-05-06.747A0-	6,747	17/64"	43	91	53	36	8	
	DC150-05-06.800A0-	6,8		43	91	53	36	8	
	DC150-05-06.900A0-	6,9		43	91	53	36	8	
	DC150-05-07.000A0-	7		43	91	53	36	8	
	DC150-05-07.100A0-	7,1		43	91	53	36	8	
	DC150-05-07.144A0-	7,144	9/32"	43	91	53	36	8	
	DC150-05-07.200A0-	7,2		43	91	53	36	8	
	DC150-05-07.300A0-	7,3		43	91	53	36	8	
	DC150-05-07.400A0-	7,4		43	91	53	36	8	
	DC150-05-07.500A0-	7,5		43	91	53	36	8	
	DC150-05-07.700A0-	7,7		43	91	53	36	8	
	DC150-05-07.800A0-	7,8		43	91	53	36	8	
	DC150-05-07.900A0-	7,9		43	91	53	36	8	
	DC150-05-07.938A0-	7,938	5/16"	43	91	53	36	8	
	DC150-05-08.000A0-	8		43	91	53	36	8	
	DC150-05-08.100A0-	8,1		49	103	61	40	10	
	DC150-05-08.200A0-	8,2		49	103	61	40	10	
	DC150-05-08.300A0-	8,3		49	103	61	40	10	
	DC150-05-08.334A0-	8,334	21/64"	49	103	61	40	10	
	DC150-05-08.400A0-	8,4		49	103	61	40	10	
	DC150-05-08.500A0-	8,5		49	103	61	40	10	
	DC150-05-08.600A0-	8,6		49	103	61	40	10	
	DC150-05-08.700A0-	8,7		49	103	61	40	10	
	DC150-05-08.731A0-	8,731	11/32"	49	103	61	40	10	
	DC150-05-08.800A0-	8,8		49	103	61	40	10	
	DC150-05-08.900A0-	8,9		49	103	61	40	10	
	DC150-05-09.000A0-	9		49	103	61	40	10	
	DC150-05-09.100A0-	9,1		49	103	61	40	10	
	DC150-05-09.128A0-	9,128	23/64"	49	103	61	40	10	
	DC150-05-09.200A0-	9,2		49	103	61	40	10	
DC150-05-09.300A0-	9,3		49	103	61	40	10		
DC150-05-09.400A0-	9,4		49	103	61	40	10		

Ordering example for the grade WJ30TA: DC150-05-03.000A0-WJ30TA

**WALTER
SELECT**

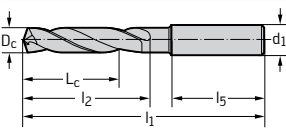
● ● Primary application ● Other application
 Best tool for → Good = ☺ → Average = ☹ → Poor = ☹ machining conditions

Tool	Designation	D _c m7 mm	D _c Inch/Nr	L _c mm	l ₁ mm	l ₂ mm	l ₅ mm	d ₁ h6 mm	WJ30TA
	DC150-05-09.500A0-	9,5		49	103	61	40	10	☹
	DC150-05-09.525A0-	9,525	3/8"	49	103	61	40	10	☹
	DC150-05-09.600A0-	9,6		49	103	61	40	10	☹
	DC150-05-09.700A0-	9,7		49	103	61	40	10	☹
	DC150-05-09.800A0-	9,8		49	103	61	40	10	☹
	DC150-05-09.900A0-	9,9		49	103	61	40	10	☹
	DC150-05-09.922A0-	9,922	25/64"	49	103	61	40	10	☹
	DC150-05-10.000A0-	10		49	103	61	40	10	☹
	DC150-05-10.100A0-	10,1		56	118	71	45	12	☹
	DC150-05-10.200A0-	10,2		56	118	71	45	12	☹
	DC150-05-10.300A0-	10,3		56	118	71	45	12	☹
	DC150-05-10.319A0-	10,319	13/32"	56	118	71	45	12	☹
	DC150-05-10.400A0-	10,4		56	118	71	45	12	☹
	DC150-05-10.500A0-	10,5		56	118	71	45	12	☹
	DC150-05-10.600A0-	10,6		56	118	71	45	12	☹
	DC150-05-10.700A0-	10,7		56	118	71	45	12	☹
	DC150-05-10.716A0-	10,716	27/64"	56	118	71	45	12	☹
	DC150-05-10.800A0-	10,8		56	118	71	45	12	☹
	DC150-05-11.000A0-	11		56	118	71	45	12	☹
	DC150-05-11.113A0-	11,113	7/16"	56	118	71	45	12	☹
	DC150-05-11.200A0-	11,2		56	118	71	45	12	☹
	DC150-05-11.500A0-	11,5		56	118	71	45	12	☹
	DC150-05-11.800A0-	11,8		56	118	71	45	12	☹
	DC150-05-11.906A0-	11,906	15/32"	56	118	71	45	12	☹
	DC150-05-12.000A0-	12		56	118	71	45	12	☹
	DC150-05-12.200A0-	12,2		60	124	77	45	14	☹
	DC150-05-12.300A0-	12,3		60	124	77	45	14	☹
	DC150-05-12.400A0-	12,4		60	124	77	45	14	☹
	DC150-05-12.500A0-	12,5		60	124	77	45	14	☹
	DC150-05-12.600A0-	12,6		60	124	77	45	14	☹
	DC150-05-12.700A0-	12,700	1/2"	60	124	77	45	14	☹
	DC150-05-13.000A0-	13		60	124	77	45	14	☹
	DC150-05-13.200A0-	13,2		60	124	77	45	14	☹
	DC150-05-13.494A0-	13,494	17/32"	60	124	77	45	14	☹
	DC150-05-13.500A0-	13,5		60	124	77	45	14	☹
	DC150-05-13.800A0-	13,8		60	124	77	45	14	☹
	DC150-05-14.000A0-	14		60	124	77	45	14	☹
	DC150-05-14.200A0-	14,2		63	133	83	48	16	☹
	DC150-05-14.288A0-	14,288	9/16"	63	133	83	48	16	☹
	DC150-05-14.500A0-	14,5		63	133	83	48	16	☹
	DC150-05-15.000A0-	15		63	133	83	48	16	☹
	DC150-05-15.500A0-	15,5		63	133	83	48	16	☹
	DC150-05-15.800A0-	15,8		63	133	83	48	16	☹
	DC150-05-16.000A0-	16		63	133	83	48	16	☹
	DC150-05-16.500A0-	16,5		71	143	93	48	18	☹
	DC150-05-17.000A0-	17		71	143	93	48	18	☹

Ordering example for the grade WJ30TA: DC150-05-03.000A0-WJ30TA

WALTER
SELECT

● ● Primary application ● Other application
Best tool for → Good = ☺ → Average = ☹ → Poor = ☹ machining conditions

Tool		D _c mm	D _c Inch/Nr	L _c mm	l ₁ mm	l ₂ mm	l ₅ mm	d ₁ h6 mm	WJ30TA
	Designation								
	DC150-05-17.500A0-	17,5		71	143	93	48	18	☺
	DC150-05-18.000A0-	18		71	143	93	48	18	☺
	DC150-05-19.000A0-	19		77	153	101	50	20	☺
	DC150-05-19.500A0-	19,5		77	153	101	50	20	☺
	DC150-05-20.000A0-	20		77	153	101	50	20	☺
DIN 6535 HA									

Ordering example for the grade WJ30TA: DC150-05-03.000A0-WJ30TA

B1

**WALTER
SELECT**

●● Primary application ● Other application
 Best tool for → Good = ☺ → Average = ☹ → Poor = ☹☹ machining conditions

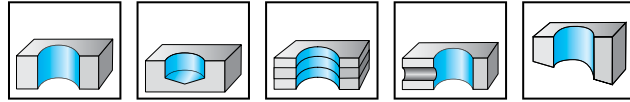
Solid carbide twist drill 3 flutes

A3367

BSX



– SX ground tip



	P	M	K	N	S	H	O
uncoated			●●	●●	●		●

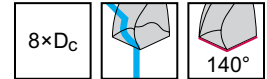
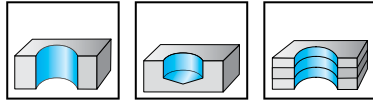
Tool	Designation	D _c mm	D _c Inch/Nr	L _c mm	l ₁ mm	l ₂ mm	l ₅ mm	d ₁ h6 mm
 DIN 6535 HA	A3367-3	3		23	66	28	36	6
	A3367-3.15	3,15		23	66	28	36	6
	A3367-1/8IN	3,175	1/8"	23	66	28	36	6
	A3367-3.3	3,3		23	66	28	36	6
	A3367-3.5	3,5		23	66	28	36	6
	A3367-3.7	3,7		23	66	28	36	6
	A3367-3.8	3,8		29	74	36	36	6
	A3367-5/32IN	3,969	5/32"	29	74	36	36	6
	A3367-4	4		29	74	36	36	6
	A3367-4.2	4,2		29	74	36	36	6
	A3367-4.3	4,3		29	74	36	36	6
	A3367-4.45	4,45		29	74	36	36	6
	A3367-4.5	4,5		29	74	36	36	6
	A3367-4.65	4,65		29	74	36	36	6
	A3367-3/16IN	4,763	3/16"	35	82	44	36	6
	A3367-5	5		35	82	44	36	6
	A3367-13/64IN	5,159	13/64"	35	82	44	36	6
	A3367-5.5	5,5		35	82	44	36	6
	A3367-5.55	5,55		35	82	44	36	6
	A3367-5.75	5,75		35	82	44	36	6
	A3367-5.9	5,9		35	82	44	36	6
	A3367-6	6		35	82	44	36	6
	A3367-6.55	6,55		43	91	53	36	8
	A3367-17/64IN	6,747	17/64"	43	91	53	36	8
	A3367-6.8	6,8		43	91	53	36	8
	A3367-7	7		43	91	53	36	8
	A3367-7.25	7,25		43	91	53	36	8
	A3367-8	8		43	91	53	36	8
	A3367-8.5	8,5		49	103	61	40	10
	A3367-9	9		49	103	61	40	10
	A3367-25/64IN	9,922	25/64"	49	103	61	40	10
	A3367-10	10		49	103	61	40	10
	A3367-10.2	10,2		56	118	71	45	12
	A3367-11	11		56	118	71	45	12
	A3367-12	12		56	118	71	45	12
	A3367-13	13		60	124	77	45	14
	A3367-13.5	13,5		60	124	77	45	14
	A3367-15	15		63	133	83	48	16
	A3367-16	16		63	133	83	48	16

WALTER
SELECT

●● Primary application ● Other application
Best tool for → Good = 😊 → Average = 😐 → Poor = 😞 machining conditions

Solid carbide micro twist drills

DB133 Supreme



	P	M	K	N	S	H	O
WJ30ER	●●	●	●●	●●	●	●	●

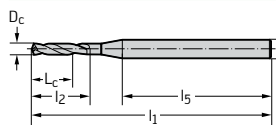
B1

Tool	Designation	D _c mm	D _c Inch/Nr	L _c mm	l ₁ mm	l ₂ mm	l ₅ mm	d ₁ h6 mm	WJ30ER
	DB133-08-00.500A0-	0,5		5,2	48	6	35	3	☺
	DB133-08-00.600A0-	0,6		6,1	48	7	34	3	☺
	DB133-08-00.700A0-	0,7		6,9	50	8	35	3	☺
	DB133-08-00.750A0-	0,75		7,8	50	9	34	3	☺
DIN 6535 HA	DB133-08-00.794A0-	0,794	1/32"	7,8	50	9	34	3	☺
	DB133-08-00.800A0-	0,8		7,8	50	9	34	3	☺
	DB133-08-00.880A0-	0,88		8,6	53	10	36	3	☺
	DB133-08-00.900A0-	0,9		8,6	53	10	36	3	☺
	DB133-08-00.950A0-	0,95		10,5	53	12	34	3	☺
	DB133-08-01.000A0-	1		10,5	53	12	34	3	☺
	DB133-08-01.050A0-	1,05		11	54	13	35	3	☺
	DB133-08-01.100A0-	1,1		11	54	13	35	3	☺
	DB133-08-01.191A0-	1,191	3/64"	12	54	14	34	3	☺
	DB133-08-01.200A0-	1,2		12	54	14	34	3	☺
	DB133-08-01.250A0-	1,25		12	54	14	34	3	☺
	DB133-08-01.300A0-	1,3		13	57	15	36	3	☺
	DB133-08-01.350A0-	1,35		13	57	16	35	3	☺
	DB133-08-01.400A0-	1,4		13	57	16	35	3	☺
	DB133-08-01.450A0-	1,45		14	57	17	34	3	☺
	DB133-08-01.500A0-	1,5		14	57	17	34	3	☺
	DB133-08-01.550A0-	1,55		15	60	18	37	3	☺
	DB133-08-01.588A0-	1,588	1/16"	15	60	18	37	3	☺
	DB133-08-01.600A0-	1,6		15	60	18	37	3	☺
	DB133-08-01.650A0-	1,65		17	60	20	35	3	☺
	DB133-08-01.700A0-	1,7		17	60	20	35	3	☺
	DB133-08-01.750A0-	1,75		18	60	21	34	3	☺
	DB133-08-01.800A0-	1,8		18	60	21	34	3	☺
	DB133-08-01.820A0-	1,82		19	63	22	36	3	☺
	DB133-08-01.850A0-	1,85		19	63	22	36	3	☺
	DB133-08-01.900A0-	1,9		19	63	22	36	3	☺
	DB133-08-01.950A0-	1,95		20	63	23	35	3	☺
	DB133-08-01.984A0-	1,984	5/64"	20	63	23	35	3	☺
	DB133-08-02.000A0-	2		20	63	23	35	3	☺
	DB133-08-02.050A0-	2,05		20	63	24	35	3	☺
	DB133-08-02.100A0-	2,1		20	63	24	35	3	☺
	DB133-08-02.150A0-	2,15		21	63	25	34	3	☺

Ordering example for the grade WJ30ER: DB133-08-00.500A0-WJ30ER

**WALTER
SELECT**

●● Primary application ● Other application
 Best tool for → Good = ☺ → Average = ☹ → Poor = ☹ machining conditions

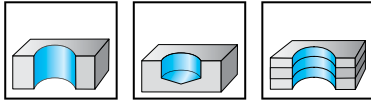
Tool		D _c m7 mm	D _c inch/Nr	L _c mm	l ₁ mm	l ₂ mm	l ₅ mm	d ₁ h6 mm	WJ30ER
 DIN 6535 HA	Designation								
	DB133-08-02.200A0-	2,2		21	63	25	34	3	☺
	DB133-08-02.250A0-	2,25		22	67	26	37	3	☺
	DB133-08-02.300A0-	2,3		22	67	26	37	3	☺
	DB133-08-02.350A0-	2,35		24	67	28	35	3	☺
	DB133-08-02.381A0-	2,381	3/32"	24	67	28	35	3	☺
	DB133-08-02.400A0-	2,4		24	67	28	35	3	☺
	DB133-08-02.450A0-	2,45		25	67	29	34	3	☺
	DB133-08-02.500A0-	2,5		25	67	29	34	3	☺
	DB133-08-02.550A0-	2,55		26	71	30	37	3	☺
	DB133-08-02.600A0-	2,6		26	71	30	37	3	☺
	DB133-08-02.650A0-	2,65		26	71	31	37	3	☺
	DB133-08-02.700A0-	2,7		26	71	31	37	3	☺
	DB133-08-02.750A0-	2,75		27	71	32	36	3	☺
	DB133-08-02.778A0-	2,778	7/64"	27	71	32	36	3	☺
	DB133-08-02.800A0-	2,8		27	71	32	36	3	☺
	DB133-08-02.850A0-	2,85		28	71	33	35	3	☺
	DB133-08-02.900A0-	2,9		28	71	33	35	3	☺
	DB133-08-02.950A0-	2,95		29	71	34	34	3	☺

Ordering example for the grade WJ30ER: DB133-08-00.500A0-WJ30ER

Solid carbide twist drills

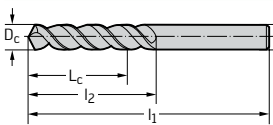
A1276TFL

Alpha® 22



	P	M	K	N	S	H	O
TFL	●●		●●	●●	●		

B1

Tool	Designation	D _c h7 mm	L _c mm	l ₁ mm	l ₂ mm	d ₁ h6 mm
 Cylindrical shank	A1276TFL-3	3	28	61	33	3
	A1276TFL-3.1	3,1	30	65	36	3,1
	A1276TFL-3.2	3,2	30	65	36	3,2
	A1276TFL-3.3	3,3	30	65	36	3,3
	A1276TFL-3.4	3,4	33	70	39	3,4
	A1276TFL-3.5	3,5	33	70	39	3,5
	A1276TFL-3.7	3,7	33	70	39	3,7
	A1276TFL-3.8	3,8	36	75	43	3,8
	A1276TFL-4	4	36	75	43	4
	A1276TFL-4.2	4,2	36	75	43	4,2
	A1276TFL-4.3	4,3	39	80	47	4,3
	A1276TFL-4.5	4,5	39	80	47	4,5
	A1276TFL-4.7	4,7	39	80	47	4,7
	A1276TFL-4.8	4,8	44	86	52	4,8
	A1276TFL-5	5	44	86	52	5
	A1276TFL-5.1	5,1	44	86	52	5,1
	A1276TFL-5.2	5,2	44	86	52	5,2
	A1276TFL-5.5	5,5	48	93	57	5,5
	A1276TFL-5.8	5,8	48	93	57	5,8
	A1276TFL-6	6	48	93	57	6
	A1276TFL-6.1	6,1	52	101	63	6,1
	A1276TFL-6.5	6,5	52	101	63	6,5
	A1276TFL-6.6	6,6	52	101	63	6,6
	A1276TFL-6.8	6,8	57	109	69	6,8
	A1276TFL-7	7	57	109	69	7
	A1276TFL-8	8	62	117	75	8
	A1276TFL-8.5	8,5	62	117	75	8,5
	A1276TFL-9	9	66	125	81	9
	A1276TFL-10	10	71	133	87	10
	A1276TFL-10.2	10,2	71	133	87	10,2

WALTER
SELECT

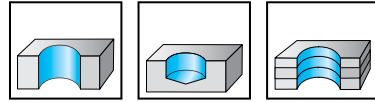
●● Primary application ● Other application
 Best tool for → Good = 😊 → Average = 😐 → Poor = ☹️ machining conditions

Solid carbide twist drills

A1263



– Type N

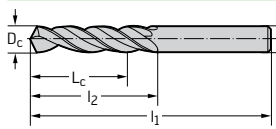


	P	M	K	N	S	H	O
uncoated			●	●●	●		●●

Tool	Designation	D _c h7 mm	L _c mm	l ₁ mm	l ₂ mm	d ₁ h6 mm
	A1263-0.6	0.6	6,1	24	7	0,6
	A1263-0.7	0.7	7,8	28	9	0,7
	A1263-0.8	0.8	8,7	30	10	0,8
	A1263-0.9	0.9	9,5	32	11	0,9
Cylindrical shank	A1263-1	1	10	34	12	1
	A1263-1.1	1.1	12	36	14	1.1
	A1263-1.2	1.2	14	38	16	1.2
	A1263-1.3	1.3	14	38	16	1.3
	A1263-1.4	1.4	15	40	18	1.4
	A1263-1.5	1.5	15	40	18	1.5
	A1263-1.6	1.6	17	43	20	1.6
	A1263-1.7	1.7	17	43	20	1.7
	A1263-1.8	1.8	19	46	22	1.8
	A1263-1.9	1.9	19	46	22	1.9
	A1263-2	2	20	49	24	2
	A1263-2.1	2.1	20	49	24	2.1
	A1263-2.2	2.2	23	53	27	2.2
	A1263-2.3	2.3	23	53	27	2.3
	A1263-2.4	2.4	26	57	30	2.4
	A1263-2.5	2.5	26	57	30	2.5
	A1263-2.6	2.6	26	57	30	2.6
	A1263-2.7	2.7	28	61	33	2.7
	A1263-2.8	2.8	28	61	33	2.8
	A1263-2.9	2.9	28	61	33	2.9
	A1263-3	3	28	61	33	3
	A1263-3.1	3.1	30	65	36	3.1
	A1263-3.2	3.2	30	65	36	3.2
	A1263-3.3	3.3	30	65	36	3.3
	A1263-3.4	3.4	33	70	39	3.4
	A1263-3.5	3.5	33	70	39	3.5
	A1263-3.6	3.6	33	70	39	3.6
	A1263-3.7	3.7	33	70	39	3.7
	A1263-3.8	3.8	36	75	43	3.8
	A1263-3.9	3.9	36	75	43	3.9
	A1263-4	4	36	75	43	4
	A1263-4.1	4.1	36	75	43	4.1

**WALTER
SELECT**

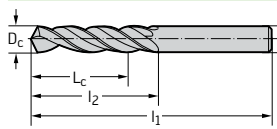
●● Primary application ● Other application
Best tool for → Good = 😊 → Average = 😐 → Poor = ☹️ machining conditions

Tool	Designation	D _c h7 mm	L _c mm	l ₁ mm	l ₂ mm	d ₁ h6 mm
	A1263-4.2	4,2	36	75	43	4,2
	A1263-4.3	4,3	39	80	47	4,3
	A1263-4.4	4,4	39	80	47	4,4
	A1263-4.5	4,5	39	80	47	4,5
Cylindrical shank	A1263-4.6	4,6	39	80	47	4,6
	A1263-4.7	4,7	39	80	47	4,7
	A1263-4.8	4,8	44	86	52	4,8
	A1263-4.9	4,9	44	86	52	4,9
	A1263-5	5	44	86	52	5
	A1263-5.1	5,1	44	86	52	5,1
	A1263-5.2	5,2	44	86	52	5,2
	A1263-5.3	5,3	44	86	52	5,3
	A1263-5.4	5,4	48	93	57	5,4
	A1263-5.5	5,5	48	93	57	5,5
	A1263-5.6	5,6	48	93	57	5,6
	A1263-5.7	5,7	48	93	57	5,7
	A1263-5.8	5,8	48	93	57	5,8
	A1263-5.9	5,9	48	93	57	5,9
	A1263-6	6	48	93	57	6
	A1263-6.1	6,1	52	101	63	6,1
	A1263-6.2	6,2	52	101	63	6,2
	A1263-6.3	6,3	52	101	63	6,3
	A1263-6.4	6,4	52	101	63	6,4
	A1263-6.5	6,5	52	101	63	6,5
	A1263-6.6	6,6	52	101	63	6,6
	A1263-6.7	6,7	52	101	63	6,7
	A1263-6.8	6,8	57	109	69	6,8
	A1263-6.9	6,9	57	109	69	6,9
	A1263-7	7	57	109	69	7
	A1263-7.1	7,1	57	109	69	7,1
	A1263-7.2	7,2	57	109	69	7,2
	A1263-7.3	7,3	57	109	69	7,3
	A1263-7.4	7,4	57	109	69	7,4
	A1263-7.5	7,5	57	109	69	7,5
	A1263-7.6	7,6	62	117	75	7,6
	A1263-7.7	7,7	62	117	75	7,7
	A1263-7.8	7,8	62	117	75	7,8
	A1263-7.9	7,9	62	117	75	7,9
	A1263-8	8	62	117	75	8
	A1263-8.1	8,1	62	117	75	8,1
	A1263-8.2	8,2	62	117	75	8,2
	A1263-8.3	8,3	62	117	75	8,3
	A1263-8.4	8,4	62	117	75	8,4
	A1263-8.5	8,5	62	117	75	8,5
	A1263-8.6	8,6	66	125	81	8,6
	A1263-8.7	8,7	66	125	81	8,7

B1

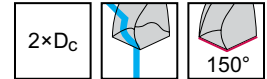
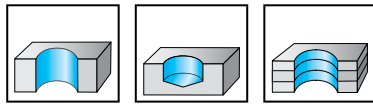
**WALTER
SELECT**

●● Primary application ● Other application
 Best tool for → Good = 😊 → Average = 😐 → Poor = ☹️ machining conditions

Tool	Designation	D _c h7 mm	L _c mm	l ₁ mm	l ₂ mm	d ₁ h6 mm
 Cylindrical shank	A1263-8.8	8,8	66	125	81	8,8
	A1263-8.9	8,9	66	125	81	8,9
	A1263-9	9	66	125	81	9
	A1263-9.1	9,1	66	125	81	9,1
	A1263-9.2	9,2	66	125	81	9,2
	A1263-9.3	9,3	66	125	81	9,3
	A1263-9.4	9,4	66	125	81	9,4
	A1263-9.5	9,5	66	125	81	9,5
	A1263-9.6	9,6	71	133	87	9,6
	A1263-9.7	9,7	71	133	87	9,7
	A1263-9.8	9,8	71	133	87	9,8
	A1263-9.9	9,9	71	133	87	9,9
	A1263-10	10	71	133	87	10
	A1263-10.2	10,2	71	133	87	10,2
	A1263-10.5	10,5	71	133	87	10,5
	A1263-10.8	10,8	76	142	94	10,8
	A1263-11	11	76	142	94	11
	A1263-11.2	11,2	76	142	94	11,2
	A1263-11.5	11,5	76	142	94	11,5
	A1263-11.8	11,8	76	142	94	11,8
	A1263-12	12	87	151	101	12

Solid carbide micro pilot drills

DB131 Supreme



	P	M	K	N	S	H	O
WJ30EL	●●	●●	●●	●●	●	●	●

B1

Tool		D _c p7 mm	D _c Inch/Nr	L _c mm	l ₁ mm	l ₂ mm	l ₅ mm	d ₁ h6 mm	WJ30EL
	Designation								
	DB131-02-00.500A0-	0,5		2,2	47	3	37	3	☹
	DB131-02-00.600A0-	0,6		2,1	47	3	37	3	☹
	DB131-02-00.700A0-	0,7		2,9	48	4	39	3	☹
DIN 6535 HA	DB131-02-00.750A0-	0,75		2,8	48	4	37	3	☹
	DB131-02-00.794A0-	0,794	1/32"	2,8	48	4	37	3	☹
	DB131-02-00.800A0-	0,8		2,8	48	4	37	3	☹
	DB131-02-00.850A0-	0,85		3,6	50	5	38	3	☹
	DB131-02-00.900A0-	0,9		3,6	50	5	38	3	☹
	DB131-02-00.950A0-	0,95		3,5	50	5	38	3	☹
	DB131-02-01.000A0-	1		3,5	50	5	38	3	☹
	DB131-02-01.050A0-	1,05		4	51	6	39	3	☹
	DB131-02-01.100A0-	1,1		4	51	6	39	3	☹
	DB131-02-01.150A0-	1,15		4	51	6	39	3	☹
	DB131-02-01.191A0-	1,191	3/64"	4	51	6	39	3	☹
	DB131-02-01.200A0-	1,2		4	51	6	39	3	☹
	DB131-02-01.250A0-	1,25		4	51	6	39	3	☹
	DB131-02-01.300A0-	1,3		5	53	7	40	3	☹
	DB131-02-01.350A0-	1,35		4	53	7	40	3	☹
	DB131-02-01.400A0-	1,4		4	53	7	40	3	☹
	DB131-02-01.450A0-	1,45		5	53	8	39	3	☹
	DB131-02-01.500A0-	1,5		5	53	8	39	3	☹
	DB131-02-01.550A0-	1,55		5	54	8	41	3	☹
	DB131-02-01.588A0-	1,588	1/16"	5	54	8	41	3	☹
	DB131-02-01.600A0-	1,6		5	54	8	41	3	☹
	DB131-02-01.650A0-	1,65		6	54	9	40	3	☹
	DB131-02-01.700A0-	1,7		6	54	9	40	3	☹
	DB131-02-01.750A0-	1,75		6	54	9	40	3	☹
	DB131-02-01.800A0-	1,8		6	54	9	40	3	☹
	DB131-02-01.850A0-	1,85		7	57	10	42	3	☹
	DB131-02-01.900A0-	1,9		7	57	10	42	3	☹
	DB131-02-01.950A0-	1,95		7	57	10	42	3	☹
	DB131-02-01.984A0-	1,984	5/64"	7	57	10	42	3	☹

Ordering example for the grade WJ30EL: DB131-02-00.500A0-WJ30EL

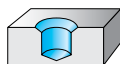
WALTER
SELECT

●● Primary application ● Other application
 Best tool for → Good = ☺ → Average = ☹ → Poor = ☹ machining conditions

Drilling/chamfering tools

B1

Machining



Drilling depth



Designation

D4580
Xtra-tec®

Effective cutting edges

2

Diameter range

[mm]

4–16

[inch]

0,157–0,630

P Steel

●●

M Stainless steel

●●

K Cast iron

●●

N NF metals

●●

S Materials with difficult cutting properties

●●

H Hard materials

O Other

Indexable insert types



VC .

Number of cutting edges

2

Page in catalogue

B 196

QR code


www.walter-tools.com/woc/

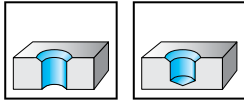
D4580

WALTER SELECT

●● Primary application ● Other application

Chamfering tool

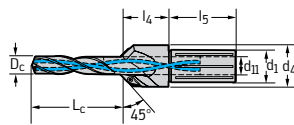
D4580 inch
Xtra-tec®

Z=2


	P	M	K	N	S	H	O
D4580	●●	●●	●●	●●	●●		

B1

Tool

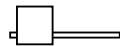
	Designation	D _{cmin} inch	D _{c max} inch	d ₁₁ inch	d ₁ inch	d ₄ inch	l ₄ inch	l ₅ inch		No. of inserts EA	Type
 Cylindrical shank with collar	D4580.45-06.00A13-VC09	0,157	0,236	0,236	0,500	0,827	1,000	1,614	0,066	2	VC .. 09 ..
	D4580.45-08.00A15-VC09	0,24	0,315	0,315	0,625	0,984	1,000	1,752	0,192	2	
	D4580.45-10.00A15-VC09	0,319	0,394	0,394	0,625	0,984	1,000	1,752	0,024	2	
	D4580.45-12.00A19-VC09	0,398	0,472	0,472	0,750	1,102	1,000	1,831	0,132	2	
	D4580.45-14.00A19-VC09	0,476	0,551	0,551	0,750	1,181	1,000	1,831	0,154	2	
	D4580.45-16.00A26-VC09	0,555	0,630	0,630	1,000	1,260	1,339	2,087	0,516	2	

Bodies and assembly parts are included in the scope of delivery

Assembly parts

	D _{cmin} [inch]	0,157–0,555
	Cartridge	FK390
	Clamping screw for indexable insert Tightening torque	FS2111 (T7IP) 0,664 lbs
	Adjusting screw	FS2029 (SW 1,5)

Accessories

	D _{cmin} [inch]	0,157–0,555
	Torx key	FS1490 (T7IP)
	Keys	ISO2936-1,5 (SW 1,5)

**WALTER
SELECT**

●● Primary application ● Other application
 Best tool for → Good = 😊 → Average = 😐 → Poor = ☹️ machining conditions

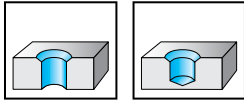
Chamfering tool

D4580

Xtra-tec®



Z=2



B1

	P	M	K	N	S	H	O
D4580	●●	●●	●●	●●	●●		

Tool	Designation	D _{cmin} mm	D _{c max} mm	d ₁₁ mm	d ₁ mm	d ₄ mm	l ₄ mm	l ₅ mm	kg	No. of inserts EA	Type
 Cylindrical shank with collar	D4580-45-06.00A12-VC09	4	6	6	12	21	25	41	0,06	2	VC .. 09 ..
	D4580-45-08.00A16-VC09	6,1	8	8	16	25	25	44,5	0,04	2	
	D4580-45-10.00A16-VC09	8,1	10	10	16	25	25	44,5	0,11	2	
	D4580-45-12.00A20-VC09	10,1	12	12	20	28	25	46,5	0,06	2	
	D4580-45-14.00A20-VC09	12,1	14	14	20	30	25	46,5	0,07	2	
	D4580-45-16.00A25-VC09	14,1	16	16	25	32	34	53	0,08	2	

Bodies and assembly parts are included in the scope of delivery

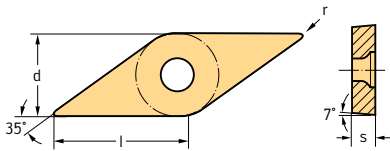
Assembly parts			D _{cmin} [mm]	4-14,1
	Cartridge			FK390
	Clamping screw for indexable insert Tightening torque			FS2111 (T7IP) 0,9 Nm
	Adjusting screw			FS2029 (SW 1,5)

Accessories			D _{cmin} [mm]	4-14,1
	Torx key			FS1490 (T7IP)
	Keys			ISO2936-1,5 (SW 1,5)

WALTER
SELECT

●● Primary application ● Other application
Best tool for → Good = 😊 → Average = 😐 → Poor = ☹️ machining conditions

Positive rhombic 35°
VCGX



Indexable inserts

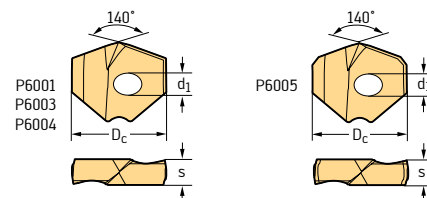
Designation	Number of cutting edges	l mm	r mm	s mm	d mm	P	M	K	S
						HC	HC	HC	HC
 VCGX0902ACFR	2	9	0,2	2,5	5,556	WXP30 WSP45G	WXP40 WSP45G	WXP30 WSP45G	WXP30 WSP45G

Ordering example for the grade WSP45G: VCGX0902ACFR WSP45G

HC = Coated carbide

Exchangeable tip

P6001 / P6003 / P6004 / P6005 / P6006



Interchangeable inserts

B1



Designation	Number of cutting edges	D _c mm	Seat size	d ₁ mm	s mm	P		M	K	N	S
						WPP25	WMP35	WPP45C	WMP35	WMP45C	WMP35
P6001-D12,00R	1	12	A	3	3,6						
P6001-D12,10R	1	12,1	A	3	3,6						
P6001-D12,20R	1	12,2	A	3	3,6						
P6001-D12,30R	1	12,3	A	3	3,6						
P6001-D12,40R	1	12,4	A	3	3,6						
P6001-D12,50R	1	12,5	A	3	3,6						
P6001-D12,60R	1	12,6	A	3	3,6						
P6001-D12,70R	1	12,7	A	3	3,6						
P6001-D12,80R	1	12,8	A	3	3,6						
P6001-D12,90R	1	12,9	A	3	3,6						
P6001-D13,00R	1	13	A	3	3,6						
P6001-D13,11R	1	13,11	A	3	3,6						
P6001-D13,20R	1	13,2	A	3	3,6						
P6001-D13,30R	1	13,3	A	3	3,6						
P6001-D13,40R	1	13,4	A	3	3,6						
P6001-D13,50R	1	13,5	A	3	3,6						
P6001-D13,60R	1	13,6	A	3	3,6						
P6001-D13,70R	1	13,7	A	3	3,6						
P6001-D13,80R	1	13,8	A	3	3,6						
P6001-D13,89R	1	13,89	A	3	3,6						
P6001-D14,00R	1	14	B	3	4						
P6001-D14,10R	1	14,1	B	3	4						
P6001-D14,20R	1	14,2	B	3	4						
P6001-D14,30R	1	14,3	B	3	4						
P6001-D14,40R	1	14,4	B	3	4						
P6001-D14,50R	1	14,5	B	3	4						
P6001-D14,60R	1	14,6	B	3	4						
P6001-D14,68R	1	14,68	B	3	4						
P6001-D14,80R	1	14,8	B	3	4						
P6001-D14,90R	1	14,9	B	3	4						
P6001-D15,00R	1	15	B	3	4						
P6001-D15,09R	1	15,09	B	3	4						
P6001-D15,20R	1	15,2	B	3	4						
P6001-D15,30R	1	15,3	B	3	4						
P6001-D15,47R	1	15,47	B	3	4						
P6001-D15,50R	1	15,5	B	3	4						
P6001-D15,60R	1	15,6	B	3	4						
P6001-D15,70R	1	15,7	B	3	4						
P6001-D15,80R	1	15,8	B	3	4						
P6001-D15,87R	1	15,87	B	3	4						
P6001-D16,00R	1	16	C	4	4,5						
P6001-D16,13R	1	16,13	C	4	4,5						
P6001-D16,26R	1	16,26	C	4	4,5						

Ordering example: P60.. -D13,00R is available as

HC = Coated carbide

P6006 in grade WPP25 (ISO P, unalloyed steel): P6006-D13,00R WPP25

P6003 in grade WMP35 (ISO P, ISO M and ISO S): P6003-D13,00R WMP35 or as

P6001 in grade WPP45C (ISO P): P6001-D13,00R WPP45C

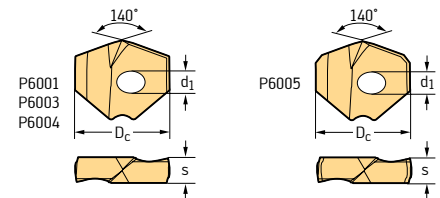
Ordering example for the grade WPP45C: P6001-D12,00R WPP45C

WALTER SELECT

Optimum indexable insert for → Good = ☺ → Average = ☹ → Poor = ☹ machining conditions

Exchangeable tip

P6001 / P6003 / P6004 / P6005 / P6006



Interchangeable inserts

	Designation	Number of cutting edges	D _c mm	Seat size	d ₁ mm	s mm	P		M	K	N	S
							WPP25	HC	WMP35	WPP45C	WMP35	WMP35
	P6001-D16,43R	1	16,43	C	4	4,5						
	P6001-D16,50R	1	16,5	C	4	4,5						
	P6001-D16,66R	1	16,66	C	4	4,5						
	P6001-D16,70R	1	16,7	C	4	4,5						
	P6001-D17,00R	1	17	C	4	4,5						
	P6001-D17,07R	1	17,07	C	4	4,5						
	P6001-D17,20R	1	17,2	C	4	4,5						
	P6001-D17,45R	1	17,45	C	4	4,5						
	P6001-D17,50R	1	17,5	C	4	4,5						
	P6001-D17,70R	1	17,7	C	4	4,5						
	P6001-D17,86R	1	17,86	C	4	4,5						
	P6001-D18,00R	1	18	D	4	5						
	P6001-D18,24R	1	18,24	D	4	5						
	P6001-D18,50R	1	18,5	D	4	5						
	P6001-D18,65R	1	18,65	D	4	5						
	P6001-D18,70R	1	18,7	D	4	5						
	P6001-D18,80R	1	18,8	D	4	5						
	P6001-D19,00R	1	19	D	4	5						
	P6001-D19,05R	1	19,05	D	4	5						
	P6001-D19,20R	1	19,2	D	4	5						
	P6001-D19,25R	1	19,25	D	4	5						
	P6001-D19,30R	1	19,3	D	4	5						
	P6001-D19,43R	1	19,43	D	4	5						
	P6001-D19,50R	1	19,5	D	4	5						
	P6001-D19,60R	1	19,6	D	4	5						
	P6001-D19,70R	1	19,7	D	4	5						
	P6001-D19,84R	1	19,84	D	4	5						
	P6001-D20,00R	1	20	E	5	5,5						
	P6001-D20,20R	1	20,2	E	5	5,5						
	P6001-D20,24R	1	20,24	E	5	5,5						
	P6001-D20,50R	1	20,5	E	5	5,5						
	P6001-D20,62R	1	20,62	E	5	5,5						
	P6001-D20,70R	1	20,7	E	5	5,5						
	P6001-D21,00R	1	21	E	5	5,5						
	P6001-D21,41R	1	21,41	E	5	5,5						
	P6001-D21,50R	1	21,5	E	5	5,5						
	P6001-D21,70R	1	21,7	E	5	5,5						
	P6001-D21,83R	1	21,83	E	5	5,5						
	P6001-D22,00R	1	22	F	5	6						
	P6001-D22,22R	1	22,22	F	5	6						
	P6001-D22,42R	1	22,42	F	5	6						
	P6001-D22,50R	1	22,5	F	5	6						
	P6001-D22,62R	1	22,62	F	5	6						

Ordering example: P60.. -D13.00R is available as

P6006 in grade WPP25 (ISO P, unalloyed steel): P6006-D13.00R WPP25

P6003 in grade WMP35 (ISO P, ISO M and ISO S): P6003-D13.00R WMP35 or as

P6001 in grade WPP45C (ISO P): P6001-D13.00R WPP45C

Ordering example for the grade WPP45C: P6001-D12.00R WPP45C

HC = Coated carbide

WALTER SELECT

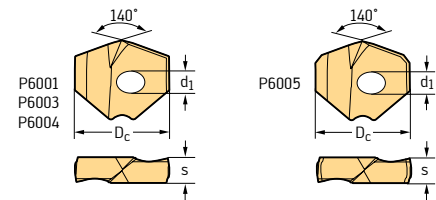
Optimum indexable insert for → Good = ☺ → Average = ☹ → Poor = ☹ machining conditions

☺ ☹ ☹ / ★ = New addition to the product range

Replaceable inserts B 199

Exchangeable tip

P6001 / P6003 / P6004 / P6005 / P6006



Interchangeable inserts

B1

Designation	Number of cutting edges	D _c mm	Seat size	d ₁ mm	s mm	P		M	K	N	S
						WPP25	WMP35	WPP45C	WMP35	WMP45C	WMP35
P6001-D22,70R	1	22,7	F	5	6						
P6001-D23,00R	1	23	F	5	6						
P6001-D23,39R	1	23,39	F	5	6						
P6001-D23,50R	1	23,5	F	5	6						
P6001-D23,70R	1	23,7	F	5	6						
P6001-D23,80R	1	23,8	F	5	6						
P6001-D24,00R	1	24	G	5	6,5						
P6001-D24,21R	1	24,21	G	5	6,5						
P6001-D24,50R	1	24,5	G	5	6,5						
P6001-D24,59R	1	24,59	G	5	6,5						
P6001-D24,70R	1	24,7	G	5	6,5						
P6001-D25,00R	1	25	G	5	6,5						
P6001-D25,25R	1	25,25	G	5	6,5						
P6001-D25,40R	1	25,4	G	5	6,5						
P6001-D25,50R	1	25,5	G	5	6,5						
P6001-D25,65R	1	25,65	G	5	6,5						
P6001-D25,70R	1	25,7	G	5	6,5						
P6001-D25,80R	1	25,8	G	5	6,5						
P6001-D26,00R	1	26	H	6	7,1						
P6001-D26,25R	1	26,25	H	6	7,1						
P6001-D26,50R	1	26,5	H	6	7,1						
P6001-D26,59R	1	26,59	H	6	7,1						
P6001-D27,00R	1	27	H	6	7,1						
P6001-D27,38R	1	27,38	H	6	7,1						
P6001-D27,50R	1	27,5	H	6	7,1						
P6001-D27,78R	1	27,78	H	6	7,1						
P6001-D28,00R	1	28	J	6	7,7						
P6001-D28,17R	1	28,17	J	6	7,7						
P6001-D28,50R	1	28,5	J	6	7,7						
P6001-D28,57R	1	28,57	J	6	7,7						
P6001-D29,00R	1	29	J	6	7,7						
P6001-D29,37R	1	29,37	J	6	7,7						
P6001-D29,50R	1	29,5	J	6	7,7						
P6001-D29,77R	1	29,77	J	6	7,7						
P6001-D30,00R	1	30	K	6	8						
P6001-D30,15R	1	30,15	K	6	8						
P6001-D30,50R	1	30,5	K	6	8						
P6001-D31,00R	1	31	K	6	8						
P6001-D31,50R	1	31,5	K	6	8						
P6001-D31,75R	1	31,75	K	6	8						
P6001-D31,99R	1	31,99	K	6	8						
P6001-D32,00R	1	32	M	6	8,3						
P6001-D32,10R	1	32,1	M	6	8,3						

Ordering example: P60.. -D13,00R is available as

P6006 in grade WPP25 (ISO P, unalloyed steel): P6006-D13,00R WPP25

P6003 in grade WMP35 (ISO P, ISO M and ISO S): P6003-D13,00R WMP35 or as

P6001 in grade WPP45C (ISO P): P6001-D13,00R WPP45C

Ordering example for the grade WPP45C: P6001-D12,00R WPP45C

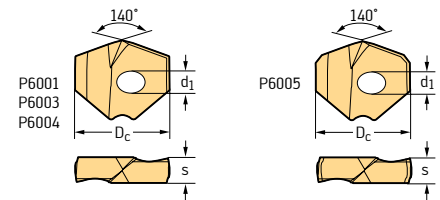
HC = Coated carbide

WALTER SELECT

Optimum indexable insert for → Good = ☺ → Average = ☹ → Poor = ☹ machining conditions

Exchangeable tip

P6001 / P6003 / P6004 / P6005 / P6006



Interchangeable inserts

	Designation	Number of cutting edges	D _c mm	Seat size	d ₁ mm	s mm	P			M	K	N	S
							WPP25	HC	WPP45C	HC	HC	HC	HC
								WMP35		WMP35	WKK45C	WNN25	WMP35
	P6001-D33,00R	1	33	M	6	8,3							
	P6001-D34,00R	1	34	N	6	8,6							
	P6001-D35,00R	1	35	N	6	8,6							
	P6001-D36,00R	1	36	P	6	8,9							
	P6001-D37,00R	1	37	P	6	8,9							
	P6001-D37,99R	1	37,99	P	6	8,9							
	P6003-D12,00R	1	12	A	3	3,6							
	P6003-D12,10R	1	12,1	A	3	3,6							
	P6003-D12,20R	1	12,2	A	3	3,6							
	P6003-D12,30R	1	12,3	A	3	3,6							
	P6003-D12,40R	1	12,4	A	3	3,6							
	P6003-D12,50R	1	12,5	A	3	3,6							
	P6003-D12,60R	1	12,6	A	3	3,6							
	P6003-D12,70R	1	12,7	A	3	3,6							
	P6003-D12,80R	1	12,8	A	3	3,6							
	P6003-D12,90R	1	12,9	A	3	3,6							
	P6003-D12,95R	1	12,95	A	3	3,6							
	P6003-D13,00R	1	13	A	3	3,6							
	P6003-D13,11R	1	13,11	A	3	3,6							
	P6003-D13,20R	1	13,2	A	3	3,6							
	P6003-D13,25R	1	13,25	A	3	3,6							
	P6003-D13,30R	1	13,3	A	3	3,6							
	P6003-D13,40R	1	13,4	A	3	3,6							
	P6003-D13,50R	1	13,5	A	3	3,6							
	P6003-D13,60R	1	13,6	A	3	3,6							
	P6003-D13,70R	1	13,7	A	3	3,6							
	P6003-D13,80R	1	13,8	A	3	3,6							
	P6003-D13,89R	1	13,89	A	3	3,6							
	P6003-D14,00R	1	14	B	3	4							
	P6003-D14,10R	1	14,1	B	3	4							
	P6003-D14,20R	1	14,2	B	3	4							
	P6003-D14,30R	1	14,3	B	3	4							
	P6003-D14,40R	1	14,4	B	3	4							
	P6003-D14,50R	1	14,5	B	3	4							
	P6003-D14,60R	1	14,6	B	3	4							
	P6003-D14,68R	1	14,68	B	3	4							
	P6003-D14,80R	1	14,8	B	3	4							
	P6003-D14,90R	1	14,9	B	3	4							
	P6003-D15,00R	1	15	B	3	4							
	P6003-D15,09R	1	15,09	B	3	4							
	P6003-D15,20R	1	15,2	B	3	4							
	P6003-D15,30R	1	15,3	B	3	4							
	P6003-D15,40R	1	15,4	B	3	4							

Ordering example: P60.. -D13,00R is available as

P6006 in grade WPP25 (ISO P, unalloyed steel): P6006-D13,00R WPP25

P6003 in grade WMP35 (ISO P, ISO M and ISO S): P6003-D13,00R WMP35 or as

P6001 in grade WPP45C (ISO P): P6001-D13,00R WPP45C

Ordering example for the grade WPP45C: P6001-D12,00R WPP45C

HC = Coated carbide

WALTER SELECT

Optimum indexable insert for → Good = ☺ → Average = ☹ → Poor = ☹ machining conditions

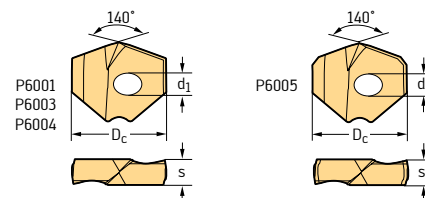
☺ ☹ ☹ / ★ = New addition to the product range

Replaceable inserts B 201

B1

Exchangeable tip

P6001 / P6003 / P6004 / P6005 / P6006



Interchangeable inserts

B1



Designation

Number of cutting
edges

D_c
mm

Seat size

d₁
mm

s
mm

P

M

K

N

S

HC

HC

HC

HC

HC

WPP25

WMP35

WPP45C

WMP35

WMP35

WMP35

WMP35

WMP35

P6003-D15,47R

1

15,47

B

3

4

HC

HC

HC

HC

HC

P6003-D15,50R

1

15,5

B

3

4

HC

HC

HC

HC

HC

P6003-D15,60R

1

15,6

B

3

4

HC

HC

HC

HC

HC

P6003-D15,70R

1

15,7

B

3

4

HC

HC

HC

HC

HC

P6003-D15,80R

1

15,8

B

3

4

HC

HC

HC

HC

HC

P6003-D15,87R

1

15,87

B

3

4

HC

HC

HC

HC

HC

P6003-D16,00R

1

16

C

4

4,5

HC

HC

HC

HC

HC

P6003-D16,13R

1

16,13

C

4

4,5

HC

HC

HC

HC

HC

P6003-D16,26R

1

16,26

C

4

4,5

HC

HC

HC

HC

HC

P6003-D16,43R

1

16,43

C

4

4,5

HC

HC

HC

HC

HC

P6003-D16,50R

1

16,5

C

4

4,5

HC

HC

HC

HC

HC

P6003-D16,66R

1

16,66

C

4

4,5

HC

HC

HC

HC

HC

P6003-D16,70R

1

16,7

C

4

4,5

HC

HC

HC

HC

HC

P6003-D17,00R

1

17

C

4

4,5

HC

HC

HC

HC

HC

P6003-D17,07R

1

17,07

C

4

4,5

HC

HC

HC

HC

HC

P6003-D17,20R

1

17,2

C

4

4,5

HC

HC

HC

HC

HC

P6003-D17,45R

1

17,45

C

4

4,5

HC

HC

HC

HC

HC

P6003-D17,50R

1

17,5

C

4

4,5

HC

HC

HC

HC

HC

P6003-D17,70R

1

17,7

C

4

4,5

HC

HC

HC

HC

HC

P6003-D17,86R

1

17,86

C

4

4,5

HC

HC

HC

HC

HC

P6003-D18,00R

1

18

D

4

5

HC

HC

HC

HC

HC

P6003-D18,24R

1

18,24

D

4

5

HC

HC

HC

HC

HC

P6003-D18,50R

1

18,5

D

4

5

HC

HC

HC

HC

HC

P6003-D18,65R

1

18,65

D

4

5

HC

HC

HC

HC

HC

P6003-D18,70R

1

18,7

D

4

5

HC

HC

HC

HC

HC

P6003-D18,80R

1

18,8

D

4

5

HC

HC

HC

HC

HC

P6003-D19,00R

1

19

D

4

5

HC

HC

HC

HC

HC

P6003-D19,05R

1

19,05

D

4

5

HC

HC

HC

HC

HC

P6003-D19,20R

1

19,2

D

4

5

HC

HC

HC

HC

HC

P6003-D19,25R

1

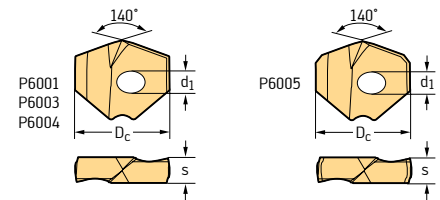
19,25

D

4

Exchangeable tip

P6001 / P6003 / P6004 / P6005 / P6006



Interchangeable inserts

Designation	Number of cutting edges	D _c mm	Seat size	d ₁ mm	s mm	P					M					K					N					S				
						HC					HC					HC					HC					HC				
						WPP25	WMP35	WPP45C	WMP35	WMP35	WMP35	WMP35	WMP35	WMP35	WMP35	WMP35	WMP35	WMP35	WMP35	WMP35	WMP35	WMP35	WMP35	WMP35	WMP35	WMP35	WMP35	WMP35	WMP35	WMP35
	P6003-D21,41R	1	21,41	E	5	5,5	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹
	P6003-D21,50R	1	21,5	E	5	5,5	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹
	P6003-D21,70R	1	21,7	E	5	5,5	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹
	P6003-D21,83R	1	21,83	E	5	5,5	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹
	P6003-D22,00R	1	22	F	5	6	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹
	P6003-D22,22R	1	22,22	F	5	6	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹
	P6003-D22,42R	1	22,42	F	5	6	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹
	P6003-D22,47R	1	22,47	F	5	6	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹
	P6003-D22,50R	1	22,5	F	5	6	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹
	P6003-D22,62R	1	22,62	F	5	6	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹
	P6003-D22,70R	1	22,7	F	5	6	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹
	P6003-D22,77R	1	22,77	F	5	6	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹
	P6003-D23,00R	1	23	F	5	6	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹
	P6003-D23,39R	1	23,39	F	5	6	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹
	P6003-D23,50R	1	23,5	F	5	6	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹
	P6003-D23,70R	1	23,7	F	5	6	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹
	P6003-D23,80R	1	23,8	F	5	6	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹
	P6003-D24,00R	1	24	G	5	6,5	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹
	P6003-D24,21R	1	24,21	G	5	6,5	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹
	P6003-D24,50R	1	24,5	G	5	6,5	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹
	P6003-D24,59R	1	24,59	G	5	6,5	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹
	P6003-D24,70R	1	24,7	G	5	6,5	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹
	P6003-D25,00R	1	25	G	5	6,5	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹
	P6003-D25,25R	1	25,25	G	5	6,5	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹
	P6003-D25,40R	1	25,4	G	5	6,5	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹
	P6003-D25,50R	1	25,5	G	5	6,5	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹
	P6003-D25,65R	1	25,65	G	5	6,5	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹
	P6003-D25,70R	1	25,7	G	5	6,5	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹
	P6003-D25,80R	1	25,8	G	5	6,5	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹
	P6003-D26,00R	1	26	H	6	7,1	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹
	P6003-D26,25R	1	26,25	H	6	7,1	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹
	P6003-D26,50R	1	26,5	H	6	7,1	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹
	P6003-D26,59R	1	26,59	H	6	7,1	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹
	P6003-D27,00R	1	27	H	6	7,1	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹
	P6003-D27,38R	1	27,38	H	6	7,1	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹
	P6003-D27,50R	1	27,5	H	6	7,1	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹
	P6003-D27,78R	1	27,78	H	6	7,1	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹
	P6003-D28,00R	1	28	J	6	7,7	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹
	P6003-D28,17R	1	28,17	J	6	7,7	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹
	P6003-D28,50R	1	28,5	J	6	7,7	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹
	P6003-D28,57R	1	28,57	J	6	7,7	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹
	P6003-D29,00R	1	29	J	6	7,7	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹
	P6003-D29,37R	1	29,37	J	6	7,7	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹

Ordering example: P60.. -D13.00R is available as

P6006 in grade WPP25 (ISO P, unalloyed steel): P6006-D13.00R WPP25

P6003 in grade WMP35 (ISO P, ISO M and ISO S): P6003-D13.00R WMP35 or as

P6001 in grade WPP45C (ISO P): P6001-D13.00R WPP45C

Ordering example for the grade WPP45C: P6001-D12.00R WPP45C

HC = Coated carbide

WALTER SELECT

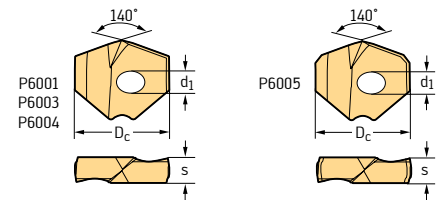
Optimum indexable insert for → Good = ☺ → Average = ☹ → Poor = ☹ machining conditions

☺ ☹ ☹ / * = New addition to the product range

Replaceable inserts B 203

Exchangeable tip

P6001 / P6003 / P6004 / P6005 / P6006



Interchangeable inserts

B1

	Designation	Number of cutting edges	D _c mm	Seat size	d ₁ mm	s mm	P		M	K	N	S
							WPP25	HC	WMP35	HC	HC	HC
	P6003-D29,50R	1	29,5	J	6	7,7	☒	☒	☒	☒	☒	☒
	P6003-D29,77R	1	29,77	J	6	7,7	☒	☒	☒	☒	☒	☒
	P6003-D30,00R	1	30	K	6	8	☒	☒	☒	☒	☒	☒
	P6003-D30,15R	1	30,15	K	6	8	☒	☒	☒	☒	☒	☒
	P6003-D30,50R	1	30,5	K	6	8	☒	☒	☒	☒	☒	☒
	P6003-D31,00R	1	31	K	6	8	☒	☒	☒	☒	☒	☒
	P6003-D31,50R	1	31,5	K	6	8	☒	☒	☒	☒	☒	☒
	P6003-D31,75R	1	31,75	K	6	8	☒	☒	☒	☒	☒	☒
	P6003-D31,99R	1	31,99	K	6	8	☒	☒	☒	☒	☒	☒
	P6003-D32,00R	1	32	M	6	8,3	☒	☒	☒	☒	☒	☒
	P6003-D32,10R	1	32,1	M	6	8,3	☒	☒	☒	☒	☒	☒
	P6003-D33,00R	1	33	M	6	8,3	☒	☒	☒	☒	☒	☒
	P6003-D34,00R	1	34	N	6	8,6	☒	☒	☒	☒	☒	☒
	P6003-D35,00R	1	35	N	6	8,6	☒	☒	☒	☒	☒	☒
	P6003-D36,00R	1	36	P	6	8,9	☒	☒	☒	☒	☒	☒
	P6004-D12,00R	1	12	A	3	3,6	☒	☒	☒	☒	☒	☒
	P6004-D12,50R	1	12,5	A	3	3,6	☒	☒	☒	☒	☒	☒
	P6004-D13,00R	1	13	A	3	3,6	☒	☒	☒	☒	☒	☒
	P6004-D13,50R	1	13,5	A	3	3,6	☒	☒	☒	☒	☒	☒
	P6004-D14,00R	1	14	B	3	4	☒	☒	☒	☒	☒	☒
	P6004-D14,50R	1	14,5	B	3	4	☒	☒	☒	☒	☒	☒
	P6004-D14,80R	1	14,8	B	3	4	☒	☒	☒	☒	☒	☒
	P6004-D15,00R	1	15	B	3	4	☒	☒	☒	☒	☒	☒
	P6004-D15,50R	1	15,5	B	3	4	☒	☒	☒	☒	☒	☒
	P6004-D16,00R	1	16	C	4	4,5	☒	☒	☒	☒	☒	☒
	P6004-D16,50R	1	16,5	C	4	4,5	☒	☒	☒	☒	☒	☒
	P6004-D16,66R	1	16,66	C	4	4,5	☒	☒	☒	☒	☒	☒
	P6004-D17,00R	1	17	C	4	4,5	☒	☒	☒	☒	☒	☒
	P6004-D17,50R	1	17,5	C	4	4,5	☒	☒	☒	☒	☒	☒
	P6004-D17,70R	1	17,7	C	4	4,5	☒	☒	☒	☒	☒	☒
	P6004-D18,00R	1	18	D	4	5	☒	☒	☒	☒	☒	☒
	P6004-D18,50R	1	18,5	D	4	5	☒	☒	☒	☒	☒	☒
	P6004-D18,65R	1	18,65	D	4	5	☒	☒	☒	☒	☒	☒
	P6004-D19,00R	1	19	D	4	5	☒	☒	☒	☒	☒	☒
	P6004-D19,50R	1	19,5	D	4	5	☒	☒	☒	☒	☒	☒
	P6004-D19,70R	1	19,7	D	4	5	☒	☒	☒	☒	☒	☒
	P6004-D19,84R	1	19,84	D	4	5	☒	☒	☒	☒	☒	☒
	P6004-D20,00R	1	20	E	5	5,5	☒	☒	☒	☒	☒	☒
	P6004-D20,50R	1	20,5	E	5	5,5	☒	☒	☒	☒	☒	☒
	P6004-D21,00R	1	21	E	5	5,5	☒	☒	☒	☒	☒	☒
	P6004-D21,50R	1	21,5	E	5	5,5	☒	☒	☒	☒	☒	☒

Ordering example: P60.. -D13.00R is available as

HC = Coated carbide

P6006 in grade WPP25 (ISO P, unalloyed steel): P6006-D13.00R WPP25

P6003 in grade WMP35 (ISO P, ISO M and ISO S): P6003-D13.00R WMP35 or as

P6001 in grade WPP45C (ISO P): P6001-D13.00R WPP45C

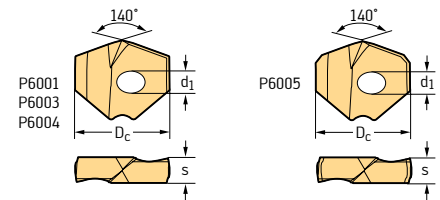
Ordering example for the grade WPP45C: P6001-D12.00R WPP45C

WALTER SELECT

Optimum indexable insert for → Good = ☺ → Average = ☹ → Poor = ☹ machining conditions

Exchangeable tip

P6001 / P6003 / P6004 / P6005 / P6006



Interchangeable inserts

	Designation	Number of cutting edges	D _c mm	Seat size	d ₁ mm	s mm	P			M		K		N		S	
							WPP25	HC	WMP35	WPP45C	HC	HC	HC	HC	HC	HC	HC
	P6004-D21,70R	1	21,7	E	5	5,5											
	P6004-D22,00R	1	22	F	5	6											
	P6004-D22,50R	1	22,5	F	5	6											
	P6004-D23,00R	1	23	F	5	6											
	P6004-D23,50R	1	23,5	F	5	6											
	P6004-D24,00R	1	24	G	5	6,5											
	P6004-D24,50R	1	24,5	G	5	6,5											
	P6004-D25,00R	1	25	G	5	6,5											
	P6004-D25,50R	1	25,5	G	5	6,5											
	P6004-D26,00R	1	26	H	6	7,1											
	P6004-D26,50R	1	26,5	H	6	7,1											
	P6004-D27,00R	1	27	H	6	7,1											
	P6004-D27,50R	1	27,5	H	6	7,1											
	P6004-D28,00R	1	28	J	6	7,7											
	P6004-D28,50R	1	28,5	J	6	7,7											
	P6004-D29,00R	1	29	J	6	7,7											
	P6004-D29,50R	1	29,5	J	6	7,7											
	P6004-D30,00R	1	30	K	6	8											
	P6004-D30,50R	1	30,5	K	6	8											
	P6004-D31,00R	1	31	K	6	8											
	P6004-D31,50R	1	31,5	K	6	8											
	P6005-D12,00R	1	12	A	3	3,6											
	P6005-D12,10R	1	12,1	A	3	3,6											
	P6005-D12,20R	1	12,2	A	3	3,6											
	P6005-D12,30R	1	12,3	A	3	3,6											
	P6005-D12,40R	1	12,4	A	3	3,6											
	P6005-D12,50R	1	12,5	A	3	3,6											
	P6005-D12,60R	1	12,6	A	3	3,6											
	P6005-D12,70R	1	12,7	A	3	3,6											
	P6005-D12,80R	1	12,8	A	3	3,6											
	P6005-D12,90R	1	12,9	A	3	3,6											
	P6005-D12,95R	1	12,95	A	3	3,6											
	P6005-D13,00R	1	13	A	3	3,6											
	P6005-D13,10R	1	13,1	A	3	3,6											
	P6005-D13,20R	1	13,2	A	3	3,6											
	P6005-D13,25R	1	13,25	A	3	3,6											
	P6005-D13,30R	1	13,3	A	3	3,6											
	P6005-D13,40R	1	13,4	A	3	3,6											
	P6005-D13,49R	1	13,49	A	3	3,6											
	P6005-D13,50R	1	13,5	A	3	3,6											
	P6005-D13,60R	1	13,6	A	3	3,6											
	P6005-D13,70R	1	13,7	A	3	3,6											
	P6005-D13,80R	1	13,8	A	3	3,6											

Ordering example: P60.. -D13.00R is available as

HC = Coated carbide

P6006 in grade WPP25 (ISO P, unalloyed steel): P6006-D13.00R WPP25

P6003 in grade WMP35 (ISO P, ISO M and ISO S): P6003-D13.00R WMP35 or as

P6001 in grade WPP45C (ISO P): P6001-D13.00R WPP45C

Ordering example for the grade WPP45C: P6001-D12.00R WPP45C

WALTER SELECT

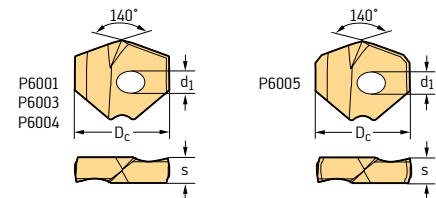
Optimum indexable insert for → Good = ☺ → Average = ☹ → Poor = ☹ machining conditions

☺ ☹ ☹ / ★ = New addition to the product range

Replaceable inserts B 205

Exchangeable tip

P6001 / P6003 / P6004 / P6005 / P6006



Interchangeable inserts

B1

Designation	Number of cutting edges	D _c mm	Seat size	d ₁ mm	s mm	P			M	K	N	S
						WPP25	WMP35	WPP45C	WMP35	WKK45C	WNN25	WMP35
P6005-D13,90R	1	13,9	A	3	3,6							
P6005-D14,00R	1	14	B	3	4							
P6005-D14,10R	1	14,1	B	3	4							
P6005-D14,20R	1	14,2	B	3	4							
P6005-D14,29R	1	14,29	B	3	4							
P6005-D14,30R	1	14,3	B	3	4							
P6005-D14,40R	1	14,4	B	3	4							
P6005-D14,50R	1	14,5	B	3	4							
P6005-D14,60R	1	14,6	B	3	4							
P6005-D14,68R	1	14,68	B	3	4							
P6005-D14,70R	1	14,7	B	3	4							
P6005-D14,80R	1	14,8	B	3	4							
P6005-D14,90R	1	14,9	B	3	4							
P6005-D15,00R	1	15	B	3	4							
P6005-D15,08R	1	15,08	B	3	4							
P6005-D15,09R	1	15,09	B	3	4							
P6005-D15,10R	1	15,1	B	3	4							
P6005-D15,20R	1	15,2	B	3	4							
P6005-D15,30R	1	15,3	B	3	4							
P6005-D15,40R	1	15,4	B	3	4							
P6005-D15,50R	1	15,5	B	3	4							
P6005-D15,60R	1	15,6	B	3	4							
P6005-D15,70R	1	15,7	B	3	4							
P6005-D15,80R	1	15,8	B	3	4							
P6005-D15,88R	1	15,88	B	3	4							
P6005-D15,90R	1	15,9	B	3	4							
P6005-D16,00R	1	16	C	4	4,5							
P6005-D16,13R	1	16,13	C	4	4,5							
P6005-D16,26R	1	16,26	C	4	4,5							
P6005-D16,27R	1	16,27	C	4	4,5							
P6005-D16,43R	1	16,43	C	4	4,5							
P6005-D16,50R	1	16,5	C	4	4,5							
P6005-D16,66R	1	16,66	C	4	4,5							
P6005-D16,67R	1	16,67	C	4	4,5							
P6005-D16,70R	1	16,7	C	4	4,5							
P6005-D16,80R	1	16,8	C	4	4,5							
P6005-D17,00R	1	17	C	4	4,5							
P6005-D17,07R	1	17,07	C	4	4,5							
P6005-D17,20R	1	17,2	C	4	4,5							
P6005-D17,45R	1	17,45	C	4	4,5							
P6005-D17,50R	1	17,5	C	4	4,5							
P6005-D17,70R	1	17,7	C	4	4,5							
P6005-D17,80R	1	17,8	C	4	4,5							

Ordering example: P60.. -D13,00R is available as

HC = Coated carbide

P6006 in grade WPP25 (ISO P, unalloyed steel): P6006-D13,00R WPP25

P6003 in grade WMP35 (ISO P, ISO M and ISO S): P6003-D13,00R WMP35 or as

P6001 in grade WPP45C (ISO P): P6001-D13,00R WPP45C

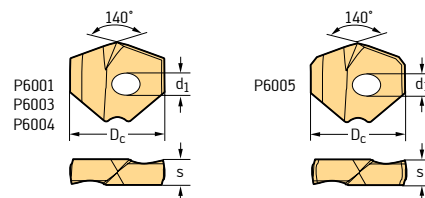
Ordering example for the grade WPP45C: P6001-D12,00R WPP45C

WALTER SELECT

Optimum indexable insert for → Good = ☺ → Average = ☹ → Poor = ☹ machining conditions

Exchangeable tip

P6001 / P6003 / P6004 / P6005 / P6006



Interchangeable inserts

	Designation	Number of cutting edges	D _c mm	Seat size	d ₁ mm	s mm	P			M		K		N		S	
							WPP25	HC	WMP35	WPP45C	HC	HC	HC	HC	HC	HC	HC
	P6005-D17,86R	1	17,86	C	4	4,5											
	P6005-D18,00R	1	18	D	4	5											
	P6005-D18,24R	1	18,24	D	4	5											
	P6005-D18,26R	1	18,26	D	4	5											
	P6005-D18,50R	1	18,5	D	4	5											
	P6005-D18,65R	1	18,65	D	4	5											
	P6005-D18,70R	1	18,7	D	4	5											
	P6005-D18,80R	1	18,8	D	4	5											
	P6005-D19,00R	1	19	D	4	5											
	P6005-D19,05R	1	19,05	D	4	5											
	P6005-D19,20R	1	19,2	D	4	5											
	P6005-D19,25R	1	19,25	D	4	5											
	P6005-D19,30R	1	19,3	D	4	5											
	P6005-D19,35R	1	19,35	D	4	5											
	P6005-D19,43R	1	19,43	D	4	5											
	P6005-D19,50R	1	19,5	D	4	5											
	P6005-D19,60R	1	19,6	D	4	5											
	P6005-D19,70R	1	19,7	D	4	5											
	P6005-D19,80R	1	19,8	D	4	5											
	P6005-D19,84R	1	19,84	D	4	5											
	P6005-D20,00R	1	20	E	5	5,5											
	P6005-D20,20R	1	20,2	E	5	5,5											
	P6005-D20,24R	1	20,24	E	5	5,5											
	P6005-D20,50R	1	20,5	E	5	5,5											
	P6005-D20,62R	1	20,62	E	5	5,5											
	P6005-D20,70R	1	20,7	E	5	5,5											
	P6005-D21,00R	1	21	E	5	5,5											
	P6005-D21,12R	1	21,12	E	5	5,5											
	P6005-D21,41R	1	21,41	E	5	5,5											
	P6005-D21,43R	1	21,43	E	5	5,5											
	P6005-D21,50R	1	21,5	E	5	5,5											
	P6005-D21,70R	1	21,7	E	5	5,5											
	P6005-D21,83R	1	21,83	E	5	5,5											
	P6005-D22,00R	1	22	F	5	6											
	P6005-D22,22R	1	22,22	F	5	6											
	P6005-D22,23R	1	22,23	F	5	6											
	P6005-D22,42R	1	22,42	F	5	6											
	P6005-D22,50R	1	22,5	F	5	6											
	P6005-D22,70R	1	22,7	F	5	6											
	P6005-D22,77R	1	22,77	F	5	6											
	P6005-D23,00R	1	23	F	5	6											
	P6005-D23,02R	1	23,02	F	5	6											
	P6005-D23,39R	1	23,39	F	5	6											

Ordering example: P60.. -D13.00R is available as

HC = Coated carbide

P6006 in grade WPP25 (ISO P, unalloyed steel): P6006-D13.00R WPP25

P6003 in grade WMP35 (ISO P, ISO M and ISO S): P6003-D13.00R WMP35 or as

P6001 in grade WPP45C (ISO P): P6001-D13.00R WPP45C

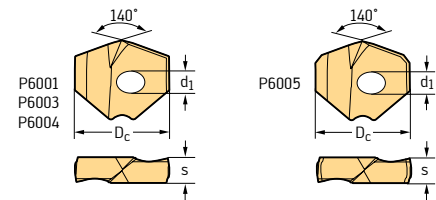
Ordering example for the grade WPP45C: P6001-D12.00R WPP45C

WALTER SELECT

Optimum indexable insert for → Good = ☺ → Average = ☹ → Poor = ☹ machining conditions

Exchangeable tip

P6001 / P6003 / P6004 / P6005 / P6006



Interchangeable inserts

B1

	Designation	Number of cutting edges	D _c mm	Seat size	d ₁ mm	s mm	P			M	K	N	S
							WPP25	WMP35	WPP45C	WMP35	WKK45C	WNN25	WMP35
	P6005-D23,50R	1	23,5	F	5	6							
	P6005-D23,70R	1	23,7	F	5	6							
	P6005-D23,80R	1	23,8	F	5	6							
	P6005-D23,81R	1	23,81	F	5	6							
	P6005-D24,00R	1	24	G	5	6,5							
	P6005-D24,21R	1	24,21	G	5	6,5							
	P6005-D24,50R	1	24,5	G	5	6,5							
	P6005-D24,59R	1	24,59	G	5	6,5							
	P6005-D24,61R	1	24,61	G	5	6,5							
	P6005-D24,70R	1	24,7	G	5	6,5							
	P6005-D25,00R	1	25	G	5	6,5							
	P6005-D25,25R	1	25,25	G	5	6,5							
	P6005-D25,40R	1	25,4	G	5	6,5							
	P6005-D25,50R	1	25,5	G	5	6,5							
	P6005-D25,70R	1	25,7	G	5	6,5							
	P6005-D25,80R	1	25,8	G	5	6,5							
	P6005-D26,00R	1	26	H	6	7,1							
	P6005-D26,25R	1	26,25	H	6	7,1							
	P6005-D26,50R	1	26,5	H	6	7,1							
	P6005-D26,59R	1	26,59	H	6	7,1							
	P6005-D27,00R	1	27	H	6	7,1							
	P6005-D27,50R	1	27,5	H	6	7,1							
	P6005-D27,78R	1	27,78	H	6	7,1							
	P6005-D28,00R	1	28	J	6	7,7							
	P6005-D28,17R	1	28,17	J	6	7,7							
	P6005-D28,50R	1	28,5	J	6	7,7							
	P6005-D28,57R	1	28,57	J	6	7,7							
	P6005-D29,00R	1	29	J	6	7,7							
	P6005-D29,50R	1	29,5	J	6	7,7							
	P6005-D29,77R	1	29,77	J	6	7,7							
	P6005-D30,00R	1	30	K	6	8							
	P6005-D30,15R	1	30,15	K	6	8							
	P6005-D30,50R	1	30,5	K	6	8							
	P6005-D31,00R	1	31	K	6	8							
	P6005-D31,50R	1	31,5	K	6	8							
	P6005-D31,75R	1	31,75	K	6	8							
	P6005-D31,99R	1	31,99	K	6	8							
	P6005-D32,00R	1	32	M	6	8,3							
	P6005-D32,10R	1	32,1	M	6	8,3							
	P6005-D33,00R	1	33	M	6	8,3							
	P6005-D34,00R	1	34	N	6	8,6							
	P6005-D35,00R	1	35	N	6	8,6							
	P6005-D36,00R	1	36	P	6	8,9							

Ordering example: P60.. -D13.00R is available as

HC = Coated carbide

P6006 in grade WPP25 (ISO P, unalloyed steel): P6006-D13.00R WPP25

P6003 in grade WMP35 (ISO P, ISO M and ISO S): P6003-D13.00R WMP35 or as

P6001 in grade WPP45C (ISO P): P6001-D13.00R WPP45C

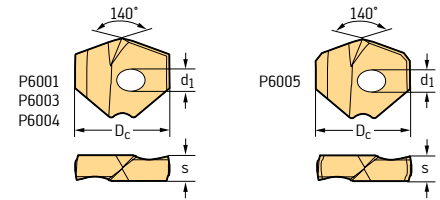
Ordering example for the grade WPP45C: P6001-D12.00R WPP45C

WALTER SELECT

Optimum indexable insert for → Good = ☺ → Average = ☹ → Poor = ☹ machining conditions

Exchangeable tip

P6001 / P6003 / P6004 / P6005 / P6006



Interchangeable inserts

	Designation	Number of cutting edges	D _c mm	Seat size	d ₁ mm	s mm	P	M	K	N	S
							WPP25	WMP35	WPP45C	WMP35	WMP35
	P6005-D37,00R	1	37	P	6	8,9					
	P6005-D37,99R	1	37,99	P	6	8,9					

Ordering example: P60.. -D13.00R is available as

P6006 in grade WPP25 (ISO P, unalloyed steel): P6006-D13,00R WPP25

P6003 in grade WMP35 (ISO P, ISO M and ISO S): P6003-D13,00R WMP35 or as

P6001 in grade WPP45C (ISO P): P6001-D13,00R WPP45C

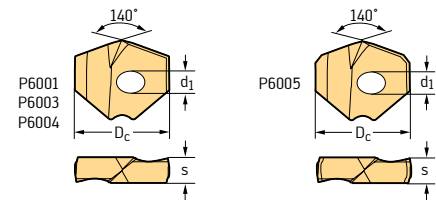
Ordering example for the grade WPP45C: P6001-D12,00R WPP45C

HC = Coated carbide

B1

Exchangeable tip

P6001 / P6003 / P6004 / P6005 / P6006



Interchangeable inserts

B1

Designation	Number of cutting edges	D _c mm	Seat size	d ₁ mm	s mm	P		M		K		N		S	
						WPP25	WMP35	WPP45C	WMP35	WKK45C	WNN25	WMP35	WMP35	WMP35	WMP35
P6006-D12,00R	1	12	A	3,4	3,6	☺									
P6006-D12,10R	1	12,1	A	3,4	3,6	☺									
P6006-D12,20R	1	12,2	A	3,4	3,6	☺									
P6006-D12,30R	1	12,3	A	3,4	3,6	☺									
P6006-D12,40R	1	12,4	A	3,4	3,6	☺									
P6006-D12,50R	1	12,5	A	3,4	3,6	☺									
P6006-D12,60R	1	12,6	A	3,4	3,6	☺									
P6006-D12,70R	1	12,7	A	3,4	3,6	☺									
P6006-D12,80R	1	12,8	A	3,4	3,6	☺									
P6006-D12,90R	1	12,9	A	3,4	3,6	☺									
P6006-D12,95R	1	12,95	A	3,4	3,6	☺									
P6006-D13,00R	1	13	A	3,4	3,6	☺									
P6006-D13,11R	1	13,11	A	3,4	3,6	☺									
P6006-D13,20R	1	13,2	A	3,4	3,6	☺									
P6006-D13,25R	1	13,25	A	3,4	3,6	☺									
P6006-D13,30R	1	13,3	A	3,4	3,6	☺									
P6006-D13,35R	1	13,35	A	3,4	3,6	☺									
P6006-D13,40R	1	13,4	A	3,4	3,6	☺									
P6006-D13,45R	1	13,45	A	3,4	3,6	☺									
P6006-D13,50R	1	13,5	A	3,4	3,6	☺									
P6006-D13,60R	1	13,6	A	3,4	3,6	☺									
P6006-D13,70R	1	13,7	A	3,4	3,6	☺									
P6006-D13,80R	1	13,8	A	3,4	3,6	☺									
P6006-D13,89R	1	13,89	A	3,4	3,6	☺									
P6006-D14,00R	1	14	B	3,4	4	☺									
P6006-D14,10R	1	14,1	B	3,4	4	☺									
P6006-D14,20R	1	14,2	B	3,4	4	☺									
P6006-D14,30R	1	14,3	B	3,4	4	☺									
P6006-D14,40R	1	14,4	B	3,4	4	☺									
P6006-D14,50R	1	14,5	B	3,4	4	☺									
P6006-D14,60R	1	14,6	B	3,4	4	☺									
P6006-D14,68R	1	14,68	B	3,4	4	☺									
P6006-D14,80R	1	14,8	B	3,4	4	☺									
P6006-D14,90R	1	14,9	B	3,4	4	☺									
P6006-D15,00R	1	15	B	3,4	4	☺									
P6006-D15,09R	1	15,09	B	3,4	4	☺									
P6006-D15,20R	1	15,2	B	3,4	4	☺									
P6006-D15,30R	1	15,3	B	3,4	4	☺									
P6006-D15,35R	1	15,35	B	3,4	4	☺									
P6006-D15,40R	1	15,4	B	3,4	4	☺									
P6006-D15,47R	1	15,47	B	3,4	4	☺									

Ordering example: P60.. -D13.00R is available as
P6006 in grade WPP25 (ISO P, unalloyed steel): P6006-D13.00R WPP25
P6003 in grade WMP35 (ISO P, ISO M and ISO S): P6003-D13.00R WMP35 or as
P6001 in grade WPP45C (ISO P): P6001-D13.00R WPP45C
Ordering example for the grade WPP45C: P6001-D12.00R WPP45C

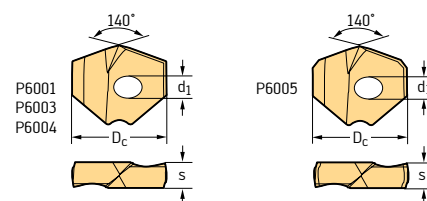
HC = Coated carbide

WALTER SELECT

Optimum indexable insert for → Good = ☺ → Average = ☹ → Poor = ☹ machining conditions

Exchangeable tip

P6001 / P6003 / P6004 / P6005 / P6006



Interchangeable inserts

	Designation	Number of cutting edges	D _c mm	Seat size	d ₁ mm	s mm	P			M	K	N	S
							HC	HC	HC				
	P6006-D15,50R	1	15,5	B	3,4	4							
	P6006-D15,60R	1	15,6	B	3,4	4							
	P6006-D15,70R	1	15,7	B	3,4	4							
	P6006-D15,80R	1	15,8	B	3,4	4							
	P6006-D15,87R	1	15,87	B	3,4	4							
	P6006-D16,00R	1	16	C	4,4	4,5							
	P6006-D16,13R	1	16,13	C	4,4	4,5							
	P6006-D16,26R	1	16,26	C	4,4	4,5							
	P6006-D16,43R	1	16,43	C	4,4	4,5							
	P6006-D16,50R	1	16,5	C	4,4	4,5							
	P6006-D16,66R	1	16,66	C	4,4	4,5							
	P6006-D16,70R	1	16,7	C	4,4	4,5							
	P6006-D16,85R	1	16,85	C	4,4	4,5							
	P6006-D17,00R	1	17	C	4,4	4,5							
	P6006-D17,07R	1	17,07	C	4,4	4,5							
	P6006-D17,20R	1	17,2	C	4,4	4,5							
	P6006-D17,35R	1	17,35	C	4,4	4,5							
	P6006-D17,45R	1	17,45	C	4,4	4,5							
	P6006-D17,50R	1	17,5	C	4,4	4,5							
	P6006-D17,60R	1	17,6	C	4,4	4,5							
	P6006-D17,70R	1	17,7	C	4,4	4,5							
	P6006-D17,86R	1	17,86	C	4,4	4,5							
	P6006-D18,00R	1	18	D	4,4	5							
	P6006-D18,24R	1	18,24	D	4,4	5							
	P6006-D18,50R	1	18,5	D	4,4	5							
	P6006-D18,65R	1	18,65	D	4,4	5							
	P6006-D18,70R	1	18,7	D	4,4	5							
	P6006-D18,80R	1	18,8	D	4,4	5							
	P6006-D19,00R	1	19	D	4,4	5							
	P6006-D19,05R	1	19,05	D	4,4	5							
	P6006-D19,10R	1	19,1	D	4,4	5							
	P6006-D19,20R	1	19,2	D	4,4	5							
	P6006-D19,25R	1	19,25	D	4,4	5							
	P6006-D19,30R	1	19,3	D	4,4	5							
	P6006-D19,35R	1	19,35	D	4,4	5							
	P6006-D19,43R	1	19,43	D	4,4	5							
	P6006-D19,50R	1	19,5	D	4,4	5							
	P6006-D19,60R	1	19,6	D	4,4	5							
	P6006-D19,70R	1	19,7	D	4,4	5							
	P6006-D19,84R	1	19,84	D	4,4	5							
	P6006-D20,00R	1	20	E	5,4	5,5							
	P6006-D20,20R	1	20,2	E	5,4	5,5							
	P6006-D20,24R	1	20,24	E	5,4	5,5							

Ordering example: P60.. -D13.00R is available as

P6006 in grade WPP25 (ISO P, unalloyed steel): P6006-D13.00R WPP25

P6003 in grade WMP35 (ISO P, ISO M and ISO S): P6003-D13.00R WMP35 or as

P6001 in grade WPP45C (ISO P): P6001-D13.00R WPP45C

Ordering example for the grade WPP45C: P6001-D12.00R WPP45C

HC = Coated carbide

WALTER SELECT

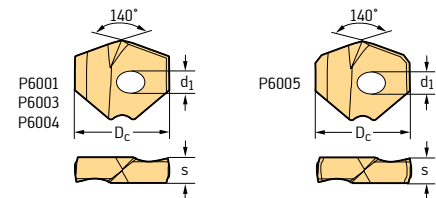
Optimum indexable insert for → Good = ☺ → Average = ☹ → Poor = ☹ machining conditions

☺ ☹ ☹ / ★ = New addition to the product range

Replaceable inserts B 211

Exchangeable tip

P6001 / P6003 / P6004 / P6005 / P6006



Interchangeable inserts

B1

Designation	Number of cutting edges	D _c mm	Seat size	d ₁ mm	s mm	P		M		K		N		S	
						WPP25	WMP35	WPP45C	WMP35	WMP45C	WMP35	WMP45C	WMP35	WMP45C	WMP35
P6006-D20,50R	1	20,5	E	5,4	5,5	☺									
P6006-D20,62R	1	20,62	E	5,4	5,5	☺									
P6006-D20,70R	1	20,7	E	5,4	5,5	☺									
P6006-D20,85R	1	20,85	E	5,4	5,5	☺									
P6006-D21,00R	1	21	E	5,4	5,5	☺									
P6006-D21,41R	1	21,41	E	5,4	5,5	☺									
P6006-D21,50R	1	21,5	E	5,4	5,5	☺									
P6006-D21,70R	1	21,7	E	5,4	5,5	☺									
P6006-D21,83R	1	21,83	E	5,4	5,5	☺									
P6006-D22,00R	1	22	F	5,4	6	☺									
P6006-D22,22R	1	22,22	F	5,4	6	☺									
P6006-D22,42R	1	22,42	F	5,4	6	☺									
P6006-D22,47R	1	22,47	F	5,4	6	☺									
P6006-D22,50R	1	22,5	F	5,4	6	☺									
P6006-D22,60R	1	22,6	F	5,4	6	☺									
P6006-D22,62R	1	22,62	F	5,4	6	☺									
P6006-D22,70R	1	22,7	F	5,4	6	☺									
P6006-D22,77R	1	22,77	F	5,4	6	☺									
P6006-D23,00R	1	23	F	5,4	6	☺									
P6006-D23,10R	1	23,1	F	5,4	6	☺									
P6006-D23,39R	1	23,39	F	5,4	6	☺									
P6006-D23,50R	1	23,5	F	5,4	6	☺									
P6006-D23,70R	1	23,7	F	5,4	6	☺									
P6006-D23,80R	1	23,8	F	5,4	6	☺									
P6006-D24,00R	1	24	G	5,4	6,5	☺									
P6006-D24,21R	1	24,21	G	5,4	6,5	☺									
P6006-D24,50R	1	24,5	G	5,4	6,5	☺									
P6006-D24,59R	1	24,59	G	5,4	6,5	☺									
P6006-D24,70R	1	24,7	G	5,4	6,5	☺									
P6006-D25,00R	1	25	G	5,4	6,5	☺									
P6006-D25,25R	1	25,25	G	5,4	6,5	☺									
P6006-D25,40R	1	25,4	G	5,4	6,5	☺									
P6006-D25,50R	1	25,5	G	5,4	6,5	☺									
P6006-D25,60R	1	25,6	G	5,4	6,5	☺									
P6006-D25,65R	1	25,65	G	5,4	6,5	☺									
P6006-D25,70R	1	25,7	G	5,4	6,5	☺									
P6006-D25,80R	1	25,8	G	5,4	6,5	☺									
P6006-D26,00R	1	26	H	6,4	7,1	☺									
P6006-D26,25R	1	26,25	H	6,4	7,1	☺									
P6006-D26,50R	1	26,5	H	6,4	7,1	☺									
P6006-D26,59R	1	26,59	H	6,4	7,1	☺									
P6006-D27,00R	1	27	H	6,4	7,1	☺									
P6006-D27,38R	1	27,38	H	6,4	7,1	☺									

Ordering example: P60.. -D13.00R is available as

HC = Coated carbide

P6006 in grade WPP25 (ISO P, unalloyed steel): P6006-D13.00R WPP25

P6003 in grade WMP35 (ISO P, ISO M and ISO S): P6003-D13.00R WMP35 or as

P6001 in grade WPP45C (ISO P): P6001-D13.00R WPP45C

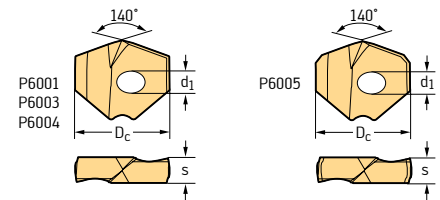
Ordering example for the grade WPP45C: P6001-D12.00R WPP45C

WALTER SELECT

Optimum indexable insert for → Good = ☺ → Average = ☹ → Poor = ☹ machining conditions

Exchangeable tip

P6001 / P6003 / P6004 / P6005 / P6006



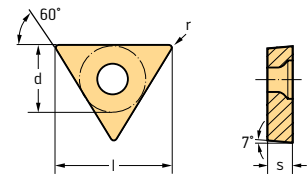
Interchangeable inserts

	Designation	Number of cutting edges	D _c mm	Seat size	d ₁ mm	s mm	P		M	K	N	S
							HC		HC	HC	HC	HC
							WPP25	WMP35	WPP45C	WMP35	WKK45C	WNN25
	P6006-D27,50R	1	27,5	H	6,4	7,1						
	P6006-D27,78R	1	27,78	H	6,4	7,1						
	P6006-D28,00R	1	28	J	6,4	7,7						
	P6006-D28,17R	1	28,17	J	6,4	7,7						
	P6006-D28,35R	1	28,35	J	6,4	7,7						
	P6006-D28,50R	1	28,5	J	6,4	7,7						
	P6006-D28,57R	1	28,57	J	6,4	7,7						
	P6006-D29,00R	1	29	J	6,4	7,7						
	P6006-D29,10R	1	29,1	J	6,4	7,7						
	P6006-D29,37R	1	29,37	J	6,4	7,7						
	P6006-D29,50R	1	29,5	J	6,4	7,7						
	P6006-D29,77R	1	29,77	J	6,4	7,7						
	P6006-D30,00R	1	30	K	6,4	8						
	P6006-D30,15R	1	30,15	K	6,4	8						
	P6006-D30,50R	1	30,5	K	6,4	8						
	P6006-D31,00R	1	31	K	6,4	8						
	P6006-D31,35R	1	31,35	K	6,4	8						
	P6006-D31,50R	1	31,5	K	6,4	8						
	P6006-D31,75R	1	31,75	K	6,4	8						
	P6006-D31,99R	1	31,99	K	6,4	8						
	P6006-D32,00R	1	32	M	6,4	8,3						
	P6006-D32,10R	1	32,1	M	6,4	8,3						
	P6006-D33,00R	1	33	M	6,4	8,3						
	P6006-D34,00R	1	34	N	6,4	8,6						
	P6006-D34,10R	1	34,1	N	6,4	8,6						
	P6006-D34,60R	1	34,6	N	6,4	8,6						
	P6006-D35,00R	1	35	N	6,4	8,6						
	P6006-D36,00R	1	36	P	6,4	8,9						
	P6006-D37,00R	1	37	P	6,4	8,9						
	P6006-D37,99R	1	37,99	P	6,4	8,9						

Ordering example: P60...-D13.00R is available as
P6006 in grade WPP25 (ISO P, unalloyed steel): P6006-D13.00R WPP25
P6003 in grade WMP35 (ISO P, ISO M and ISO S): P6003-D13.00R WMP35 or as
P6001 in grade WPP45C (ISO P): P6001-D13.00R WPP45C
Ordering example for the grade WPP45C: P6001-D12.00R WPP45C

HC = Coated carbide

Turning Insert – Positive triangular 60° TCMT / TCMW



Indexable inserts

B1

	Designation	l mm	r mm	P						M					K			S		
				HC			HE			HC					HC			HC		
				WKP01G	WPP10G	WPP20G	WMP20S	WPP30G	WEP10C	WSM10S	WMP20S	WSM20S	WSM21	WSM30S	WKP01G	WKK10S	WKK20S	WSM10S	WSM20S	WSM21
	TCMT110204-FK6	11	0,4												☺	☺				
	TCMT110208-FK6	11	0,8												☺	☺				
	TCMT16T304-FK6	16,5	0,4												☺	☺				
	TCMT16T308-FK6	16,5	0,8													☺				
	TCMT06T102-FM4	6,87	0,2										☺							☺
	TCMT06T104-FM4	6,87	0,4										☺							☺
	TCMT090202-FM4	9,62	0,2							☺		☺					☺	☺		
	TCMT090204-FM4	9,62	0,4							☺		☺					☺	☺		
	TCMT090208-FM4	9,62	0,8							☺		☺					☺	☺		
	TCMT110202-FM4	11	0,2							☺		☺			☺		☺	☺		☺
	TCMT110204-FM4	11	0,4				☺			☺	☺	☺				☺	☺	☺		☺
	TCMT110208-FM4	11	0,8							☺		☺				☺	☺	☺		☺
	TCMT16T302-FM4	16,5	0,2							☺		☺					☺	☺		☺
	TCMT16T304-FM4	16,5	0,4				☺			☺	☺	☺					☺	☺		☺
	TCMT16T308-FM4	16,5	0,8				☺			☺	☺	☺					☺	☺		☺
		TCMT06T102-FP4	6,87	0,2				☺												
TCMT06T104-FP4		6,87	0,4				☺													
TCMT090202-FP4		9,62	0,2				☺													
TCMT090204-FP4		9,62	0,4	☺	☺	☺			☺					☺						
TCMT090208-FP4		9,62	0,8																	
TCMT110202-FP4		11	0,2			☺	☺													
TCMT110204-FP4		11	0,4	☺	☺	☺	☺		☺						☺					
TCMT110208-FP4		11	0,8			☺	☺													
TCMT16T302-FP4		16,5	0,2				☺													
TCMT16T304-FP4		16,5	0,4	☺	☺	☺									☺					
	TCMT16T308-FP4	16,5	0,8		☺	☺			☺											
	TCMT110204-FP6	11	0,4			☺														
	TCMT110208-FP6	11	0,8			☺														
	TCMT16T304-FP6	16,5	0,4			☺														
	TCMT16T308-FP6	16,5	0,8			☺														
	TCMT090204-MK4	9,62	0,4												☺	☺				
	TCMT090208-MK4	9,62	0,8													☺				
	TCMT110204-MK4	11	0,4												☺	☺	☺			
	TCMT110208-MK4	11	0,8												☺	☺	☺			
	TCMT16T304-MK4	16,5	0,4												☺	☺	☺			
	TCMT16T308-MK4	16,5	0,8												☺	☺	☺			
	TCMT090204-MM4	9,62	0,4							☺		☺					☺	☺		
	TCMT090208-MM4	9,62	0,8									☺						☺		
	TCMT110204-MM4	11	0,4									☺						☺		
	TCMT110208-MM4	11	0,8									☺						☺		
	TCMT16T304-MM4	16,5	0,4				☺			☺	☺	☺					☺	☺		
	TCMT16T308-MM4	16,5	0,8				☺			☺	☺	☺					☺	☺		

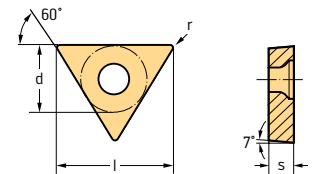
See the ISO 1832 designation key for dimensions
Ordering example for the grade WKK10S: TCMT110204-FK6 WKK10S

HC = Coated carbide
HE = Coated cermet

WALTER SELECT

Optimum indexable insert for → Good = ☺ → Average = ☹ → Poor = ☹ machining conditions

Turning Insert – Positive triangular 60° TCMT / TCMW



Indexable inserts

	Designation	l mm	r mm	P					M					K			S			
				HC				HE	HC				HC			HC				
				WKP01G	WPP10G	WPP20G	WMP20S	WPP30G	WEP10C	WSM10S	WMP20S	WSM20S	WSM21	WSM30S	WKP01G	WKK10S	WKK20S	WSM10S	WSM20S	WSM21
	TCMT090204-MP4	9.62	0.4			☹														
	TCMT090208-MP4	9.62	0.8			☹														
	TCMT110204-MP4	11	0.4		☹	☹														
	TCMT110208-MP4	11	0.8		☹	☹														
	TCMT16T304-MP4	16.5	0.4		☹	☹														
	TCMT16T308-MP4	16.5	0.8		☹	☹														
	TCMT220408-MP4	22	0.8			☹														
	TCMT090204-RK4	9.62	0.4														☹			
	TCMT090208-RK4	9.62	0.8														☹			
	TCMT110204-RK4	11	0.4													☹	☹			
	TCMT110208-RK4	11	0.8													☹	☹			
	TCMT16T304-RK4	16.5	0.4														☹			
	TCMT16T308-RK4	16.5	0.8														☹	☹		
	TCMT16T312-RK4	16.5	1.2													☹	☹			
	TCMT090204-RM4	9.62	0.4										☹						☹	☹
	TCMT090208-RM4	9.62	0.8										☹						☹	☹
	TCMT110204-RM4	11	0.4				☹				☹	☹	☹					☹	☹	☹
	TCMT110208-RM4	11	0.8				☹				☹	☹	☹					☹	☹	☹
	TCMT16T304-RM4	16.5	0.4				☹				☹	☹	☹	☹				☹	☹	☹
	TCMT16T308-RM4	16.5	0.8				☹				☹	☹	☹	☹				☹	☹	☹
	TCMT16T312-RM4	16.5	1.2									☹	☹					☹		☹
	TCMT090204-RP4	9.62	0.4			☹		☹												
	TCMT090208-RP4	9.62	0.8			☹		☹		☹										
	TCMT110204-RP4	11	0.4		☹	☹		☹		☹										
	TCMT110208-RP4	11	0.8			☹		☹		☹										
	TCMT16T304-RP4	16.5	0.4		☹	☹		☹		☹										
	TCMT16T308-RP4	16.5	0.8		☹	☹		☹		☹										
	TCMT16T312-RP4	16.5	1.2		☹	☹		☹		☹										
	TCMW110204-RK6	11	0.4													☹	☹	☹		
	TCMW110208-RK6	11	0.8													☹	☹	☹		
	TCMW16T304-RK6	16.5	0.4													☹	☹	☹		
	TCMW16T308-RK6	16.5	0.8													☹	☹	☹		

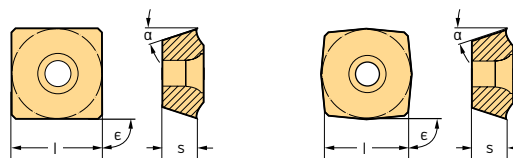
See the ISO 1832 designation key for dimensions

Ordering example for the grade WKK10S: TCMT110204-FK6 WKK10S

HC = Coated carbide

HE = Coated cermet

Square P284..



Indexable inserts

B1

	Designation	Number of cutting edges	l mm	s mm	α	ε	Size	P				M		K		N		S		
								HC				HC		HC		HC			HC	
								WKP25S	WKP35S	WXP40	WSP45G	WXP40	WSP45G	WKP25S	WKP35S	WNN15	WNN15		WSP45G	
	P2840S-1N-A57	4	6,35	2,4	14°	90°	1	☹	☹		☹	☹	☹	☹				☹		
	P2840S-2N-A57	4	7,8	3,2	14°	90°	02	☹	☹		☹	☹	☹	☹				☹		
	P2840S-3N-A57	4	9,52	4	11°	96°	03	☹	☹		☹	☹	☹	☹				☹		
	P2840S-4N-A57	4	11	4	11°	96°	4	☹	☹		☹	☹	☹	☹				☹		
	P2840S-5N-A57	4	12,7	4,8	11°	96°	5	☹	☹		☹	☹	☹	☹				☹		
	P2840S-6N-A57	4	15	4,8	11°	96°	6		☹		☹	☹	☹	☹				☹		
	P2840S-7N-A57	4	17,6	5,6	11°	96°	7		☹		☹	☹	☹	☹				☹		
	P2840S-1N-E67	4	6,35	2,4	14°	90°	1		☹		☹	☹	☹	☹				☹		
	P2840S-2N-E67	4	7,8	3,2	14°	90°	02		☹		☹	☹	☹	☹				☹		
	P2840S-3N-E67	4	9,52	4	11°	96°	03		☹		☹	☹	☹	☹				☹		
	P2840S-4N-E67	4	11	4	11°	96°	4		☹		☹	☹	☹	☹				☹		
	P2840S-5N-E67	4	12,7	4,8	11°	96°	5		☹		☹	☹	☹	☹				☹		
	P2840S-6N-E67	4	15	4,8	11°	96°	6		☹		☹	☹	☹	☹				☹		
	P2840S-7N-E67	4	17,6	5,6	11°	96°	7		☹		☹	☹	☹	☹				☹		
	P2841S-1N-A57	4	6,35	2,4	14°	90°	1	☹	☹	☹	☹	☹	☹	☹				☹		
	P2841S-2N-A57	4	7,8	3,2	14°	90°	02	☹	☹	☹	☹	☹	☹	☹				☹		
	P2841S-3N-A57	4	9,52	4	11°	96°	03	☹	☹	☹	☹	☹	☹	☹				☹		
	P2841S-4N-A57	4	11	4	11°	96°	4	☹	☹	☹	☹	☹	☹	☹				☹		
	P2841S-5N-A57	4	12,7	4,8	11°	96°	5	☹	☹	☹	☹	☹	☹	☹				☹		
	P2841S-6N-A57	4	15	4,8	11°	96°	6	☹	☹	☹	☹	☹	☹	☹				☹		
	P2841S-7N-A57	4	17,6	5,6	11°	96°	7	☹	☹	☹	☹	☹	☹	☹				☹		
	P2841S-1N-E57	4	6,35	2,4	14°	90°	1	☹	☹	☹	☹	☹	☹	☹				☹		
	P2841S-2N-E57	4	7,8	3,2	14°	90°	02	☹	☹	☹	☹	☹	☹	☹				☹		
	P2841S-3N-E57	4	9,52	4	11°	96°	03	☹	☹	☹	☹	☹	☹	☹				☹		
	P2841S-4N-E57	4	11	4	11°	96°	4	☹	☹	☹	☹	☹	☹	☹				☹		
	P2841S-5N-E57	4	12,7	4,8	11°	96°	5	☹	☹	☹	☹	☹	☹	☹				☹		
	P2841S-6N-E57	4	15	4,8	11°	96°	6		☹		☹	☹	☹	☹				☹		
	P2841S-7N-E57	4	17,6	5,6	11°	96°	7		☹		☹	☹	☹	☹				☹		
	P2841S-1N-E67	4	6,35	2,4	14°	90°	1		☹		☹	☹	☹	☹				☹		
	P2841S-2N-E67	4	7,8	3,2	14°	90°	02		☹		☹	☹	☹	☹				☹		
	P2841S-3N-E67	4	9,52	4	11°	96°	03		☹		☹	☹	☹	☹				☹		
	P2841S-4N-E67	4	11	4	11°	96°	4		☹		☹	☹	☹	☹				☹		
	P2841S-5N-E67	4	12,7	4,8	11°	96°	5		☹		☹	☹	☹	☹				☹		
	P2841S-6N-E67	4	15	4,8	11°	96°	6		☹		☹	☹	☹	☹				☹		
	P2841S-7N-E67	4	17,6	5,6	11°	96°	7		☹		☹	☹	☹	☹				☹		
	P2840S-1N-E77	4	6,35	2,4	14°	90°	1									☹	☹			
	P2840S-2N-E77	4	7,8	3,2	14°	90°	02									☹	☹			
	P2840S-3N-E77	4	9,52	4	11°	96°	03									☹	☹			
	P2840S-4N-E77	4	11	4	11°	96°	4									☹	☹			
	P2840S-5N-E77	4	12,7	4,8	11°	96°	5									☹	☹			
	P2840S-6N-E77	4	15	4,8	11°	96°	6									☹	☹			
	P2840S-7N-E77	4	17,6	5,6	11°	96°	7									☹	☹			

Ordering example for the grade WKP25S: P2840S-1N-A57 WKP25S

Ordering example for the grade WKP35S: P2840S-1N-A57 WKP35S

Ordering example for the grade WSP45G: P2840S-1N-A57 WSP45G

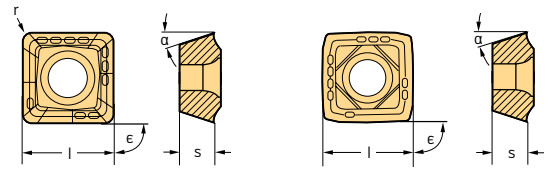
HC = Coated carbide

HW = Uncoated carbide

WALTER SELECT

Optimum indexable insert for → Good = ☺ → Average = ☹ → Poor = ☹ machining conditions

Square P484 .



Indexable inserts

	Designation	Number of cutting edges	l mm	s mm	r mm	α	ε	Size	P		M	K		N		S	
									HC		HC	HC	HC	HC	HW	HC	
									WKP25S	WKP35S	WSP45G	WSP45G	WKP25S	WKP35S	WNN15	WNN15	WSP45G
	P4840P-1R-A57	4	4,55	2	0,29	11°	90°	1	☺	☺	☺	☺	☺	☺			☺
	P4840P-2R-A57	4	5,52	2,3	0,34	11°	90°	02	☺	☺	☺	☺	☺	☺			☺
	P4840P-3R-A57	4	6,5	2,8	0,4	11°	90°	03	☺	☺	☺	☺	☺	☺			☺
	P4840P-4R-A57	4	7,8	3,4	0,48	11°	90°	4	☺	☺	☺	☺	☺	☺			☺
	P4840P-5R-A57	4	9,56	4,1	0,59	11°	90°	5	☺	☺	☺	☺	☺	☺			☺
	P4840P-6R-A57	4	11,75	4,9	0,7	11°	90°	6	☺	☺	☺	☺	☺	☺			☺
	P4840P-7R-A57	4	14,03	5,5	0,8	11°	90°	7	☺	☺	☺	☺	☺	☺			☺
P4840P-8R-A57	4	16,5	5,5	1	11°	90°	8	☺	☺	☺	☺	☺	☺			☺	
	P4840P-1R-E57	4	4,55	2	0,29	11°	90°	1	☺	☺	☺	☺	☺	☺			☺
	P4840P-2R-E57	4	5,52	2,3	0,34	11°	90°	02	☺	☺	☺	☺	☺	☺			☺
	P4840P-3R-E57	4	6,5	2,8	0,4	11°	90°	03	☺	☺	☺	☺	☺	☺			☺
	P4840P-4R-E57	4	7,8	3,4	0,48	11°	90°	4	☺	☺	☺	☺	☺	☺			☺
	P4840P-5R-E57	4	9,56	4,1	0,59	11°	90°	5	☺	☺	☺	☺	☺	☺			☺
	P4840P-6R-E57	4	11,75	4,9	0,7	11°	90°	6	☺	☺	☺	☺	☺	☺			☺
	P4840P-7R-E57	4	14,03	5,5	0,8	11°	90°	7	☺	☺	☺	☺	☺	☺			☺
P4840P-8R-E57	4	16,5	5,5	1	11°	90°	8	☺	☺	☺	☺	☺	☺			☺	
	P4840P-1R-E67	4	4,55	2	0,29	11°	90°	1	☺	☺	☺	☺	☺	☺			☺
	P4840P-2R-E67	4	5,52	2,3	0,34	11°	90°	02	☺	☺	☺	☺	☺	☺			☺
	P4840P-3R-E67	4	6,5	2,8	0,4	11°	90°	03	☺	☺	☺	☺	☺	☺			☺
	P4840P-4R-E67	4	7,8	3,4	0,48	11°	90°	4	☺	☺	☺	☺	☺	☺			☺
	P4840P-5R-E67	4	9,56	4,1	0,59	11°	90°	5	☺	☺	☺	☺	☺	☺			☺
	P4840P-6R-E67	4	11,75	4,9	0,7	11°	90°	6	☺	☺	☺	☺	☺	☺			☺
	P4840P-7R-E67	4	14,03	5,5	0,8	11°	90°	7	☺	☺	☺	☺	☺	☺			☺
P4840P-8R-E67	4	16,5	5,5	1	11°	90°	8	☺	☺	☺	☺	☺	☺			☺	
	P4840P-1R-E77	4	4,55	2	0,29	11°	90°	1							☺	☺	
	P4840P-2R-E77	4	5,52	2,3	0,34	11°	90°	02							☺	☺	
	P4840P-3R-E77	4	6,5	2,8	0,4	11°	90°	03							☺	☺	
	P4840P-4R-E77	4	7,8	3,4	0,48	11°	90°	4							☺	☺	
	P4840P-5R-E77	4	9,56	4,1	0,59	11°	90°	5							☺	☺	
	P4840P-6R-E77	4	11,75	4,9	0,7	11°	90°	6							☺	☺	
	P4840P-7R-E77	4	14,03	5,5	0,8	11°	90°	7							☺	☺	
P4840P-8R-E77	4	16,5	5,5	1	11°	90°	8							☺	☺		

Ordering example for the grade WKP25S: P4840P-1R-A57 WKP25S

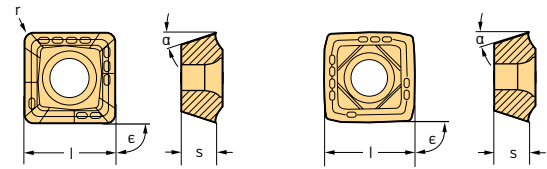
Ordering example for the grade WKP35S: P4840P-1R-A57 WKP35S

Ordering example for the grade WSP45G: P4840P-1R-A57 WSP45G

HC = Coated carbide

HW = Uncoated carbide

Square P484 .



Indexable inserts

B1

	Designation	Number of cutting edges	l mm	s mm	r mm	α	ε	Size	P			M		K		N		S
									HC			HC	HC	HC	HW	HC		
									WKP25S	WKP35S	WSP45G	WSP45G	WKP25S	WKP35S	WNN15	WNN15	WSP45G	
	P4841P-1R-A57	4	4,55	2	0,29	11°	90°	1										
	P4841P-2R-A57	4	5,52	2,3	0,34	11°	90°	02										
	P4841P-3R-A57	4	6,5	2,8	0,4	11°	90°	03										
	P4841P-4R-A57	4	7,8	3,4	0,48	11°	90°	4										
	P4841P-5R-A57	4	9,56	4,1	0,59	11°	90°	5										
	P4841P-6R-A57	4	11,75	4,9	0,7	11°	90°	6										
	P4841P-7R-A57	4	14,03	5,5	0,8	11°	90°	7										
	P4841P-8R-A57	4	16,5	5,5	1	11°	90°	8										
	P4841P-1R-E57	4	4,55	2	0,29	11°	90°	1										
	P4841P-2R-E57	4	5,52	2,3	0,34	11°	90°	02										
	P4841P-3R-E57	4	6,5	2,8	0,4	11°	90°	03										
	P4841P-4R-E57	4	7,8	3,4	0,48	11°	90°	4										
	P4841P-5R-E57	4	9,56	4,1	0,59	11°	90°	5										
	P4841P-6R-E57	4	11,75	4,9	0,7	11°	90°	6										
	P4841P-7R-E57	4	14,03	5,5	0,8	11°	90°	7										
	P4841P-8R-E57	4	16,5	5,5	1	11°	90°	8										

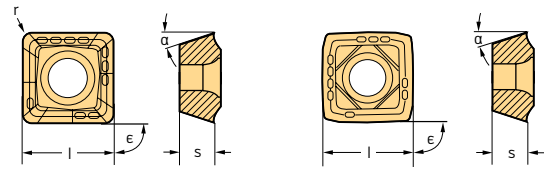
Ordering example for the grade WKP25S: P4840P-1R-A57 WKP25S
Ordering example for the grade WKP35S: P4840P-1R-A57 WKP35S
Ordering example for the grade WSP45G: P4840P-1R-A57 WSP45G

HC = Coated carbide
HW = Uncoated carbide

Indexable inserts

	Designation	Number of cutting edges	l mm	s mm	r mm	α	ε	Size	P			M		K	N		S
									HC			HC		HC	HC	HW	HC
									WKP35S	WXP40	WSP45G	WXP40	WSP45G	WKP35S	WNN15	WN15	WSP45G
	P4841C-1R-A57	4	4,9	2	0,29	11°	90°	1									
	P4841C-2R-A57	4	5,95	2,4	0,34	11°	90°	02									
	P4841C-3R-A57	4	7	2,8	0,4	11°	90°	03									
	P4841C-4R-A57	4	8,4	3,4	0,48	11°	90°	4									
	P4841C-5R-A57	4	10,29	4,1	0,59	11°	90°	5									
	P4841C-6R-A57	4	12,24	4,9	0,7	11°	90°	6									
	P4841C-7R-A57	4	14,69	5,5	0,8	11°	90°	7									
	P4841C-8R-A57	4	17,49	5,6	1	11°	90°	8									
	P4841C-1R-E57	4	4,9	2	0,29	11°	90°	1									
	P4841C-2R-E57	4	5,95	2,4	0,34	11°	90°	02									
	P4841C-3R-E57	4	7	2,8	0,4	11°	90°	03									
	P4841C-4R-E57	4	8,4	3,4	0,48	11°	90°	4									
	P4841C-5R-E57	4	10,29	4,1	0,59	11°	90°	5									
	P4841C-6R-E57	4	12,24	4,9	0,7	11°	90°	6									
	P4841C-7R-E57	4	14,69	5,5	0,8	11°	90°	7									
	P4841C-8R-E57	4	17,49	5,6	1	11°	90°	8									

Square P484 .



Indexable inserts

	Designation	Number of cutting edges	l mm	s mm	r mm	α	ε	Size	P			M		K	N		S
									WKP35S	HC	WSP45G	WXP40	WSP45G	WKP35S	HC	HW	HC
	P4840C-1R-E67	4	4,9	2	0,29	11°	90°	1	☹	☹	☹	☹	☹	☹			☹
	P4840C-2R-E67	4	5,95	2,4	0,34	11°	90°	02	☹	☹	☹	☹	☹	☹			☹
	P4840C-3R-E67	4	7	2,8	0,4	11°	90°	03	☹	☹	☹	☹	☹	☹			☹
	P4840C-4R-E67	4	8,4	3,4	0,48	11°	90°	4	☹	☹	☹	☹	☹	☹			☹
	P4840C-5R-E67	4	10,29	4,1	0,59	11°	90°	5	☹	☹	☹	☹	☹	☹			☹
	P4840C-6R-E67	4	12,24	4,9	0,7	11°	90°	6	☹	☹	☹	☹	☹	☹			☹
	P4840C-7R-E67	4	14,69	5,5	0,8	11°	90°	7	☹	☹	☹	☹	☹	☹			☹
	P4840C-8R-E67	4	17,49	5,6	1	11°	90°	8	☹	☹	☹	☹	☹	☹			☹
	P4840C-1R-E77	4	4,9	2	0,29	11°	90°	1						☹	☹		
	P4840C-2R-E77	4	5,95	2,4	0,34	11°	90°	02						☹	☹		
	P4840C-3R-E77	4	7	2,8	0,4	11°	90°	03						☹	☹		
	P4840C-4R-E77	4	8,4	3,4	0,48	11°	90°	4						☹	☹		
	P4840C-5R-E77	4	10,29	4,1	0,59	11°	90°	5						☹	☹		
	P4840C-6R-E77	4	12,24	4,9	0,7	11°	90°	6						☹	☹		
	P4840C-7R-E77	4	14,69	5,5	0,8	11°	90°	7						☹	☹		
	P4840C-8R-E77	4	17,49	5,6	1	11°	90°	8						☹	☹		

Ordering example for the grade WKP35S: P4841C-1R-A57 WKP35S

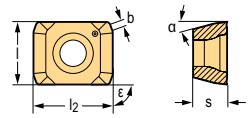
Ordering example for the grade WSP45G: P4841C-1R-A57 WSP45G

HC = Coated carbide

HW = Uncoated carbide

B1

Rectangular LCGX



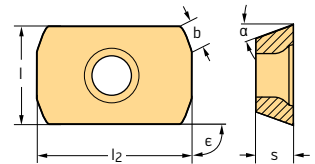
Indexable inserts

	Designation	Number of cutting edges	l mm	l ₂ mm	s mm	α	ε	b mm	N	
									HC	HW
									WN15	WN15
									WN15	WN15
	LCGX050203-E77	2	4	5,2	2,4	7°	90°	0,6	☺	☺
	LCGX06T204-E77	2	5,2	6,6	2,8	7°	90°	0,8	☺	☺

Ordering example for the grade WN15: LCGX050203-E77 WN15

HC = Coated carbide
HW = Uncoated carbide

Rectangular LCMX



Indexable inserts

	Designation	Number of cutting edges	l mm	l ₂ mm	s mm	α	ε	b mm	P		M		K		S	
									HC		HC		HC		HC	
									WKP25S	WKP35S	WXP40	WSP45G	WXP40	WSP45G	WKP25S	WKP35S
									WKP25S	WKP35S	WXP40	WSP45G	WXP40	WSP45G	WKP25S	WKP35S
	LCMX050203-B57	2	4	5,2	2,4	7°	90°	0,6	☺	☺	☺	☺	☺	☺	☺	☺
	LCMX06T204-B57	2	5,2	6,6	2,8	7°	90°	0,8	☺	☺	☺	☺	☺	☺	☺	☺
	LCMX050203-D57	2	4	5,2	2,4	7°	90°	0,6	☺	☺	☺	☺	☺	☺	☺	☺
	LCMX06T204-D57	2	5,2	6,6	2,8	7°	90°	0,8	☺	☺	☺	☺	☺	☺	☺	☺
	LCMX050203-E57	2	4	5,2	2,4	7°	90°	0,6	☺	☺	☺	☺	☺	☺	☺	☺
	LCMX06T204-E57	2	5,2	6,6	2,8	7°	90°	0,8	☺	☺	☺	☺	☺	☺	☺	☺

Ordering example for the grade WKP25S: LCMX050203-B57 WKP25S

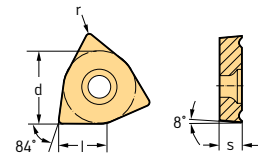
Ordering example for the grade WKP35S: LCMX050203-B57 WKP35S

Ordering example for the grade WSP45G: LCMX050203-B57 WSP45G

HC = Coated carbide

Trigon

WOMX / WOEX



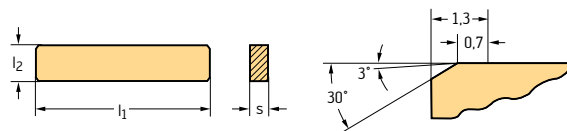
Indexable inserts

	Designation	Number of cutting edges	l mm	s mm	r mm	α	ϵ	P				M		K			S
								WKP25S	WKP35S	WXP40	WSP45G	WXP40	WSP45G	WAK15	WKP25S	WKP35S	WSP45G
	WOMX030204-B57	3	3,31	2,3	0,4	8°	84°	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
	WOMX040304-B57	3	4,2	3,2	0,4	8°	84°	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
	WOMX05T304-B57	3	5,29	3,8	0,4	8°	84°	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
	WOMX06T304-B57	3	6,62	3,8	0,4	8°	84°	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
	WOMX080408-B57	3	7,94	4,8	0,8	8°	84°	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
	WOMX100508-B57	3	9,92	5,3	0,8	8°	84°	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
	WOMX120608-B57	3	11,64	6	0,8	8°	84°	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
	WOMX030204-D57	3	3,31	2,3	0,4	8°	84°	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
	WOMX040304-D57	3	4,2	3,2	0,4	8°	84°	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
	WOMX05T304-D57	3	5,29	3,8	0,4	8°	84°	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
	WOMX06T304-D57	3	6,62	3,8	0,4	8°	84°	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
	WOMX080408-D57	3	7,94	4,8	0,8	8°	84°	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
	WOMX100508-D57	3	9,92	5,3	0,8	8°	84°	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
	WOMX120608-D57	3	11,64	6	0,8	8°	84°	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
	WOEX030204-E57	3	3,31	2,3	0,4	8°	84°	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
	WOEX040304-E57	3	4,2	3,2	0,4	8°	84°	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
	WOEX05T304-E57	3	5,29	3,8	0,4	8°	84°	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
	WOEX06T304-E57	3	6,62	3,8	0,4	8°	84°	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
	WOEX080408-E57	3	7,94	4,8	0,8	8°	84°	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
	WOEX100508-E57	3	9,92	5,3	0,8	8°	84°	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
	WOEX120608-E57	3	11,64	6	0,8	8°	84°	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺

Ordering example for the grade WKP35S: WOMX030204-B57 WKP35S
 Ordering example for the grade WSP45G: WOMX030204-B57 WSP45G

HC = Coated carbide

Positive basic shape P6500



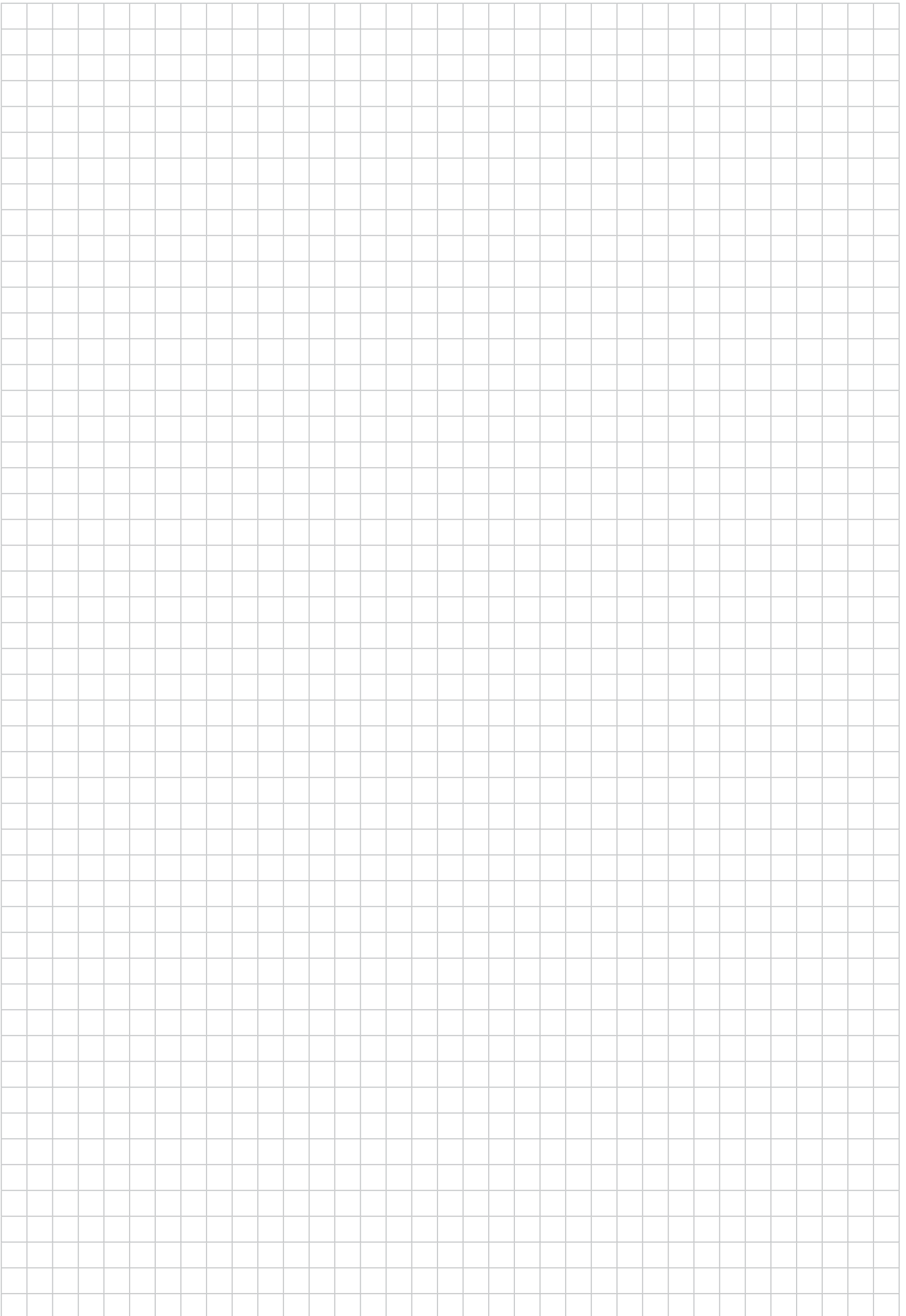
Indexable inserts

B1

	Designation	Number of cutting edges	l ₁ mm	l ₂ mm	s mm	Chamfer	P	K
							HC	HC
							WXP15	WXK05
	P6500-1R-A88-E1	2	20	3	1,5	E1	☺	
	P6500-2R-A88-E1	2	20	4,5	4,5	E1	☺	
	P6500-4R-A88-E1	2	25	7	2,3	E1	☺	
	P6500-0R-B88-E1	2	20	2,5	1,2	E1	☺	
	P6500-1R-B88-E1	2	20	3	1,5	E1	☺	☺
	P6500-2R-B88-E1	2	20	4,5	4,5	E1	☺	☺
	P6500-4R-B88-E1	2	25	7	2,3	E1	☺	☺
	P6500-1R-B88-E5	2	20	3	1,5	E5		☺
	P6500-2R-B88-E5	2	20	4,5	4,5	E5		☺
	P6500-4R-B88-E5	2	25	7	2,3	E5		☺

Ordering example for the grade WXP15: P6500-1R-A88-E1 WXP15

HC = Coated carbide

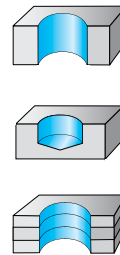
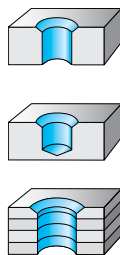


B1

Indexable insert drills

B1

Machining



Drilling depth

 $2,5 \times D_C$
 $1,3 \times D_C$
 $3 \times D_C$
 $3 \times D_C$
 $5 \times D_C$


Designation

D4240
Drion-tec®

D4140
Drion-tec®

D4140
Drion-tec®

D4140
Drion-tec®

D4140
Drion-tec®

Effective cutting edges

2

2

2

2

2

Diameter range

[mm]

12–29

12–25,99

0,472–1,22

12–37,99

12–31,99

[inch]

0,472–1,22

0,472–1,496

0,472–1,22

P Steel

●●

●●

●●

●●

●●

M Stainless steel

●●

●●

●●

●●

●●

K Cast iron

●●

●●

●●

●●

●●

N NF metals

●●

●●

●●

●●

●●

S Materials with difficult cutting properties

●●

●●

●●

●●

●

H Hard materials

O Other

Indexable insert types



P600 .

Number of cutting edges

1

1

1

1

1

Page in catalogue

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QR code


www.walter-tools.com/woc/

D4240

D4140

D4140

D4140

D4140

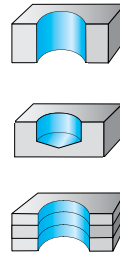
WALTER SELECT

●● Primary application

● Other application

Indexable insert drills

Machining



Drilling depth	5 x D _C	7 x D _C	7 x D _C	10 x D _C



Designation	D4140 Drion-tec®	D4140 Drion-tec®	D4140 Drion-tec®	D4140 Drion-tec®
Effective cutting edges	2	2	2	2
Diameter range				
[mm]	12–37,99	12–31,99	12–37,99	12–25,99
[inch]	0,472–1,496	0,472–1,22	0,472–1,496	0,472–1,023
P Steel	●●	●●	●●	●●
M Stainless steel	●●	●	●	●
K Cast iron	●●	●●	●●	●●
N NF metals	●●	●●	●●	●●
S Materials with difficult cutting properties	●	●	●	●
H Hard materials				
O Other				

Indexable insert types



P600 .

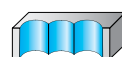
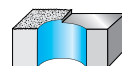
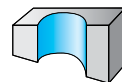
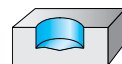
Number of cutting edges	1	1	1	1
Page in catalogue	B 242	B 250	B 250	B 256
QR code				
	D4140	D4140	D4140	D4140

www.walter-tools.com/woc/

Indexable insert drills

B1

Machining



Drilling depth

 $3 \times D_C$
 $2 \times D_C$
 $3 \times D_C$
 $4 \times D_C$
 $5 \times D_C$


Designation

D4170
Drion-tec®

D4120
Drion-tec®

D4120
Drion-tec®

D4120
Drion-tec®

D4120
Drion-tec®

Effective cutting edges

1

1

1

1

1

Diameter range

[mm]

65–80

13,5–59

13,5–59

16,5–59

16,5–59

[inch]

0,531–2,250

0,531–2,250

0,656–2,250

0,656–2,250

P Steel

●●

●●

●●

●●

●●

M Stainless steel

●●

●●

●●

●

K Cast iron

●●

●●

●●

●●

●●

N NF metals

●●

●●

●●

●●

●●

S Materials with difficult cutting properties

●●

●●

●●

●

H Hard materials

O Other

Indexable insert types



P484 .C



P484 .P

Number of cutting edges

4

4

4

4

4

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QR code


www.walter-tools.com/woc/

D4170

D4120

D4120

D4120

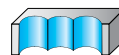
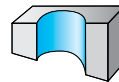
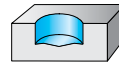
D4120

WALTER SELECT

●● Primary application ● Other application

Indexable insert drills

Machining



Drilling depth

2 x D_C3 x D_C4 x D_C2 x D_C2 x D_C

Designation

D3120
Drion-tec®D3120
Drion-tec®D3120
Drion-tec®

B3212

B3212

Effective cutting edges

1

1

1

1

1

Diameter range

[mm]

16–42

16–58

16–42

10–18

[inch]

0,750–1,500

0,750–1,500

0,391–0,625

P Steel

●●

●●

●●

●●

●●

M Stainless steel

●●

●●

●

●●

●●

K Cast iron

●●

●●

●●

●●

●●

N NF metals

●●

●●

●●

●●

●●

S Materials with difficult cutting properties

●●

●●

●

●●

●●

H Hard materials

O Other

Indexable insert types



P284 S



LC.

Number of cutting edges

4

4

4

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QR code



D3120



D3120



D3120



B3212



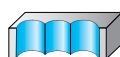
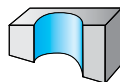
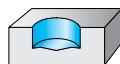
B3212

www.walter-tools.com/woc/

Indexable insert drills

B1

Machining



Drilling depth

 $3 \times D_C$
 $3 \times D_C$
 $4 \times D_C$


Designation

B3213

B3213

B3214

Effective cutting edges

1

1

1

Diameter range

[mm]

10–18

10–18

[inch]

0.391–0.64

P Steel

●●

●●

M Stainless steel

●●

●●

K Cast iron

●●

●●

●●

N NF metals

●●

●●

●●

S Materials with difficult cutting properties

●●

●●

H Hard materials

O Other

Indexable insert types



LC

Number of cutting edges

Page in catalogue

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QR code


www.walter-tools.com/woc/

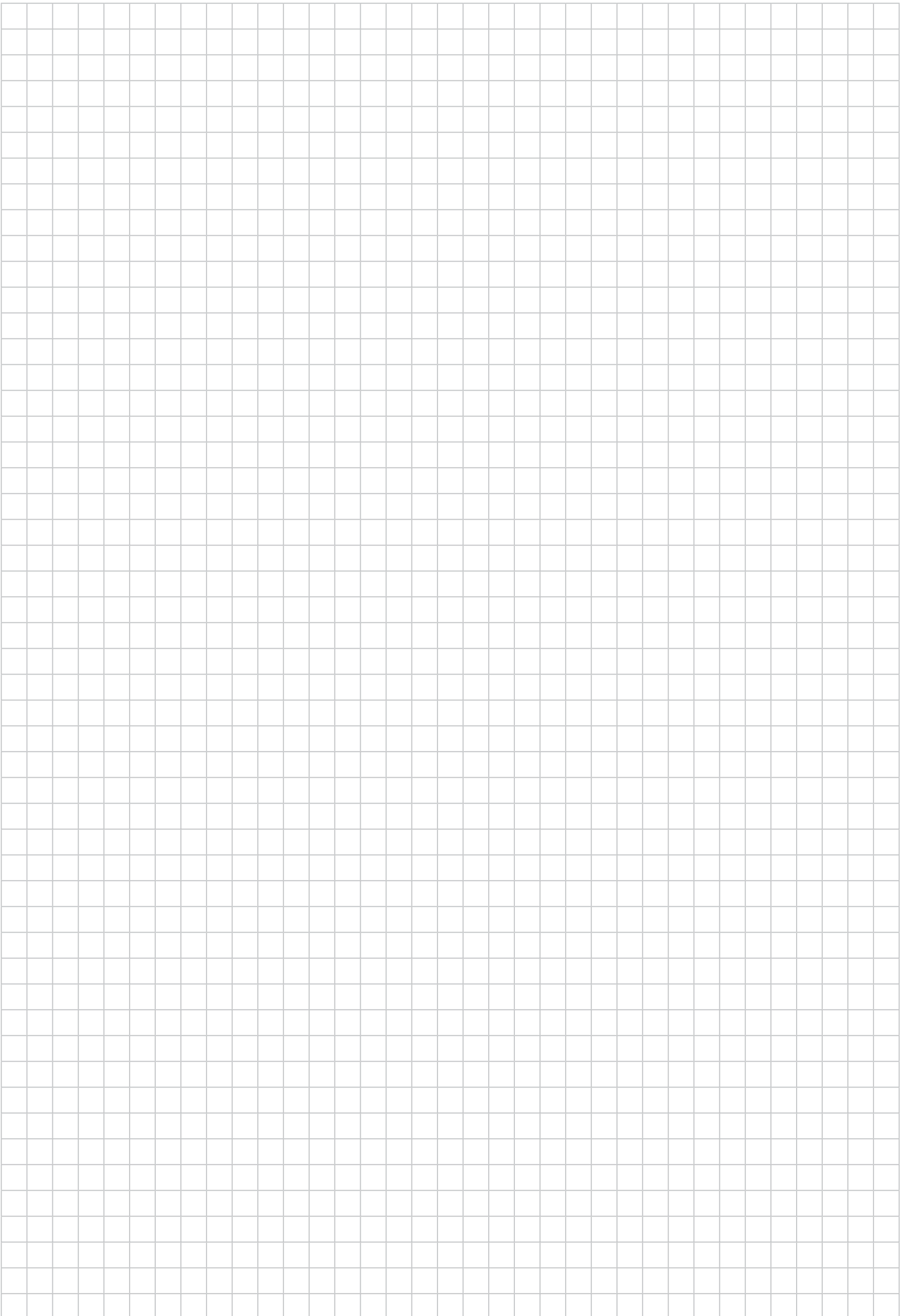
B3213

B3213

B3214

WALTER SELECT

●● Primary application ● Other application



B1

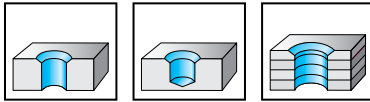
Exchangeable-tip drills

D4240 mm

Drion-tec®



B1



D_c 12– 29,99	$2,5 \times D_c$	90°	140°	Z=2

	P	M	K	N	S	H	O
D4240	●	●	●	●	●		

Tool

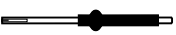
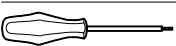
	Designation	D_c mm	D_1 mm	L_c mm	l_4 mm	l_5 mm	d_1 mm	d_4 mm	kg	No. of inserts	Seat size	Type
 Cylindrical shank with flat	D4240-02-12.00F20-A	12	23,7	36,5	68	50	20	30	0,22	1	A	P600 . -D12, ..
	D4240-02-14.00F20-B	14	25,7	40,6	76	50	20	30	0,25	1	B	P600 . -D14, ..
	D4240-02-15.00F20-B	15	26,7	47,8	80	50	20	30	0,25	1	B	P600 . -D15, ..
	D4240-02-17.00F20-C	17	28,7	48,2	88	50	20	30	0,3	1	C	P600 . -D17, ..
	D4240-02-19.00F20-D	19	30,7	53,4	96	50	20	30	0,34	1	D	P600 . -D19, ..
 Cylindrical shank with flat	D4240-02-21.00F20-E	21	32,7	54,6	104	50	20	30	0,37	1	E	P600 . -D21, ..
	D4240-02-24.00F25-G	24	43,4	61,7	117	56	25	35	0,63	1	G	P600 . -D24, ..
	D4240-02-26.00F25-H	26	45,4	67,3	125	56	25	35	0,64	1	H	P600 . -D26, ..
	D4240-02-29.00F32-J	29	48,4	69,2	138	60	32	42	1,08	1	J	P600 . -D29, ..

Bodies and assembly parts are included in the scope of delivery

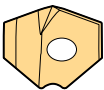
Assembly parts

	D _c [mm]	12	14–15	17	19	21	24	26	29
	Clamping screw for P600. drill insert Tightening torque	FS1396 (T7IP) 1,2 Nm	FS1397 (T8IP) 2 Nm	FS1398 (T8IP) 2 Nm	FS1399 (T15IP) 4 Nm	FS1400 (T20IP) 5 Nm	FS1402 (T20IP) 5 Nm	FS1403 (T25IP) 5,5 Nm	FS1404 (T25IP) 5,5 Nm
	Clamping screw for TC.. chamfer insert Tightening torque	FS2061 (T7IP) 0,9 Nm	FS2061 (T7IP) 0,9 Nm	FS2061 (T7IP) 0,9 Nm	FS2061 (T7IP) 0,9 Nm	FS2061 (T7IP) 0,9 Nm	FS2063 (T15IP) 3 Nm	FS2063 (T15IP) 3 Nm	FS2063 (T15IP) 3 Nm

Accessories

	D _c [mm]	12	14–17	19	21–24	26–29
	Torque T-handle					FS2041
	Torque screwdriver, analogue	FS2001	FS2003	FS2003	FS2003	
	Interchangeable blade	FS2011 (T7IP)	FS2012 (T8IP)	FS2014 (T15IP)	FS2015 (T20IP)	FS2049 (T25IP)
	Screwdriver	FS2088 (T7IP)	FS1483 (T8IP)	FS1485 (T15IP)	FS1486 (T20IP)	FS1487 (T25IP)

Interchangeable inserts

	Designation	l mm	D _c mm	r mm	P				M		K		N		S	
					HC				HC		HC		HC		HC	
					WMP35	WPP20G	WPP25	WPP45C	WSM20S	WMP35	WSM20S	WKK20S	WKK45C	WNN25	WMP35	WSM20S
	P6001-D..		12–29,8													
	P6003-D..		12–29,8		☼					☼					☼	
	P6004-D..		12–29,5												☼	
	P6005-D..		12–29,8									☼				
	P6006-D..		12–29,8			☼										
	TCGT110208-MP4	11		0,8	☼											
	TCGT16T308-MK4	16,5		0,8								☼				
	TCGT16T308-MM4	16,5		0,8					☼	☼						☼
	TCMT110208-MK4	11		0,8								☼				
	TCMT110208-MM4	11		0,8					☼	☼						☼
	TCMT110208-MP4	11		0,8	☼											
	TCMT16T308-MK4	16,5		0,8								☼				
	TCMT16T308-MM4	16,5		0,8					☼	☼						☼
	TCMT16T308-MP4	16,5		0,8	☼											

HC = Coated carbide

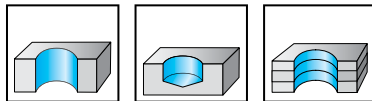
Exchangeable-tip drills

D4140

Drion-tec®



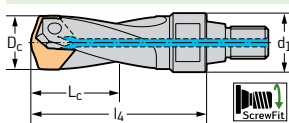
B1



D_c 12– 25,99	$1,3 \times D_c$	140°	$Z=2$

	P	M	K	N	S	H	O
D4140	●	●	●	●	●		

Tool



ScrewFit

Designation

 D_c
mm

 L_c
mm

 l_4
mm

 d_1

Z

kg

No. of
inserts

Seat
size

Type

D4140-01-12.00T14-A	12	18	48	T14	2	0,05	1	A	P600 . -D12, ..
D4140-01-13.00T14-A	13	19	50	T14	2	0,05	1	A	P600 . -D13, ..
D4140-01-14.00T14-B	14	21	52	T14	2	0,06	1	B	P600 . -D14, ..
D4140-01-15.00T18-B	15	22	55	T18	2	0,08	1	B	P600 . -D15, ..
D4140-01-16.00T18-C	16	24	57	T18	2	0,08	1	C	P600 . -D16, ..
D4140-01-17.00T18-C	17	25	59	T18	2	0,09	1	C	P600 . -D17, ..
D4140-01-18.00T18-D	18	27	61	T18	2	0,1	1	D	P600 . -D18, ..
D4140-01-19.00T22-D	19	28	64	T22	2	0,12	1	D	P600 . -D19, ..
D4140-01-20.00T22-E	20	30	66	T22	2	0,13	1	E	P600 . -D20, ..
D4140-01-21.00T22-E	21	31	68	T22	2	0,14	1	E	P600 . -D21, ..
D4140-01-22.00T22-F	22	33	72	T22	2	0,16	1	F	P600 . -D22, ..
D4140-01-23.00T28-F	23	34	74	T28	2	0,23	1	F	P600 . -D23, ..
D4140-01-24.00T28-G	24	36	76	T28	2	0,24	1	G	P600 . -D24, ..
D4140-01-25.00T28-G	25	37	79	T28	2	0,25	1	G	P600 . -D25, ..

Bodies and assembly parts are included in the scope of delivery

WALTER SELECT

Stability of machine, workpiece and clamping arrangement

→ Very good = 😊

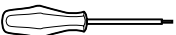
→ Good = 😊

→ Moderate = 😊

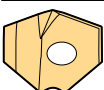
Assembly parts

	D _c [mm]	12-13	14-15	16-17	18-19	20-21	22-23	24-25
	Clamping screw for drill insert	FS1396 (T7IP)	FS1397 (T8IP)	FS1398 (T8IP)	FS1399 (T15IP)	FS1400 (T20IP)	FS1401 (T20IP)	FS1402 (T20IP)
	Tightening torque	1,2 Nm	2 Nm	2 Nm	4 Nm	5 Nm	5 Nm	5 Nm

Accessories

	D _c [mm]	12-13	14-17	18-19	20-25
	Torque screwdriver, analogue	FS2001	FS2003	FS2003	FS2003
	Interchangeable blade	FS2011 (T7IP)	FS2012 (T8IP)	FS2014 (T15IP)	FS2015 (T20IP)
	Screwdriver	FS2088 (T7IP)	FS1483 (T8IP)	FS1485 (T15IP)	FS1486 (T20IP)

Interchangeable inserts

	Designation	D _c mm	P		M	K	N	S
			WMP35	WPP25	WPP45C	WKK45C	WNN25	WMP35
	P6001-D..	12-25,8			☺			
	P6003-D..	12-25,8	☹		☹			☹
	P6004-D..	12-25,5					☹	
	P6005-D..	12-25,8				☹		
	P6006-D..	12-25,8	☺					

HC = Coated carbide

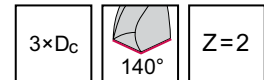
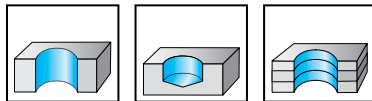
Exchangeable-tip drills

D4140

Drion-tec®

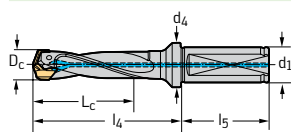


B1



	P	M	K	N	S	H	O
D4140	●	●	●	●	●		

Tool



Cylindrical shank with flat

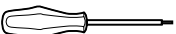
Designation	D _c mm	L _c mm	l ₄ mm	l ₅ mm	d ₁ mm	d ₄ mm	kg	No. of inserts	Seat size	Type
D4140-03-12.00F16-A	12	36	68	48	16	20	0,13	1	A	P600 . -D12, ..
D4140-03-13.00F16-A	13	41	72	48	16	20	0,14	1	A	P600 . -D13, ..
D4140-03-14.00F16-B	14	45	76	48	16	20	0,13	1	B	P600 . -D14, ..
D4140-03-15.00F16-B	15	48	80	48	16	20	0,15	1	B	P600 . -D15, ..
D4140-03-16.00F20-C	16	51	84	50	20	25	0,2	1	C	P600 . -D16, ..
D4140-03-17.00F20-C	17	54	88	50	20	25	0,22	1	C	P600 . -D17, ..
D4140-03-18.00F20-D	18	57	92	50	20	25	0,25	1	D	P600 . -D18, ..
D4140-03-19.00F20-D	19	61	96	50	20	25	0,26	1	D	P600 . -D19, ..
D4140-03-20.00F20-E	20	64	100	50	20	25	0,28	1	E	P600 . -D20, ..
D4140-03-21.00F20-E	21	67	104	50	20	25	0,27	1	E	P600 . -D21, ..
D4140-03-22.00F25-F	22	70	109	56	25	32	0,44	1	F	P600 . -D22, ..
D4140-03-23.00F25-F	23	73	113	56	25	32	0,46	1	F	P600 . -D23, ..
D4140-03-24.00F25-G	24	76	117	56	25	32	0,48	1	G	P600 . -D24, ..
D4140-03-25.00F25-G	25	80	121	56	25	32	0,5	1	G	P600 . -D25, ..
D4140-03-26.00F25-H	26	83	125	56	25	32	0,52	1	H	P600 . -D26, ..
D4140-03-27.00F25-H	27	86	129	56	25	32	0,55	1	H	P600 . -D27, ..
D4140-03-28.00F32-J	28	89	134	60	32	40	0,76	1	J	P600 . -D28, ..
D4140-03-29.00F32-J	29	92	138	60	32	40	0,85	1	J	P600 . -D29, ..
D4140-03-30.00F32-K	30	95	142	60	32	40	0,89	1	K	P600 . -D30, ..
D4140-03-31.00F32-K	31	99	146	60	32	40	0,92	1	K	P600 . -D31, ..
D4140-03-32.00F40-M	32	102	150	70	40	50	1,31	1	M	P600 . -D32, ..
D4140-03-33.00F40-M	33	105	154	70	40	50	1,38	1	M	P600 . -D33, ..
D4140-03-34.00F40-N	34	108	158	70	40	50	1,37	1	N	P600 . -D34, ..
D4140-03-35.00F40-N	35	111	162	70	40	50	1,43	1	N	P600 . -D35, ..
D4140-03-36.00F40-P	36	115	166	70	40	50	1,46	1	P	P600 . -D36, ..
D4140-03-37.00F40-P	37	118	170	70	40	50	1,54	1	P	P600 . -D37, ..

Bodies and assembly parts are included in the scope of delivery

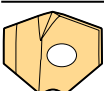
Assembly parts

	D _c [mm]	12-13	14-15	16-17	18-19	20-21	22-23	24-25	26-27	28-33	34-37
	Clamping screw for drill insert Tightening torque	FS1396 (T7IP) 1,2 Nm	FS1397 (T8IP) 2 Nm	FS1398 (T8IP) 2 Nm	FS1399 (T15IP) 4 Nm	FS1400 (T20IP) 5 Nm	FS1401 (T20IP) 5 Nm	FS1402 (T20IP) 5 Nm	FS1403 (T25IP) 5,5 Nm	FS1404 (T25IP) 5,5 Nm	FS2159 (T25IP) 5,5 Nm

Accessories

	D _c [mm]	12-13	14-17	18-19	20-25	26-37
	Torque T-handle					FS2041
	Torque screwdriver, analogue	FS2001	FS2003	FS2003	FS2003	
	Interchangeable blade	FS2011 (T7IP)	FS2012 (T8IP)	FS2014 (T15IP)	FS2015 (T20IP)	FS2049 (T25IP)
	Screwdriver	FS2088 (T7IP)	FS1483 (T8IP)	FS1485 (T15IP)	FS1486 (T20IP)	FS1487 (T25IP)

Interchangeable inserts

	Designation	D _c mm						
			P	M	K	N	S	
			HC	HC	HC	HC	HC	
			WMP35	WPP25	WPP45C	WMP35	WKK45C	WNN25
			WMP35	WPP25	WPP45C	WMP35	WKK45C	WNN25
	P6001-D..	12-38						
	P6003-D..	12-38						
	P6004-D..	12-31,5						
	P6005-D..	12-38						
	P6006-D..	12-38						

HC = Coated carbide

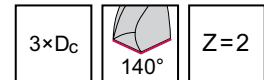
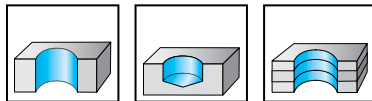
Exchangeable-tip drills

D4140 inch

Drion-tec®

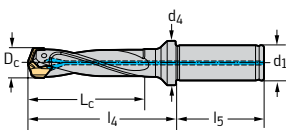


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	P	M	K	N	S	H	O
D4140	●	●	●	●	●		

Tool



Cylindrical shank with collar

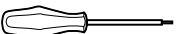
Designation	D _c inch	L _c inch	l ₄ inch	l ₅ inch	d ₁ inch	d ₄ inch	lbs	No. of inserts	Seat size	Type
D4140.03-12.00A15-A	0,472	1,496	2,677	1,890	0,625	0,787	0,287	1	A	P600 . -D12, ..
D4140.03-13.00A15-A	0,512	1,614	2,835	1,890	0,625	0,787	0,309	1	A	P600 . -D13, ..
D4140.03-14.00A15-B	0,551	1,772	2,992	1,890	0,625	0,787	0,353	1	B	P600 . -D14, ..
D4140.03-15.00A15-B	0,591	1,890	3,150	1,890	0,625	0,787	0,351	1	B	P600 . -D15, ..
D4140.03-16.00A19-C	0,630	2,008	3,307	2,031	0,750	0,984	0,485	1	C	P600 . -D16, ..
D4140.03-17.00A19-C	0,669	2,126	3,465	2,031	0,750	0,984	0,536	1	C	P600 . -D17, ..
D4140.03-18.00A19-D	0,709	2,244	3,622	2,031	0,750	0,984	0,551	1	D	P600 . -D18, ..
D4140.03-19.00A19-D	0,748	2,362	3,780	2,031	0,750	0,984	0,562	1	D	P600 . -D19, ..
D4140.03-20.00A19-E	0,787	2,48	3,937	2,031	0,750	0,984	0,615	1	E	P600 . -D20, ..
D4140.03-21.00A19-E	0,827	2,598	4,094	2,031	0,750	0,984	0,639	1	E	P600 . -D21, ..
D4140.03-22.00A26-F	0,866	2,756	4,291	2,281	1,000	1,260	1,019	1	F	P600 . -D22, ..
D4140.03-24.00A26-G	0,945	2,992	4,606	2,281	1,000	1,260	1,257	1	G	P600 . -D24, ..
D4140.03-26.00A26-H	1,024	3,268	4,921	2,281	1,000	1,260	1,213	1	H	P600 . -D26, ..
D4140.03-28.00A31-J	1,102	3,504	5,276	2,281	1,250	1,575	1,786	1	J	P600 . -D28, ..
D4140.03-30.00A31-K	1,181	3,74	5,591	2,281	1,250	1,575	1,94	1	K	P600 . -D30, ..

Bodies and assembly parts are included in the scope of delivery

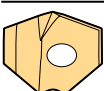
Assembly parts

	D _c [inch]	0,472–0,512	0,551–0,591	0,63–0,669	0,709–0,748	0,787–0,827	0,866	0,945	1,024	1,102–1,181
	Clamping screw for drill insert Tightening torque	FS1396 (T7IP) 0,885 lbs	FS1397 (T8IP) 1,475 lbs	FS1398 (T8IP) 1,475 lbs	FS1399 (T15IP) 2,95 lbs	FS1400 (T20IP) 3,688 lbs	FS1401 (T20IP) 3,688 lbs	FS1402 (T20IP) 3,688 lbs	FS1403 (T25IP) 4,057 lbs	FS1404 (T25IP) 4,057 lbs

Accessories

	D _c [inch]	0,472–0,512	0,551–0,669	0,709–0,748	0,787–0,945	1,024–1,181
	Torque T-handle					FS2042
	Torque screwdriver, analogue	FS2002	FS2004	FS2004	FS2004	
	Interchangeable blade	FS2011 (T7IP)	FS2012 (T8IP)	FS2014 (T15IP)	FS2015 (T20IP)	FS2049 (T25IP)
	Screwdriver	FS2088 (T7IP)	FS1483 (T8IP)	FS1485 (T15IP)	FS1486 (T20IP)	FS1487 (T25IP)

Interchangeable inserts

	Designation	D _c inch	P		M		K		N		S	
			WMP35	HC	WPP25	HC	WPP45C	HC	WMP35	HC	WMP35	HC
	P6001-D..	0,472–1,201										
	P6003-D..	0,472–1,201										
	P6004-D..	0,472–1,201										
	P6005-D..	0,472–1,201										
	P6006-D..	0,472–1,201										

HC = Coated carbide

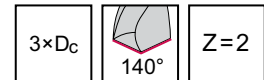
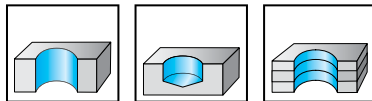
Exchangeable-tip drills

D4140 inch

Drion-tec®

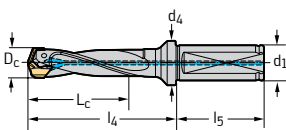


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	P	M	K	N	S	H	O
D4140	●	●	●	●	●		

Tool



Cylindrical shank with flat

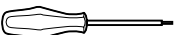
Designation	D _c inch	L _c inch	l ₄ inch	l ₅ inch	d ₁ inch	d ₄ inch	lbs	No. of inserts	Seat size	Type
D4140.03-12.00F15-A	0,472	1,496	2,677	1,890	0,625	0,787	0,311	1	A	P600 . -D12, ..
D4140.03-13.00F15-A	0,512	1,614	2,835	1,890	0,625	0,787	0,322	1	A	P600 . -D13, ..
D4140.03-14.00F15-B	0,551	1,772	2,992	1,890	0,625	0,787	0,282	1	B	P600 . -D14, ..
D4140.03-15.00F15-B	0,591	1,890	3,150	1,890	0,625	0,787	0,359	1	B	P600 . -D15, ..
D4140.03-16.00F19-C	0,630	2,008	3,307	2,031	0,750	0,984	0,485	1	C	P600 . -D16, ..
D4140.03-17.00F19-C	0,669	2,126	3,465	2,031	0,750	0,984	0,507	1	C	P600 . -D17, ..
D4140.03-18.00F19-D	0,709	2,244	3,622	2,031	0,750	0,984	0,538	1	D	P600 . -D18, ..
D4140.03-19.00F19-D	0,748	2,362	3,780	2,031	0,750	0,984	0,569	1	D	P600 . -D19, ..
D4140.03-20.00F19-E	0,787	2,520	3,937	2,031	0,750	0,984	0,602	1	E	P600 . -D20, ..
D4140.03-21.00F19-E	0,827	2,638	4,094	2,031	0,750	0,984	0,635	1	E	P600 . -D21, ..
D4140.03-22.00F26-F	0,866	2,756	4,291	2,281	1,000	1,260	0,999	1	F	P600 . -D22, ..
D4140.03-23.00F26-F	0,906	2,874	4,449	2,281	1,000	1,260	1,045	1	F	P600 . -D23, ..
D4140.03-24.00F26-G	0,945	2,992	4,606	2,281	1,000	1,260	1,082	1	G	P600 . -D24, ..
D4140.03-25.00F26-G	0,984	3,150	4,764	2,281	1,000	1,260	1,133	1	G	P600 . -D25, ..
D4140.03-26.00F26-H	1,024	3,268	4,921	2,281	1,000	1,260	1,184	1	H	P600 . -D26, ..
D4140.03-27.00F26-H	1,063	3,386	5,079	2,281	1,000	1,260	1,265	1	H	P600 . -D27, ..
D4140.03-28.00F31-J	1,102	3,504	5,276	2,281	1,250	1,575	1,706	1	J	P600 . -D28, ..
D4140.03-29.00F31-J	1,142	3,622	5,433	2,281	1,250	1,575	1,843	1	J	P600 . -D29, ..
D4140.03-30.00F31-K	1,181	3,74	5,591	2,281	1,250	1,575	1,905	1	K	P600 . -D30, ..
D4140.03-31.00F31-K	1,22	3,898	5,748	2,281	1,250	1,575	1,973	1	K	P600 . -D31, ..
D4140.03-32.00F31-M	1,260	4,016	5,906	2,281	1,250	1,575	2,006	1	M	P600 . -D32, ..
D4140.03-33.00F31-M	1,299	4,134	6,063	2,281	1,250	1,575	2,083	1	M	P600 . -D33, ..
D4140.03-34.00F38-N	1,339	4,252	6,22	2,688	1,500	1,969	2,806	1	N	P600 . -D34, ..
D4140.03-35.00F38-N	1,378	4,37	6,378	2,688	1,500	1,969	2,989	1	N	P600 . -D35, ..
D4140.03-36.00F38-P	1,417	4,528	6,535	2,688	1,500	1,969	2,954	1	P	P600 . -D36, ..
D4140.03-37.00F38-P	1,457	4,646	6,693	2,688	1,500	1,969	3,153	1	P	P600 . -D37, ..

Bodies and assembly parts are included in the scope of delivery

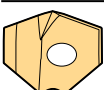
Assembly parts

	D _c [inch]	0,472–0,512	0,551–0,591	0,63–0,669	0,709–0,748	0,787–0,827	0,866–0,906	0,945–0,984	1,024–1,063	1,102–1,299	1,339–1,457
	Clamping screw for drill insert Tightening torque	FS1396 (T7IP) 0,885 lbs	FS1397 (T8IP) 1,475 lbs	FS1398 (T8IP) 1,475 lbs	FS1399 (T15IP) 2,95 lbs	FS1400 (T20IP) 3,688 lbs	FS1401 (T20IP) 3,688 lbs	FS1402 (T20IP) 3,688 lbs	FS1403 (T25IP) 4,057 lbs	FS1404 (T25IP) 4,057 lbs	FS2159 (T25IP) 4,057 lbs

Accessories

	D _c [inch]	0,472–0,512	0,551–0,669	0,709–0,748	0,787–0,984	1,024–1,457
	Torque T-handle					FS2042
	Torque screwdriver, analogue	FS2002	FS2004	FS2004	FS2004	
	Interchangeable blade	FS2011 (T7IP)	FS2012 (T8IP)	FS2014 (T15IP)	FS2015 (T20IP)	FS2049 (T25IP)
	Screwdriver	FS2088 (T7IP)	FS1483 (T8IP)	FS1485 (T15IP)	FS1486 (T20IP)	FS1487 (T25IP)

Interchangeable inserts

	Designation	D _c inch	P		M		K		N		S	
			HC		HC		HC		HC		HC	
			WMP35	WPP25	WPP45C	WMP35	WKK45C	WNN25	WMP35	WPP25	WPP45C	WMP35
	P6001-D..	0,472–1,496			☼							
	P6003-D..	0,472–1,496	☼			☼						☼
	P6004-D..	0,472–1,240						☼				
	P6005-D..	0,472–1,496				☼						
	P6006-D..	0,472–1,496		☼								

HC = Coated carbide

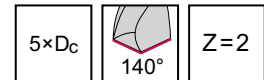
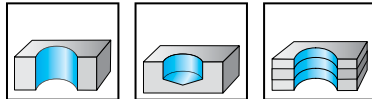
Exchangeable-tip drills

D4140 mm

Drion-tec®

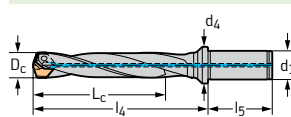


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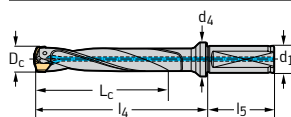
	P	M	K	N	S	H	O
D4140	●	●	●	●	●	●	●

Tool



Cylindrical shank with collar

Designation	D _c mm	L _c mm	l ₄ mm	l ₅ mm	d ₁ mm	d ₄ mm	kg	No. of inserts	Seat size	Type
D4140-05-12.00A16-A	12	62	92	48	16	20	0,15	1	A	P600 . -D12, ..
D4140-05-13.00A16-A	13	67	98	48	16	20	0,16	1	A	P600 . -D13, ..
D4140-05-14.00A16-B	14	73	104	48	16	20	0,15	1	B	P600 . -D14, ..
D4140-05-15.00A16-B	15	78	110	48	16	20	0,16	1	B	P600 . -D15, ..
D4140-05-16.00A20-C	16	83	116	50	20	25	0,26	1	C	P600 . -D16, ..
D4140-05-17.00A20-C	17	88	122	50	20	25	0,26	1	C	P600 . -D17, ..
D4140-05-18.00A20-D	18	93	128	50	20	25	0,3	1	D	P600 . -D18, ..
D4140-05-19.00A20-D	19	98	134	50	20	25	0,29	1	D	P600 . -D19, ..
D4140-05-20.00A20-E	20	104	140	50	20	25	0,34	1	E	P600 . -D20, ..
D4140-05-21.00A20-E	21	109	146	50	20	25	0,38	1	E	P600 . -D21, ..
D4140-05-22.00A25-F	22	114	153	56	25	32	0,53	1	F	P600 . -D22, ..
D4140-05-23.00A25-F	23	119	159	56	25	32	0,56	1	F	P600 . -D23, ..
D4140-05-24.00A25-G	24	124	165	56	25	32	0,59	1	G	P600 . -D24, ..
D4140-05-25.00A25-G	25	130	171	56	25	32	0,62	1	G	P600 . -D25, ..
D4140-05-26.00A25-H	26	135	177	56	25	32	0,6	1	H	P600 . -D26, ..
D4140-05-27.00A25-H	27	140	183	56	25	32	0,7	1	H	P600 . -D27, ..
D4140-05-28.00A32-J	28	145	190	60	32	40	0,8	1	J	P600 . -D28, ..
D4140-05-29.00A32-J	29	150	196	60	32	40	1	1	J	P600 . -D29, ..
D4140-05-30.00A32-K	30	155	202	60	32	40	1	1	K	P600 . -D30, ..
D4140-05-31.00A32-K	31	161	208	60	32	40	1,14	1	K	P600 . -D31, ..



Cylindrical shank with flat

D4140-05-12.00F16-A	12	62	92	48	16	20	0,14	1	A	P600 . -D12, ..
D4140-05-13.00F16-A	13	67	98	48	16	20	0,14	1	A	P600 . -D13, ..
D4140-05-14.00F16-B	14	73	104	48	16	20	0,16	1	B	P600 . -D14, ..
D4140-05-15.00F16-B	15	78	110	48	16	20	0,18	1	B	P600 . -D15, ..
D4140-05-16.00F20-C	16	83	116	50	20	25	0,24	1	C	P600 . -D16, ..
D4140-05-17.00F20-C	17	88	122	50	20	25	0,25	1	C	P600 . -D17, ..
D4140-05-18.00F20-D	18	93	128	50	20	25	0,29	1	D	P600 . -D18, ..
D4140-05-19.00F20-D	19	98	134	50	20	25	0,28	1	D	P600 . -D19, ..
D4140-05-20.00F20-E	20	104	140	50	20	25	0,31	1	E	P600 . -D20, ..
D4140-05-21.00F20-E	21	109	146	50	20	25	0,37	1	E	P600 . -D21, ..
D4140-05-22.00F25-F	22	114	153	56	25	32	0,53	1	F	P600 . -D22, ..
D4140-05-23.00F25-F	23	119	159	56	25	32	0,56	1	F	P600 . -D23, ..
D4140-05-24.00F25-G	24	124	165	56	25	32	0,59	1	G	P600 . -D24, ..
D4140-05-25.00F25-G	25	130	171	56	25	32	0,62	1	G	P600 . -D25, ..
D4140-05-26.00F25-H	26	135	177	56	25	32	0,65	1	H	P600 . -D26, ..

Bodies and assembly parts are included in the scope of delivery

WALTER SELECT

Stability of machine, workpiece and clamping arrangement

→ Very good =

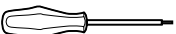
→ Good =

→ Moderate =

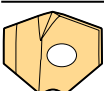
Assembly parts

	D _c [mm]	12-13	14-15	16-17	18-19	20-21	22-23	24-25	26-27	28-33	34-37
	Clamping screw for drill insert Tightening torque	FS1396 (T7IP) 1,2 Nm	FS1397 (T8IP) 2 Nm	FS1398 (T8IP) 2 Nm	FS1399 (T15IP) 4 Nm	FS1400 (T20IP) 5 Nm	FS1401 (T20IP) 5 Nm	FS1402 (T20IP) 5 Nm	FS1403 (T25IP) 5,5 Nm	FS1404 (T25IP) 5,5 Nm	FS2159 (T25IP) 5,5 Nm

Accessories

	D _c [mm]	12-13	14-17	18-19	20-25	26-37
	Torque T-handle					FS2041
	Torque screwdriver, analogue	FS2001	FS2003	FS2003	FS2003	
	Interchangeable blade	FS2011 (T7IP)	FS2012 (T8IP)	FS2014 (T15IP)	FS2015 (T20IP)	FS2049 (T25IP)
	Screwdriver	FS2088 (T7IP)	FS1483 (T8IP)	FS1485 (T15IP)	FS1486 (T20IP)	FS1487 (T25IP)

Interchangeable inserts

	Designation	D _c mm						
			P	M	K	N	S	
			HC	HC	HC	HC	HC	
			WMP35	WPP25	WPP45C	WMP35	WKK45C	WNN25
			WMP35	WPP25	WPP45C	WMP35	WKK45C	WNN25
	P6001-D..	12-38						
	P6003-D..	12-38						
	P6004-D..	12-31,5						
	P6005-D..	12-38						
	P6006-D..	12-38						

HC = Coated carbide

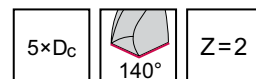
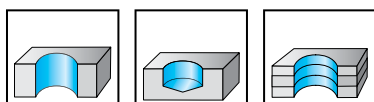
Exchangeable-tip drills

D4140

Drion-tec®

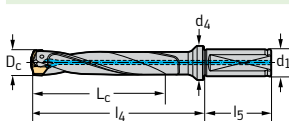


B1



	P	M	K	N	S	H	O
D4140	●	●	●	●	●	●	●

Tool



Cylindrical shank with flat

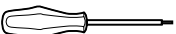
Designation	D _c mm	L _c mm	l ₄ mm	l ₅ mm	d ₁ mm	d ₄ mm	kg	No. of inserts	Seat size	Type
D4140-05-27.00F25-H	27	140	183	56	25	32	0,69	1	H	P600 . -D27, ..
D4140-05-28.00F32-J	28	145	190	60	32	40	0,97	1	J	P600 . -D28, ..
D4140-05-29.00F32-J	29	150	196	60	32	40	1	1	J	P600 . -D29, ..
D4140-05-30.00F32-K	30	155	202	60	32	40	1,05	1	K	P600 . -D30, ..
D4140-05-31.00F32-K	31	161	208	60	32	40	1,12	1	K	P600 . -D31, ..
D4140-05-32.00F40-M	32	166	214	70	40	50	1,51	1	M	P600 . -D32, ..
D4140-05-33.00F40-M	33	171	220	70	40	50	1,55	1	M	P600 . -D33, ..
D4140-05-34.00F40-N	34	176	226	70	40	50	1,61	1	N	P600 . -D34, ..
D4140-05-35.00F40-N	35	181	232	70	40	50	1,66	1	N	P600 . -D35, ..
D4140-05-36.00F40-P	36	187	238	70	40	50	1,72	1	P	P600 . -D36, ..
D4140-05-37.00F40-P	37	192	244	70	40	50	1,78	1	P	P600 . -D37, ..

Bodies and assembly parts are included in the scope of delivery

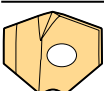
Assembly parts

	D _c [mm]	12-13	14-15	16-17	18-19	20-21	22-23	24-25	26-27	28-33	34-37
	Clamping screw for drill insert Tightening torque	FS1396 (T7IP) 1,2 Nm	FS1397 (T8IP) 2 Nm	FS1398 (T8IP) 2 Nm	FS1399 (T15IP) 4 Nm	FS1400 (T20IP) 5 Nm	FS1401 (T20IP) 5 Nm	FS1402 (T20IP) 5 Nm	FS1403 (T25IP) 5,5 Nm	FS1404 (T25IP) 5,5 Nm	FS2159 (T25IP) 5,5 Nm

Accessories

	D _c [mm]	12-13	14-17	18-19	20-25	26-37
	Torque T-handle					FS2041
	Torque screwdriver, analogue	FS2001	FS2003	FS2003	FS2003	
	Interchangeable blade	FS2011 (T7IP)	FS2012 (T8IP)	FS2014 (T15IP)	FS2015 (T20IP)	FS2049 (T25IP)
	Screwdriver	FS2088 (T7IP)	FS1483 (T8IP)	FS1485 (T15IP)	FS1486 (T20IP)	FS1487 (T25IP)

Interchangeable inserts

	Designation	D _c mm						
			P	M	K	N	S	
			HC	HC	HC	HC	HC	
			WMP35	WPP25	WPP45C	WMP35	WKK45C	WNN25
			WMP35	WPP25	WPP45C	WMP35	WKK45C	WNN25
	P6001-D..	12-38						
	P6003-D..	12-38						
	P6004-D..	12-31,5						
	P6005-D..	12-38						
	P6006-D..	12-38						

HC = Coated carbide

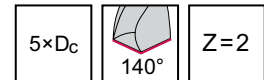
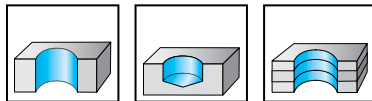
Exchangeable-tip drills

D4140 inch

Drion-tec®

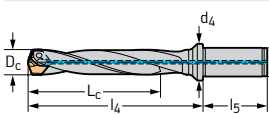


B1



	P	M	K	N	S	H	O
D4140	●	●	●	●	●		

Tool



Cylindrical shank with collar

Designation

D_c
inch

L_c
inch

l₄
inch

l₅
inch

d₁
inch

d₄
inch



No. of
inserts

Seat
size

Type

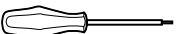
D4140.05-12.00A15-A	0,472	2,441	3,622	1,890	0,625	0,787	0,348	1	A	P600 . -D12, ..
D4140.05-13.00A15-A	0,512	2,638	3,858	1,890	0,625	0,787	0,37	1	A	P600 . -D13, ..
D4140.05-14.00A15-B	0,551	2,874	4,094	1,890	0,625	0,787	0,39	1	B	P600 . -D14, ..
D4140.05-15.00A15-B	0,591	3,071	4,331	1,890	0,625	0,787	0,417	1	B	P600 . -D15, ..
D4140.05-16.00A19-C	0,630	3,268	4,567	2,031	0,750	0,984	0,560	1	C	P600 . -D16, ..
D4140.05-17.00A19-C	0,669	3,465	4,803	2,031	0,750	0,984	0,551	1	C	P600 . -D17, ..
D4140.05-18.00A19-D	0,709	3,661	5,039	2,031	0,750	0,984	0,619	1	D	P600 . -D18, ..
D4140.05-19.00A19-D	0,748	3,858	5,276	2,031	0,750	0,984	0,705	1	D	P600 . -D19, ..
D4140.05-20.00A19-E	0,787	4,094	5,512	2,031	0,750	0,984	0,765	1	E	P600 . -D20, ..
D4140.05-21.00A19-E	0,827	4,291	5,748	2,031	0,750	0,984	0,814	1	E	P600 . -D21, ..
D4140.05-22.00A26-F	0,866	4,488	6,024	2,281	1,000	1,260	1,19	1	F	P600 . -D22, ..
D4140.05-24.00A26-G	0,945	4,882	6,496	2,281	1,000	1,260	1,323	1	G	P600 . -D24, ..
D4140.05-26.00A26-H	1,024	5,315	6,968	2,281	1,000	1,260	1,49	1	H	P600 . -D26, ..
D4140.05-28.00A31-J	1,102	5,709	7,48	2,281	1,250	1,575	1,947	1	J	P600 . -D28, ..
D4140.05-30.00A31-K	1,181	6,102	7,953	2,281	1,250	1,575	2,313	1	K	P600 . -D30, ..

Bodies and assembly parts are included in the scope of delivery

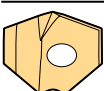
Assembly parts

	D _c [inch]	0,472–0,512	0,551–0,591	0,63–0,669	0,709–0,748	0,787–0,827	0,866	0,945	1,024	1,102–1,181
	Clamping screw for drill insert Tightening torque	FS1396 (T7IP) 0,885 lbs	FS1397 (T8IP) 1,475 lbs	FS1398 (T8IP) 1,475 lbs	FS1399 (T15IP) 2,95 lbs	FS1400 (T20IP) 3,688 lbs	FS1401 (T20IP) 3,688 lbs	FS1402 (T20IP) 3,688 lbs	FS1403 (T25IP) 4,057 lbs	FS1404 (T25IP) 4,057 lbs

Accessories

	D _c [inch]	0,472–0,512	0,551–0,669	0,709–0,748	0,787–0,945	1,024–1,181
	Torque T-handle					FS2042
	Torque screwdriver, analogue	FS2002	FS2004	FS2004	FS2004	
	Interchangeable blade	FS2011 (T7IP)	FS2012 (T8IP)	FS2014 (T15IP)	FS2015 (T20IP)	FS2049 (T25IP)
	Screwdriver	FS2088 (T7IP)	FS1483 (T8IP)	FS1485 (T15IP)	FS1486 (T20IP)	FS1487 (T25IP)

Interchangeable inserts

	Designation	D _c inch	P		M		K		N		S	
			HC		HC		HC		HC		HC	
			WMP35	WPP25	WPP45C	WMP35	WKK45C	WNN25	WMP35			
	P6001-D..	0,472–1,201			★							
	P6003-D..	0,472–1,201	★			★					★	
	P6004-D..	0,472–1,201							★			
	P6005-D..	0,472–1,201				★						
	P6006-D..	0,472–1,201	★									

HC = Coated carbide

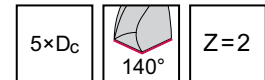
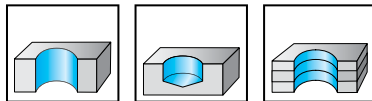
Exchangeable-tip drills

D4140 inch

Drion-tec®

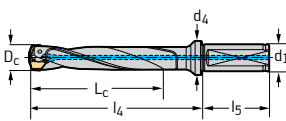


B1



	P	M	K	N	S	H	O
D4140	●	●	●	●	●		

Tool



Cylindrical shank with flat

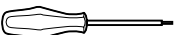
Designation	D _c inch	L _c inch	I _d inch	I _s inch	d ₁ inch	d ₄ inch	lbs	No. of inserts	Seat size	Type
D4140.05-12.00F15-A	0,472	2,441	3,622	1,890	0,625	0,787	0,340	1	A	P600 . -D12, ..
D4140.05-13.00F15-A	0,512	2,638	3,858	1,890	0,625	0,787	0,302	1	A	P600 . -D13, ..
D4140.05-14.00F15-B	0,551	2,874	4,094	1,890	0,625	0,787	0,379	1	B	P600 . -D14, ..
D4140.05-15.00F15-B	0,591	3,071	4,331	1,890	0,625	0,787	0,406	1	B	P600 . -D15, ..
D4140.05-16.00F19-C	0,630	3,268	4,567	2,031	0,750	0,984	0,551	1	C	P600 . -D16, ..
D4140.05-17.00F19-C	0,669	3,465	4,803	2,031	0,750	0,984	0,573	1	C	P600 . -D17, ..
D4140.05-18.00F19-D	0,709	3,661	5,039	2,031	0,750	0,984	0,622	1	D	P600 . -D18, ..
D4140.05-19.00F19-D	0,748	3,858	5,276	2,031	0,750	0,984	0,666	1	D	P600 . -D19, ..
D4140.05-20.00F19-E	0,787	4,094	5,512	2,031	0,750	0,984	0,750	1	E	P600 . -D20, ..
D4140.05-21.00F19-E	0,827	4,291	5,748	2,031	0,750	0,984	0,798	1	E	P600 . -D21, ..
D4140.05-22.00F26-F	0,866	4,488	6,024	2,281	1,000	1,260	1,19	1	F	P600 . -D22, ..
D4140.05-23.00F26-F	0,906	4,685	6,260	2,281	1,000	1,260	1,263	1	F	P600 . -D23, ..
D4140.05-24.00F26-G	0,945	4,882	6,496	2,281	1,000	1,260	1,316	1	G	P600 . -D24, ..
D4140.05-25.00F26-G	0,984	5,118	6,732	2,281	1,000	1,260	1,400	1	G	P600 . -D25, ..
D4140.05-26.00F26-H	1,024	5,315	6,968	2,281	1,000	1,260	1,464	1	H	P600 . -D26, ..
D4140.05-27.00F26-H	1,063	5,512	7,205	2,281	1,000	1,260	1,537	1	H	P600 . -D27, ..
D4140.05-28.00F31-J	1,102	5,709	7,48	2,281	1,250	1,575	2,079	1	J	P600 . -D28, ..
D4140.05-29.00F31-J	1,142	5,906	7,717	2,281	1,250	1,575	2,18	1	J	P600 . -D29, ..
D4140.05-30.00F31-K	1,181	6,339	7,953	2,281	1,250	1,575	2,271	1	K	P600 . -D30, ..
D4140.05-31.00F31-K	1,22	6,339	8,189	2,281	1,250	1,575	2,394	1	K	P600 . -D31, ..
D4140.05-32.00F31-M	1,260	6,535	8,425	2,281	1,250	1,575	2,429	1	M	P600 . -D32, ..
D4140.05-33.00F31-M	1,299	6,732	8,661	2,281	1,250	1,575	2,551	1	M	P600 . -D33, ..
D4140.05-34.00F38-N	1,339	6,929	8,898	2,688	1,500	1,969	3,331	1	N	P600 . -D34, ..
D4140.05-35.00F38-N	1,378	7,126	9,134	2,688	1,500	1,969	3,417	1	N	P600 . -D35, ..
D4140.05-36.00F38-P	1,417	7,362	9,37	2,688	1,500	1,969	3,578	1	P	P600 . -D36, ..
D4140.05-37.00F38-P	1,457	7,559	9,606	2,688	1,500	1,969	3,704	1	P	P600 . -D37, ..

Bodies and assembly parts are included in the scope of delivery

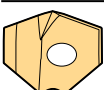
Assembly parts

	D _c [inch]	0,472–0,512	0,551–0,591	0,63–0,669	0,709–0,748	0,787–0,827	0,866–0,906	0,945–0,984	1,024–1,063	1,102–1,299	1,339–1,457
	Clamping screw for drill insert Tightening torque	FS1396 (T7IP) 0,885 lbs	FS1397 (T8IP) 1,475 lbs	FS1398 (T8IP) 1,475 lbs	FS1399 (T15IP) 2,95 lbs	FS1400 (T20IP) 3,688 lbs	FS1401 (T20IP) 3,688 lbs	FS1402 (T20IP) 3,688 lbs	FS1403 (T25IP) 4,057 lbs	FS1404 (T25IP) 4,057 lbs	FS2159 (T25IP) 4,057 lbs

Accessories

	D _c [inch]	0,472–0,512	0,551–0,669	0,709–0,748	0,787–0,984	1,024–1,457
	Torque T-handle					FS2042
	Torque screwdriver, analogue	FS2002	FS2004	FS2004	FS2004	
	Interchangeable blade	FS2011 (T7IP)	FS2012 (T8IP)	FS2014 (T15IP)	FS2015 (T20IP)	FS2049 (T25IP)
	Screwdriver	FS2088 (T7IP)	FS1483 (T8IP)	FS1485 (T15IP)	FS1486 (T20IP)	FS1487 (T25IP)

Interchangeable inserts

	Designation	D _c inch	P		M		K		N		S	
			HC		HC		HC		HC		HC	
			WMP35	WPP25	WPP45C	WMP35	WKK45C	WNN25	WMP35	WPP25	WPP45C	WMP35
	P6001-D..	0,472–1,496			☺							
	P6003-D..	0,472–1,496	☺			☺						☺
	P6004-D..	0,472–1,240						☺				
	P6005-D..	0,472–1,496				☺						
	P6006-D..	0,472–1,496		☺								

HC = Coated carbide

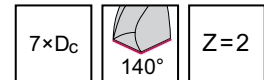
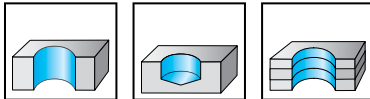
Exchangeable-tip drills

D4140 mm

Drion-tec®

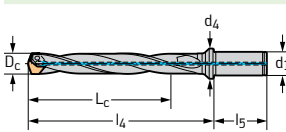


B1



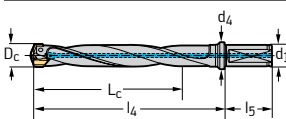
	P	M	K	N	S	H	O
D4140	●	●	●	●	●	●	●

Tool



Cylindrical shank with collar

Designation	D _c mm	L _c mm	l ₄ mm	l ₅ mm	d ₁ mm	d ₄ mm	kg	No. of inserts	Seat size	Type
D4140-07-12.00A16-A	12	86	116	48	16	20	0,17	1	A	P600 . -D12, ..
D4140-07-13.00A16-A	13	93	124	48	16	20	0,18	1	A	P600 . -D13, ..
D4140-07-14.00A16-B	14	101	132	48	16	20	0,2	1	B	P600 . -D14, ..
D4140-07-15.00A16-B	15	108	140	48	16	20	0,23	1	B	P600 . -D15, ..
D4140-07-16.00A20-C	16	115	148	50	20	25	0,31	1	C	P600 . -D16, ..
D4140-07-17.00A20-C	17	122	156	50	20	25	0,33	1	C	P600 . -D17, ..
D4140-07-18.00A20-D	18	133	164	50	20	25	0,35	1	D	P600 . -D18, ..
D4140-07-19.00A20-D	19	136	172	50	20	25	0,37	1	D	P600 . -D19, ..
D4140-07-20.00A20-E	20	144	180	50	20	25	0,4	1	E	P600 . -D20, ..
D4140-07-21.00A20-E	21	151	188	50	20	25	0,43	1	E	P600 . -D21, ..
D4140-07-22.00A25-F	22	158	197	56	25	32	0,61	1	F	P600 . -D22, ..
D4140-07-23.00A25-F	23	165	205	56	25	32	0,65	1	F	P600 . -D23, ..
D4140-07-24.00A25-G	24	172	213	56	25	32	0,69	1	G	P600 . -D24, ..
D4140-07-25.00A25-G	25	180	221	56	25	32	0,76	1	G	P600 . -D25, ..
D4140-07-26.00A25-H	26	187	229	56	25	32	0,8	1	H	P600 . -D26, ..
D4140-07-27.00A25-H	27	194	237	56	25	32	0,84	1	H	P600 . -D27, ..
D4140-07-28.00A32-J	28	201	246	60	32	40	1,04	1	J	P600 . -D28, ..
D4140-07-29.00A32-J	29	208	254	60	32	40	1	1	J	P600 . -D29, ..
D4140-07-30.00A32-K	30	215	262	60	32	40	1,24	1	K	P600 . -D30, ..
D4140-07-31.00A32-K	31	223	270	60	32	40	1,3	1	K	P600 . -D31, ..



Cylindrical shank with flat

D4140-07-12.00F16-A	12	86	116	48	16	20	0,16	1	A	P600 . -D12, ..
D4140-07-13.00F16-A	13	93	124	48	16	20	0,17	1	A	P600 . -D13, ..
D4140-07-14.00F16-B	14	101	132	48	16	20	0,19	1	B	P600 . -D14, ..
D4140-07-15.00F16-B	15	108	140	48	16	20	0,2	1	B	P600 . -D15, ..
D4140-07-16.00F20-C	16	115	148	50	20	25	0,3	1	C	P600 . -D16, ..
D4140-07-17.00F20-C	17	122	156	50	20	25	0,32	1	C	P600 . -D17, ..
D4140-07-18.00F20-D	18	126	164	50	20	25	0,34	1	D	P600 . -D18, ..
D4140-07-19.00F20-D	19	136	172	50	20	25	0,37	1	D	P600 . -D19, ..
D4140-07-20.00F20-E	20	144	180	50	20	25	0,39	1	E	P600 . -D20, ..
D4140-07-21.00F20-E	21	151	188	50	20	25	0,43	1	E	P600 . -D21, ..
D4140-07-22.00F25-F	22	158	197	56	25	32	0,6	1	F	P600 . -D22, ..
D4140-07-23.00F25-F	23	165	205	56	25	32	0,64	1	F	P600 . -D23, ..
D4140-07-24.00F25-G	24	172	213	56	25	32	0,68	1	G	P600 . -D24, ..
D4140-07-25.00F25-G	25	180	221	56	25	32	0,71	1	G	P600 . -D25, ..
D4140-07-26.00F25-H	26	187	229	56	25	32	0,78	1	H	P600 . -D26, ..

Bodies and assembly parts are included in the scope of delivery

WALTER SELECT

Stability of machine, workpiece and clamping arrangement

→ Very good =

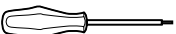
→ Good =

→ Moderate =

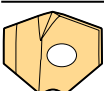
Assembly parts

	D _c [mm]	12-13	14-15	16-17	18-19	20-21	22-23	24-25	26-27	28-33	34-37
	Clamping screw for drill insert Tightening torque	FS1396 (T7IP) 1,2 Nm	FS1397 (T8IP) 2 Nm	FS1398 (T8IP) 2 Nm	FS1399 (T15IP) 4 Nm	FS1400 (T20IP) 5 Nm	FS1401 (T20IP) 5 Nm	FS1402 (T20IP) 5 Nm	FS1403 (T25IP) 5,5 Nm	FS1404 (T25IP) 5,5 Nm	FS2159 (T25IP) 5,5 Nm

Accessories

	D _c [mm]	12-13	14-17	18-19	20-25	26-37
	Torque T-handle					FS2041
	Torque screwdriver, analogue	FS2001	FS2003	FS2003	FS2003	
	Interchangeable blade	FS2011 (T7IP)	FS2012 (T8IP)	FS2014 (T15IP)	FS2015 (T20IP)	FS2049 (T25IP)
	Screwdriver	FS2088 (T7IP)	FS1483 (T8IP)	FS1485 (T15IP)	FS1486 (T20IP)	FS1487 (T25IP)

Interchangeable inserts

	Designation	D _c mm	P		M		K		N		S	
			WMP35	HC	WPP25	HC	WPP45C	HC	WKK45C	HC	WNN25	HC
	P6001-D..	12-38										
	P6003-D..	12-38										
	P6004-D..	12-31,5										
	P6005-D..	12-38										
	P6006-D..	12-38										

HC = Coated carbide

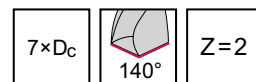
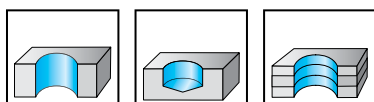
Exchangeable-tip drills

D4140 mm

Drion-tec®

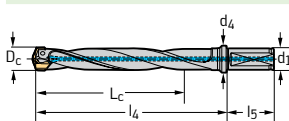


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	P	M	K	N	S	H	O
D4140	●	●	●	●	●	●	●

Tool



Cylindrical shank with flat

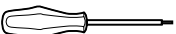
Designation	D _c mm	L _c mm	l ₄ mm	l ₅ mm	d ₁ mm	d ₄ mm	kg	No. of inserts	Seat size	Type
D4140-07-27.00F25-H	27	194	237	56	25	32	0,82	1	H	P600 . -D27, ..
D4140-07-28.00F32-J	28	201	246	60	32	40	1,04	1	J	P600 . -D28, ..
D4140-07-29.00F32-J	29	208	254	60	32	40	1,14	1	J	P600 . -D29, ..
D4140-07-30.00F32-K	30	215	262	60	32	40	1,24	1	K	P600 . -D30, ..
D4140-07-31.00F32-K	31	223	270	60	32	40	1,28	1	K	P600 . -D31, ..
D4140-07-32.00F40-M	32	230	278	70	40	50	1,8	1	M	P600 . -D32, ..
D4140-07-33.00F40-M	33	237	286	70	40	50	1,86	1	M	P600 . -D33, ..
D4140-07-34.00F40-N	34	244	294	70	40	50	1,94	1	N	P600 . -D34, ..
D4140-07-35.00F40-N	35	251	302	70	40	50	2,06	1	N	P600 . -D35, ..
D4140-07-36.00F40-P	36	259	310	70	40	50	2,09	1	P	P600 . -D36, ..
D4140-07-37.00F40-P	37	266	318	70	40	50	2,21	1	P	P600 . -D37, ..

Bodies and assembly parts are included in the scope of delivery

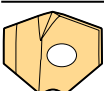
Assembly parts

	D _c [mm]	12-13	14-15	16-17	18-19	20-21	22-23	24-25	26-27	28-33	34-37
	Clamping screw for drill insert Tightening torque	FS1396 (T7IP) 1,2 Nm	FS1397 (T8IP) 2 Nm	FS1398 (T8IP) 2 Nm	FS1399 (T15IP) 4 Nm	FS1400 (T20IP) 5 Nm	FS1401 (T20IP) 5 Nm	FS1402 (T20IP) 5 Nm	FS1403 (T25IP) 5,5 Nm	FS1404 (T25IP) 5,5 Nm	FS2159 (T25IP) 5,5 Nm

Accessories

	D _c [mm]	12-13	14-17	18-19	20-25	26-37
	Torque T-handle					FS2041
	Torque screwdriver, analogue	FS2001	FS2003	FS2003	FS2003	
	Interchangeable blade	FS2011 (T7IP)	FS2012 (T8IP)	FS2014 (T15IP)	FS2015 (T20IP)	FS2049 (T25IP)
	Screwdriver	FS2088 (T7IP)	FS1483 (T8IP)	FS1485 (T15IP)	FS1486 (T20IP)	FS1487 (T25IP)

Interchangeable inserts

	Designation	D _c mm	P		M		K		N		S	
			WMP35	HC	WPP25	HC	WPP45C	HC	WKK45C	HC	WNN25	HC
	P6001-D..	12-38										
	P6003-D..	12-38										
	P6004-D..	12-31,5										
	P6005-D..	12-38										
	P6006-D..	12-38										

HC = Coated carbide

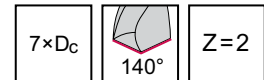
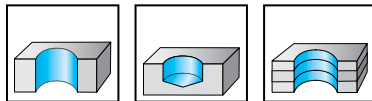
Exchangeable-tip drills

D4140 inch

Drion-tec®

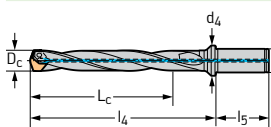


B1



	P	M	K	N	S	H	O
D4140	●	●	●	●	●		

Tool



Cylindrical shank with collar

Designation

D_c
inch

L_c
inch

l₄
inch

l₅
inch

d₁
inch

d₄
inch

lbs

No. of
inserts

Seat
size

Type

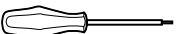
D4140.07-12.00A15-A	0,472	3,386	4,567	1,890	0,625	0,787	0,377	1	A	P600 . -D12, ..
D4140.07-13.00A15-A	0,512	3,661	4,882	1,890	0,625	0,787	0,406	1	A	P600 . -D13, ..
D4140.07-14.00A15-B	0,551	3,976	5,197	1,890	0,625	0,787	0,419	1	B	P600 . -D14, ..
D4140.07-15.00A15-B	0,591	4,252	5,512	1,890	0,625	0,787	0,467	1	B	P600 . -D15, ..
D4140.07-16.00A19-C	0,630	4,528	5,827	2,031	0,750	0,984	0,659	1	C	P600 . -D16, ..
D4140.07-17.00A19-C	0,669	4,803	6,142	2,031	0,750	0,984	0,710	1	C	P600 . -D17, ..
D4140.07-18.00A19-D	0,709	5,079	6,457	2,031	0,750	0,984	0,750	1	D	P600 . -D18, ..
D4140.07-19.00A19-D	0,748	5,354	6,772	2,031	0,750	0,984	0,805	1	D	P600 . -D19, ..
D4140.07-20.00A19-E	0,787	5,669	7,087	2,031	0,750	0,984	0,875	1	E	P600 . -D20, ..
D4140.07-21.00A19-E	0,827	5,945	7,402	2,031	0,750	0,984	0,946	1	E	P600 . -D21, ..
D4140.07-22.00A26-F	0,866	6,22	7,756	2,281	1,000	1,260	1,345	1	F	P600 . -D22, ..
D4140.07-24.00A26-G	0,945	6,772	8,386	2,281	1,000	1,260	1,541	1	G	P600 . -D24, ..
D4140.07-26.00A26-H	1,024	7,362	9,016	2,281	1,000	1,260	1,720	1	H	P600 . -D26, ..
D4140.07-28.00A31-J	1,102	7,913	9,685	2,281	1,250	1,575	2,427	1	J	P600 . -D28, ..
D4140.07-30.00A31-K	1,181	8,465	10,315	2,281	1,250	1,575	2,668	1	K	P600 . -D30, ..

Bodies and assembly parts are included in the scope of delivery

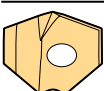
Assembly parts

D _c [inch]	0,472–0,512	0,551–0,591	0,63–0,669	0,709–0,748	0,787–0,827	0,866	0,945	1,024	1,102–1,181
 Clamping screw for drill insert	FS1396 (T7IP)	FS1397 (T8IP)	FS1398 (T8IP)	FS1399 (T15IP)	FS1400 (T20IP)	FS1401 (T20IP)	FS1402 (T20IP)	FS1403 (T25IP)	FS1404 (T25IP)
Tightening torque	0,885 lbs	1,475 lbs	1,475 lbs	2,95 lbs	3,688 lbs	3,688 lbs	3,688 lbs	4,057 lbs	4,057 lbs

Accessories

D _c [inch]	0,472–0,512	0,551–0,669	0,709–0,748	0,787–0,945	1,024–1,181
 Torque T-handle					FS2042
 Torque screwdriver, analogue	FS2002	FS2004	FS2004	FS2004	
 Interchangeable blade	FS2011 (T7IP)	FS2012 (T8IP)	FS2014 (T15IP)	FS2015 (T20IP)	FS2049 (T25IP)
 Screwdriver	FS2088 (T7IP)	FS1483 (T8IP)	FS1485 (T15IP)	FS1486 (T20IP)	FS1487 (T25IP)

Interchangeable inserts

Designation	D _c inch	P		M		K		N		S	
		WMP35	HC	WPP25	HC	WPP45C	HC	WMP35	HC	WMP35	HC
 P6001-D..	0,472–1,201										
P6003-D..	0,472–1,201										
P6004-D..	0,472–1,201										
P6005-D..	0,472–1,201										
P6006-D..	0,472–1,201										

HC = Coated carbide

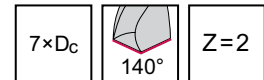
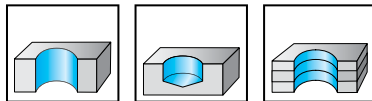
Exchangeable-tip drills

D4140 inch

Drion-tec®

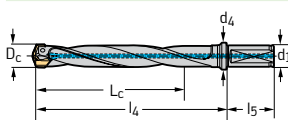


B1



	P	M	K	N	S	H	O
D4140	●	●	●	●	●		

Tool



Cylindrical shank with flat

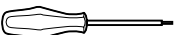
Designation	D _c inch	L _c inch	l ₄ inch	l ₅ inch	d ₁ inch	d ₄ inch	lbs	No. of inserts	Seat size	Type
D4140.07-12.00F15-A	0,472	3,386	4,567	1,890	0,625	0,787	0,366	1	A	P600 . -D12, ..
D4140.07-13.00F15-A	0,512	3,661	4,882	1,890	0,625	0,787	0,39	1	A	P600 . -D13, ..
D4140.07-14.00F15-B	0,551	3,976	5,197	1,890	0,625	0,787	0,421	1	B	P600 . -D14, ..
D4140.07-15.00F15-B	0,591	4,252	5,512	1,890	0,625	0,787	0,454	1	B	P600 . -D15, ..
D4140.07-16.00F19-C	0,630	4,528	5,827	2,031	0,750	0,984	0,617	1	C	P600 . -D16, ..
D4140.07-17.00F19-C	0,669	4,803	6,142	2,031	0,750	0,984	0,697	1	C	P600 . -D17, ..
D4140.07-18.00F19-D	0,709	5,079	6,457	2,031	0,750	0,984	0,734	1	D	P600 . -D18, ..
D4140.07-19.00F19-D	0,748	5,354	6,772	2,031	0,750	0,984	0,794	1	D	P600 . -D19, ..
D4140.07-20.00F19-E	0,787	5,669	7,087	2,031	0,750	0,984	0,858	1	E	P600 . -D20, ..
D4140.07-21.00F19-E	0,827	5,945	7,402	2,031	0,750	0,984	0,933	1	E	P600 . -D21, ..
D4140.07-22.00F26-F	0,866	6,22	7,756	2,281	1,000	1,260	1,351	1	F	P600 . -D22, ..
D4140.07-23.00F26-F	0,906	6,496	8,071	2,281	1,000	1,260	1,429	1	F	P600 . -D23, ..
D4140.07-24.00F26-G	0,945	6,772	8,386	2,281	1,000	1,260	1,523	1	G	P600 . -D24, ..
D4140.07-25.00F26-G	0,984	7,087	8,701	2,281	1,000	1,260	1,609	1	G	P600 . -D25, ..
D4140.07-26.00F26-H	1,024	7,362	9,016	2,281	1,000	1,260	1,702	1	H	P600 . -D26, ..
D4140.07-27.00F26-H	1,063	7,638	9,331	2,281	1,000	1,260	1,803	1	H	P600 . -D27, ..
D4140.07-28.00F31-J	1,102	7,913	9,685	2,281	1,250	1,575	2,379	1	J	P600 . -D28, ..
D4140.07-29.00F31-J	1,142	8,189	10,000	2,281	1,250	1,575	2,425	1	J	P600 . -D29, ..
D4140.07-30.00F31-K	1,181	8,465	10,315	2,281	1,250	1,575	2,844	1	K	P600 . -D30, ..
D4140.07-31.00F31-K	1,22	8,780	10,630	2,281	1,250	1,575	2,811	1	K	P600 . -D31, ..
D4140.07-32.00F31-M	1,260	9,055	10,945	2,281	1,250	1,575	2,866	1	M	P600 . -D32, ..
D4140.07-33.00F31-M	1,299	9,331	11,260	2,281	1,250	1,575	3,263	1	M	P600 . -D33, ..
D4140.07-34.00F38-N	1,339	9,606	11,575	2,688	1,500	1,969	4,034	1	N	P600 . -D34, ..
D4140.07-35.00F38-N	1,378	9,882	11,890	2,688	1,500	1,969	4,255	1	N	P600 . -D35, ..
D4140.07-36.00F38-P	1,417	10,197	12,205	2,688	1,500	1,969	4,359	1	P	P600 . -D36, ..
D4140.07-37.00F38-P	1,457	10,433	12,520	2,688	1,500	1,969	4,592	1	P	P600 . -D37, ..

Bodies and assembly parts are included in the scope of delivery

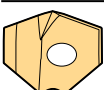
Assembly parts

	D _c [inch]	0,472–0,512	0,551–0,591	0,63–0,669	0,709–0,748	0,787–0,827	0,866–0,906	0,945–0,984	1,024–1,063	1,102–1,299	1,339–1,457
	Clamping screw for drill insert Tightening torque	FS1396 (T7IP) 0,885 lbs	FS1397 (T8IP) 1,475 lbs	FS1398 (T8IP) 1,475 lbs	FS1399 (T15IP) 2,95 lbs	FS1400 (T20IP) 3,688 lbs	FS1401 (T20IP) 3,688 lbs	FS1402 (T20IP) 3,688 lbs	FS1403 (T25IP) 4,057 lbs	FS1404 (T25IP) 4,057 lbs	FS2159 (T25IP) 4,057 lbs

Accessories

	D _c [inch]	0,472–0,512	0,551–0,669	0,709–0,748	0,787–0,984	1,024–1,457
	Torque T-handle					FS2042
	Torque screwdriver, analogue	FS2002	FS2004	FS2004	FS2004	
	Interchangeable blade	FS2011 (T7IP)	FS2012 (T8IP)	FS2014 (T15IP)	FS2015 (T20IP)	FS2049 (T25IP)
	Screwdriver	FS2088 (T7IP)	FS1483 (T8IP)	FS1485 (T15IP)	FS1486 (T20IP)	FS1487 (T25IP)

Interchangeable inserts

	Designation	D _c inch						
			P		M	K	N	S
			HC	HC	HC	HC	HC	HC
			WMP35	WPP25	WPP45C	WMP35	WKK45C	WNN25
	P6001-D..	0,472–1,496			☼			
	P6003-D..	0,472–1,496	☼			☼		☼
	P6004-D..	0,472–1,240					☼	
	P6005-D..	0,472–1,496				☼		
	P6006-D..	0,472–1,496		☼				

HC = Coated carbide

Exchangeable-tip drills

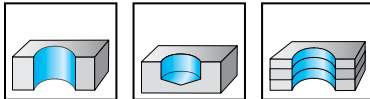
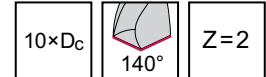
D4140 inch

Drion-tec®



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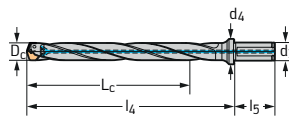
– P6006 – Can be used without pilot drilling up to $10 \times D_c$



	P	M	K	N	S	H	O
D4140	●	●	●	●	●		

Tool

Designation	D_c inch	L_c inch	l_4 inch	l_5 inch	d_1 inch	d_4 inch	lbs	No. of inserts	Seat size	Type
D4140.10-12.00F15-A	0,472	4,724	5,984	1,890	0,625	0,787	0,353	1	A	P600 . -D12, ..
D4140.10-15.00F15-B	0,591	5,906	7,283	1,890	0,625	0,787	0,485	1	B	P600 . -D15, ..
D4140.10-19.00F19-D	0,748	7,48	9,016	2,031	0,750	0,984	0,882	1	D	P600 . -D19, ..
D4140.10-22.00F26-F	0,866	8,661	10,354	2,281	1,000	1,260	1,543	1	F	P600 . -D22, ..
D4140.10-25.00F26-G	0,984	9,843	11,654	2,281	1,000	1,260	1,984	1	G	P600 . -D25, ..



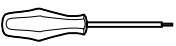
Cylindrical shank with flat

Bodies and assembly parts are included in the scope of delivery

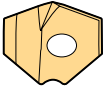
Assembly parts

	D _c [inch]	0,472	0,591	0,748	0,866	0,984
	Clamping screw for drill insert Tightening torque	FS1396 (T7IP) 0,885 lbs	FS1397 (T8IP) 1,475 lbs	FS1399 (T15IP) 2,95 lbs	FS1401 (T20IP) 3,688 lbs	FS1402 (T20IP) 3,688 lbs

Accessories

	D _c [inch]	0,472	0,591	0,748	0,866–0,984
	Torque screwdriver, analogue	FS2002	FS2004	FS2004	FS2004
	Interchangeable blade	FS2011 (T7IP)	FS2012 (T8IP)	FS2014 (T15IP)	FS2015 (T20IP)
	Screwdriver	FS2088 (T7IP)	FS1483 (T8IP)	FS1485 (T15IP)	FS1486 (T20IP)

Interchangeable inserts

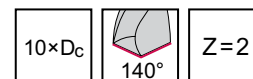
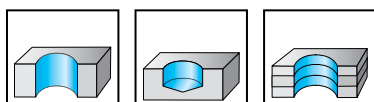
	Designation	D _c inch	P		M	K	N	S
			HC		HC	HC	HC	HC
			WMP35	WPP25	WPP45C	WMP35	WKK45C	WNN25
	P6001-D..	0,472–1,016			☼			
	P6003-D..	0,472–1,016	☼		☼			☼
	P6004-D..	0,472–1,004					☼	
	P6005-D..	0,472–1,016				☼		
	P6006-D..	0,472–1,016	☼					

HC = Coated carbide

Exchangeable-tip drills

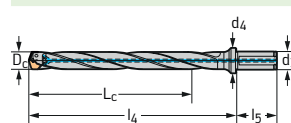
D4140
Drion-tec®


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– P6006 – Can be used without pilot drilling up to $10 \times D_c$


	P	M	K	N	S	H	O
D4140	●	●	●	●	●	●	●

Tool



Cylindrical shank with flat

Designation

D_c
mm

L_c
mm

l₄
mm

l₅
mm

d₁
mm

d₄
mm

kg

No. of
inserts

Seat
size

Type

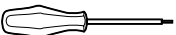
D4140-10-12.00F16-A	12	120	152	48	16	20	0,16	1	A	P600 . -D12, ..
D4140-10-13.00F16-A	13	130	163	48	16	20	0,18	1	A	P600 . -D13, ..
D4140-10-14.00F16-B	14	140	174	48	16	20	0,2	1	B	P600 . -D14, ..
D4140-10-15.00F16-B	15	150	185	48	16	20	0,22	1	B	P600 . -D15, ..
D4140-10-16.00F20-C	16	160	196	50	20	25	0,31	1	C	P600 . -D16, ..
D4140-10-17.00F20-C	17	170	207	50	20	25	0,34	1	C	P600 . -D17, ..
D4140-10-18.00F20-D	18	180	218	50	20	25	0,4	1	D	P600 . -D18, ..
D4140-10-19.00F20-D	19	190	229	50	20	25	0,4	1	D	P600 . -D19, ..
D4140-10-20.00F20-E	20	200	240	50	20	25	0,48	1	E	P600 . -D20, ..
D4140-10-21.00F20-E	21	210	251	50	20	25	0,47	1	E	P600 . -D21, ..
D4140-10-22.00F25-F	22	220	263	56	25	32	0,71	1	F	P600 . -D22, ..
D4140-10-23.00F25-F	23	230	274	56	25	32	0,72	1	F	P600 . -D23, ..
D4140-10-24.00F25-G	24	240	285	56	25	32	0,82	1	G	P600 . -D24, ..
D4140-10-25.00F25-G	25	250	296	56	25	32	0,87	1	G	P600 . -D25, ..

Bodies and assembly parts are included in the scope of delivery

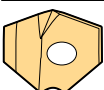
Assembly parts

	D _c [mm]	12-13	14-15	16-17	18-19	20-21	22-23	24-25
	Clamping screw for drill insert	FS1396 (T7IP)	FS1397 (T8IP)	FS1398 (T8IP)	FS1399 (T15IP)	FS1400 (T20IP)	FS1401 (T20IP)	FS1402 (T20IP)
	Tightening torque	1,2 Nm	2 Nm	2 Nm	4 Nm	5 Nm	5 Nm	5 Nm

Accessories

	D _c [mm]	12-13	14-17	18	19	20-24	21-25
	Torque screwdriver, analogue	FS2001	FS2003	FS2003	FS2003	FS2003	FS2003
	Interchangeable blade	FS2011 (T7IP)	FS2012 (T8IP)	FS2014 (T15IP)	FS2014 (T15IP)	FS2015 (T20IP)	FS2015 (T20IP)
	Screwdriver	FS2088 (T7IP)	FS1483 (T8IP)	FS1485 (T15IP)	FS1485 (T15IP)	FS1486 (T20IP)	FS1486 (T20IP)

Interchangeable inserts

	Designation	D _c mm	P		M	K	N	S
			WMP35	WPP25	WPP45C	WKK45C	WNN25	WMP35
	P6001-D..	12-25,8			☺			
	P6003-D..	12-25,8	☹		☹			☹
	P6004-D..	12-25,5					☹	
	P6005-D..	12-25,8				☹		
	P6006-D..	12-25,8	☺					

HC = Coated carbide

Indexable insert drills

D4120 mm

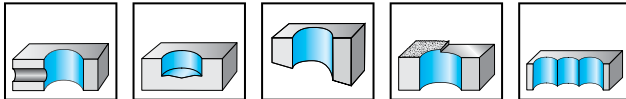
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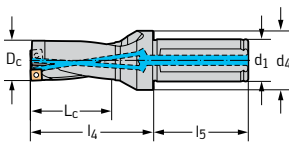
2×D_C

Z = 1



	P	M	K	N	S	H	O
D4120	●	●	●	●	●		

Tool



Cylindrical shank with flat

Designation	D _C mm	L _C mm	l ₄ mm	l ₅ mm	d ₁ mm	d ₄ mm	kg	No. of inserts	Type
D4120-02-13.50F20-P41	13,5	27	47	50	20	25	0,16	1 / 1	P484 . P-1R- .. P484 . C-1R- ..
D4120-02-14.00F20-P41	14	28	48	50	20	25	0,19	1 / 1	
D4120-02-14.50F20-P41	14,5	29	49	50	20	25	0,19	1 / 1	
D4120-02-15.00F20-P41	15	30	50	50	20	25	0,18	1 / 1	
D4120-02-15.50F20-P41	15,5	31	51	50	20	25	0,21	1 / 1	
D4120-02-16.00F25-P41	16	32	57	56	25	35	0,33	1 / 1	P484 . P-2R- .. P484 . C-2R- ..
D4120-02-16.50F25-P42	16,5	33	58	56	25	35	0,37	1 / 1	
D4120-02-17.00F25-P42	17	34	59	56	25	35	0,37	1 / 1	
D4120-02-17.50F25-P42	17,5	35	60	56	25	35	0,34	1 / 1	
D4120-02-18.00F25-P42	18	36	61	56	25	35	0,38	1 / 1	
D4120-02-18.50F25-P42	18,5	37	62	56	25	35	0,32	1 / 1	
D4120-02-19.00F25-P42	19	38	63	56	25	35	0,35	1 / 1	
D4120-02-19.50F25-P42	19,5	39	64	56	25	35	0,4	1 / 1	
D4120-02-20.00F25-P42	20	40	65	56	25	35	0,4	1 / 1	
D4120-02-20.50F25-P43	20,5	41	66	56	25	35	0,39	1 / 1	P484 . P-3R- .. P484 . C-3R- ..
D4120-02-21.00F25-P43	21	42	67	56	25	35	0,4	1 / 1	
D4120-02-21.50F25-P43	21,5	43	68	56	25	35	0,41	1 / 1	
D4120-02-22.00F25-P43	22	44	69	56	25	35	0,41	1 / 1	
D4120-02-22.50F25-P43	22,5	45	70	56	25	35	0,42	1 / 1	
D4120-02-23.00F25-P43	23	46	71	56	25	35	0,42	1 / 1	P484 . P-4R- .. P484 . C-4R- ..
D4120-02-23.50F25-P43	23,5	47	72	56	25	35	0,43	1 / 1	
D4120-02-24.00F25-P43	24	48	73	56	25	35	0,43	1 / 1	
D4120-02-24.50F25-P44	24,5	49	74	56	25	35	0,42	1 / 1	
D4120-02-25.00F25-P44	25	50	75	56	25	35	0,42	1 / 1	
D4120-02-25.50F32-P44	25,5	51	83	60	32	42	0,69	1 / 1	
D4120-02-26.00F32-P44	26	52	84	60	32	42	0,66	1 / 1	
D4120-02-26.50F32-P44	26,5	53	85	60	32	42	0,7	1 / 1	
D4120-02-27.00F32-P44	27	54	86	60	32	42	0,71	1 / 1	
D4120-02-27.50F32-P44	27,5	55	87	60	32	42	0,75	1 / 1	
D4120-02-28.00F32-P44	28	56	88	60	32	42	0,69	1 / 1	
D4120-02-28.50F32-P44	28,5	57	89	60	32	42	0,74	1 / 1	
D4120-02-29.00F32-P44	29	58	90	60	32	42	0,71	1 / 1	

Bodies and assembly parts are included in the scope of delivery

WALTER SELECT

Stability of machine, workpiece and clamping arrangement

→ Very good =

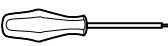
→ Good =

→ Moderate =

Assembly parts

	D _c [mm]	13,5–16	16,5–20	20,5–24	24,5–29	29,5–35	35,5–42	43–59
	Clamping screw for indexable insert Tightening torque	FS2120 (T6IP) 0,4 Nm	FS2111 (T7IP) 0,9 Nm	FS1454 (T8IP) 1,2 Nm	FS1457 (T9IP) 2 Nm	FS2080 (T15IP) 2,5 Nm	FS1453 (T15IP) 3,5 Nm	FS1495 (T20IP) 5 Nm

Accessories

	D _c [mm]	13,5–16	16,5–20	20,5–24	24,5–29	29,5–42	43–59
	Torque screwdriver, analogue	FS2001	FS2001	FS2001	FS2003	FS2003	FS2003
	Torque screwdriver, digital			FS2248	FS2248	FS2248	FS2248
	Interchangeable blade	FS2085 (T6IP)	FS2011 (T7IP)	FS2012 (T8IP)	FS2013 (T9IP)	FS2014 (T15IP)	FS2015 (T20IP)
	Screwdriver	FS2086 (T6IP)	FS2088 (T7IP)	FS1483 (T8IP)	FS1484 (T9IP)	FS1485 (T15IP)	FS1486 (T20IP)

Indexable inserts

Designation	Size	P				M		K		N		S
		HC				HC		HC		HC	HW	HC
		WKP25S	WKP35S	WSP45G	WXP40	WSP45G	WXP40	WKP25S	WKP35S	WNN15	WNN15	WSP45G
	P4840C-.R-E67											
	P4840C-.R-E77											
	P4841C-.R-A57											
	P4841C-.R-E57											
	P4840C-2R-E67											
	P4840C-2R-E77											
	P4841C-2R-A57											
	P4841C-2R-E57											
	P4840C-3R-E67											
	P4840C-3R-E77											
	P4841C-3R-A57											
	P4841C-3R-E57											
	P4840P-.R-A57											
	P4840P-.R-E57											
	P4840P-.R-E67											
	P4840P-.R-E77											
	P4841P-.R-A57											
	P4841P-.R-E57											
	P4840P-2R-A57											
	P4840P-2R-E57											
	P4840P-2R-E67											
	P4840P-2R-E77											
	P4841P-2R-A57											
	P4841P-2R-E57											
	P4840P-3R-A57											
	P4840P-3R-E57											
	P4840P-3R-E67											
	P4840P-3R-E77											
	P4841P-3R-A57											
	P4841P-3R-E57											

HC = Coated carbide
HW = Uncoated carbide

WALTER SELECT

Stability of machine, workpiece and clamping arrangement

→ Very good = 

→ Good = 

→ Moderate = 

Indexable insert drills

D4120 mm

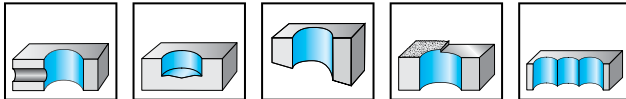
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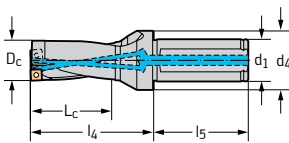
2×D_C

Z = 1



	P	M	K	N	S	H	O
D4120	●	●	●	●	●		

Tool



Cylindrical shank with flat

Designation	D _C mm	L _C mm	l ₄ mm	l ₅ mm	d ₁ mm	d ₄ mm	kg	No. of inserts	Type
D4120-02-29.50F32-P45	29,5	59	91	60	32	42	0,79	1 / 1	P484 . P-5R- .. P484 . C-5R- ..
D4120-02-30.00F32-P45	30	60	92	60	32	42	0,73	1 / 1	
D4120-02-30.50F32-P45	30,5	61	93	60	32	42	0,74	1 / 1	
D4120-02-31.00F32-P45	31	62	94	60	32	42	0,75	1 / 1	
D4120-02-31.50F32-P45	31,5	63	95	60	32	42	0,77	1 / 1	
D4120-02-32.00F32-P45	32	64	96	60	32	42	0,78	1 / 1	
D4120-02-32.50F32-P45	32,5	65	97	60	32	42	0,79	1 / 1	
D4120-02-33.00F32-P45	33	66	98	60	32	42	0,84	1 / 1	
D4120-02-33.50F32-P45	33,5	67	99	60	32	42	0,82	1 / 1	
D4120-02-34.00F32-P45	34	68	100	60	32	42	0,83	1 / 1	
D4120-02-34.50F32-P45	34,5	69	101	60	32	42	0,85	1 / 1	
D4120-02-35.00F32-P45	35	70	102	60	32	42	0,9	1 / 1	
D4120-02-35.50F32-P46	35,5	71	103	60	32	42	0,84	1 / 1	P484 . P-6R- .. P484 . C-6R- ..
D4120-02-36.00F32-P46	36	72	104	60	32	42	0,84	1 / 1	
D4120-02-36.50F32-P46	36,5	73	105	60	32	42	0,87	1 / 1	
D4120-02-37.00F40-P46	37	74	114	70	40	50	1,43	1 / 1	
D4120-02-37.50F40-P46	37,5	75	115	70	40	50	1,36	1 / 1	
D4120-02-38.00F40-P46	38	76	116	70	40	50	1,47	1 / 1	
D4120-02-38.50F40-P46	38,5	77	117	70	40	50	1,39	1 / 1	
D4120-02-39.00F40-P46	39	78	118	70	40	50	1,55	1 / 1	
D4120-02-39.50F40-P46	39,5	79	119	70	40	50	1,43	1 / 1	
D4120-02-40.00F40-P46	40	80	120	70	40	50	1,45	1 / 1	
D4120-02-40.50F40-P46	40,5	81	121	70	40	50	1,49	1 / 1	
D4120-02-41.00F40-P46	41	82	122	70	40	50	1,5	1 / 1	
D4120-02-41.50F40-P46	41,5	83	123	70	40	50	1,51	1 / 1	
D4120-02-42.00F40-P46	42	84	124	70	40	50	1,64	1 / 1	P484 . P-7R- .. P484 . C-7R- ..
D4120-02-43.00F40-P47	43	86	126	70	40	50	1,6	1 / 1	
D4120-02-44.00F40-P47	44	88	128	70	40	50	1,66	1 / 1	
D4120-02-45.00F40-P47	45	90	130	70	40	50	1,7	1 / 1	
D4120-02-46.00F40-P47	46	92	132	70	40	50	1,74	1 / 1	
D4120-02-47.00F40-P47	47	94	134	70	40	50	1,8	1 / 1	
D4120-02-48.00F40-P47	48	96	136	70	40	50	1,85	1 / 1	
D4120-02-49.00F40-P47	49	98	138	70	40	50	1,9	1 / 1	
D4120-02-50.00F40-P47	50	100	140	70	40	50	1,84	1 / 1	

Bodies and assembly parts are included in the scope of delivery

WALTER SELECT

Stability of machine, workpiece and clamping arrangement

→ Very good =

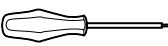
→ Good =

→ Moderate =

Assembly parts

	D _c [mm]	13,5–16	16,5–20	20,5–24	24,5–29	29,5–35	35,5–42	43–59
	Clamping screw for indexable insert Tightening torque	FS2120 (T6IP) 0,4 Nm	FS2111 (T7IP) 0,9 Nm	FS1454 (T8IP) 1,2 Nm	FS1457 (T9IP) 2 Nm	FS2080 (T15IP) 2,5 Nm	FS1453 (T15IP) 3,5 Nm	FS1495 (T20IP) 5 Nm

Accessories

	D _c [mm]	13,5–16	16,5–20	20,5–24	24,5–29	29,5–42	43–59
	Torque screwdriver, analogue	FS2001	FS2001	FS2001	FS2003	FS2003	FS2003
	Torque screwdriver, digital			FS2248	FS2248	FS2248	FS2248
	Interchangeable blade	FS2085 (T6IP)	FS2011 (T7IP)	FS2012 (T8IP)	FS2013 (T9IP)	FS2014 (T15IP)	FS2015 (T20IP)
	Screwdriver	FS2086 (T6IP)	FS2088 (T7IP)	FS1483 (T8IP)	FS1484 (T9IP)	FS1485 (T15IP)	FS1486 (T20IP)

Indexable inserts

Designation	Size	P				M		K		N		S
		HC				HC		HC		HC	HW	HC
		WKP25S	WKP35S	WSP45G	WXP40	WSP45G	WXP40	WKP25S	WKP35S	WNN15	WNN15	WSP45G
	P4840C-.R-E67											
	P4840C-.R-E77											
	P4841C-.R-A57											
	P4841C-.R-E57											
	P4840C-2R-E67											
	P4840C-2R-E77											
	P4841C-2R-A57											
	P4841C-2R-E57											
	P4840C-3R-E67											
	P4840C-3R-E77											
	P4841C-3R-A57											
	P4841C-3R-E57											
	P4840P-.R-A57											
	P4840P-.R-E57											
	P4840P-.R-E67											
	P4840P-.R-E77											
	P4841P-.R-A57											
	P4841P-.R-E57											
	P4840P-2R-A57											
	P4840P-2R-E57											
	P4840P-2R-E67											
	P4840P-2R-E77											
	P4841P-2R-A57											
	P4841P-2R-E57											
	P4840P-3R-A57											
	P4840P-3R-E57											
	P4840P-3R-E67											
	P4840P-3R-E77											
	P4841P-3R-A57											
	P4841P-3R-E57											

HC = Coated carbide
HW = Uncoated carbide

WALTER SELECT

Stability of machine, workpiece and clamping arrangement

→ Very good = 

→ Good = 

→ Moderate = 

  / * = New addition to the product range

Indexable insert drills

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Indexable insert drills

D4120 mm

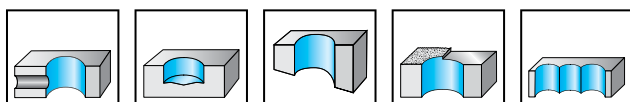
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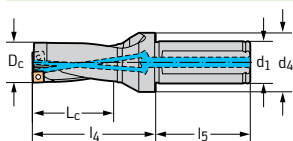
2×D_C

Z = 1



	P	M	K	N	S	H	O
D4120	●	●	●	●	●		

Tool



Cylindrical shank with flat

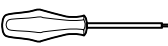
Designation	D _C mm	L _C mm	l ₄ mm	l ₅ mm	d ₁ mm	d ₄ mm	kg	No. of inserts	Type
D4120-02-51.00F40-P48	51	102	142	70	40	50	2,01	1 / 1	P484 . P-8R- ... P484 . C-8R- ...
D4120-02-52.00F40-P48	52	104	144	70	40	50	2,04	1 / 1	
D4120-02-53.00F40-P48	53	106	146	70	40	50	2,17	1 / 1	
D4120-02-54.00F40-P48	54	108	148	70	40	50	2,24	1 / 1	
D4120-02-55.00F40-P48	55	110	150	70	40	50	2,19	1 / 1	
D4120-02-56.00F40-P48	56	112	152	70	40	50	2,37	1 / 1	
D4120-02-57.00F40-P48	57	114	154	70	40	50	2,45	1 / 1	
D4120-02-58.00F40-P48	58	116	156	70	40	50	2,54	1 / 1	
D4120-02-59.00F40-P48	59	118	158	70	40	50	2,62	1 / 1	

Bodies and assembly parts are included in the scope of delivery

Assembly parts

	D _c [mm]	13,5–16	16,5–20	20,5–24	24,5–29	29,5–35	35,5–42	43–59
	Clamping screw for indexable insert Tightening torque	FS2120 (T6IP) 0,4 Nm	FS2111 (T7IP) 0,9 Nm	FS1454 (T8IP) 1,2 Nm	FS1457 (T9IP) 2 Nm	FS2080 (T15IP) 2,5 Nm	FS1453 (T15IP) 3,5 Nm	FS1495 (T20IP) 5 Nm

Accessories

	D _c [mm]	13,5–16	16,5–20	20,5–24	24,5–29	29,5–42	43–59
	Torque screwdriver, analogue	FS2001	FS2001	FS2001	FS2003	FS2003	FS2003
	Torque screwdriver, digital			FS2248	FS2248	FS2248	FS2248
	Interchangeable blade	FS2085 (T6IP)	FS2011 (T7IP)	FS2012 (T8IP)	FS2013 (T9IP)	FS2014 (T15IP)	FS2015 (T20IP)
	Screwdriver	FS2086 (T6IP)	FS2088 (T7IP)	FS1483 (T8IP)	FS1484 (T9IP)	FS1485 (T15IP)	FS1486 (T20IP)

Indexable inserts

	Designation	Size	P				M		K		N		S
			HC				HC		HC		HC	HW	HC
			WKP25S	WKP35S	WSP45G	WXP40	WSP45G	WXP40	WKP25S	WKP35S	WNN15	WN15	WSP45G
	P4840C-.R-E67	1-8											
	P4840C-.R-E77	1-8											
	P4841C-.R-A57	1-8											
	P4841C-.R-E57	1-8											
	P4840C-2R-E67	2											
	P4840C-2R-E77	2											
	P4841C-2R-A57	2											
	P4841C-2R-E57	2											
	P4840C-3R-E67	3											
	P4840C-3R-E77	3											
P4841C-3R-A57	3												
P4841C-3R-E57	3												
	P4840P-.R-A57	1-8											
	P4840P-.R-E57	1-8											
	P4840P-.R-E67	1-8											
	P4840P-.R-E77	1-8											
	P4841P-.R-A57	1-8											
	P4841P-.R-E57	1-8											
	P4840P-2R-A57	2											
	P4840P-2R-E57	2											
	P4840P-2R-E67	2											
	P4840P-2R-E77	2											
	P4841P-2R-A57	2											
	P4841P-2R-E57	2											
	P4840P-3R-A57	3											
	P4840P-3R-E57	3											
	P4840P-3R-E67	3											
	P4840P-3R-E77	3											
	P4841P-3R-A57	3											
	P4841P-3R-E57	3											

HC = Coated carbide
HW = Uncoated carbide

Indexable insert drills

D4120 inch

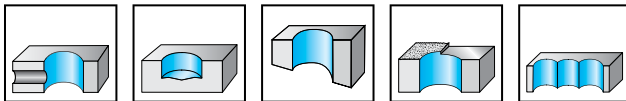
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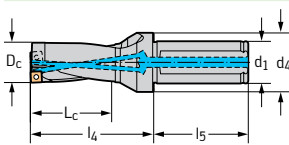
2×D_C

Z = 1



	P	M	K	N	S	H	O
D4120	●	●	●	●	●		

Tool



Cylindrical shank with flat

Designation	D _C inch	L _C inch	l ₄ inch	l ₅ inch	d ₁ inch	d ₄ inch	lbs	No. of inserts	Type
D4120.02-13.49F19-P41	0,531	1,062	1,849	2,031	0,750	1,125	0,509	1 / 1	P484 . P-1R- .. P484 . C-1R- ..
D4120.02-13.89F19-P41	0,547	1,094	1,881	2,031	0,750	1,125	0,511	1 / 1	
D4120.02-14.27F19-P41	0,562	1,124	1,911	2,031	0,750	1,125	0,516	1 / 1	
D4120.02-14.68F19-P41	0,578	1,156	1,943	2,031	0,750	1,125	0,419	1 / 1	
D4120.02-15.09F19-P41	0,594	1,188	1,975	2,031	0,750	1,125	0,525	1 / 1	
D4120.02-15.47F19-P41	0,609	1,218	2,005	2,031	0,750	1,125	0,529	1 / 1	
D4120.02-15.88F19-P41	0,625	1,250	2,037	2,031	0,750	1,125	0,437	1 / 1	P484 . P-2R- .. P484 . C-2R- ..
D4120.02-16.66F26-P42	0,656	1,312	2,310	2,281	1,000	1,375	0,922	1 / 1	
D4120.02-17.04F26-P42	0,671	1,342	2,34	2,281	1,000	1,375	0,926	1 / 1	
D4120.02-17.45F26-P42	0,687	1,374	2,37	2,281	1,000	1,375	0,767	1 / 1	
D4120.02-17.86F26-P42	0,703	1,406	2,410	2,281	1,000	1,375	0,948	1 / 1	
D4120.02-18.24F26-P42	0,718	1,436	2,44	2,281	1,000	1,375	0,891	1 / 1	
D4120.02-19.05F26-P42	0,750	1,500	2,500	2,281	1,000	1,375	0,895	1 / 1	
D4120.02-19.43F26-P42	0,765	1,530	2,530	2,281	1,000	1,375	0,97	1 / 1	
D4120.02-19.84F26-P42	0,781	1,562	2,560	2,281	1,000	1,375	0,882	1 / 1	P484 . P-3R- .. P484 . C-3R- ..
D4120.02-20.62F26-P43	0,812	1,624	2,62	2,281	1,000	1,375	0,097	1 / 1	
D4120.02-21.41F26-P43	0,843	1,686	2,69	2,281	1,000	1,375	0,992	1 / 1	
D4120.02-22.23F31-P43	0,875	1,750	2,880	2,281	1,250	1,625	1,433	1 / 1	
D4120.02-23.01F31-P43	0,906	1,812	2,94	2,281	1,250	1,625	1,455	1 / 1	
D4120.02-23.39F31-P43	0,921	1,842	2,97	2,281	1,250	1,625	1,466	1 / 1	P484 . P-4R- .. P484 . C-4R- ..
D4120.02-23.80F31-P43	0,937	1,874	3,000	2,281	1,250	1,625	1,477	1 / 1	
D4120.02-24.59F31-P44	0,968	1,936	3,07	2,281	1,250	1,625	1,554	1 / 1	
D4120.02-24.99F31-P44	0,984	1,968	3,100	2,281	1,250	1,625	1,398	1 / 1	
D4120.02-25.40F31-P44	1,000	2,000	3,130	2,281	1,250	1,625	1,576	1 / 1	
D4120.02-26.57F31-P44	1,046	2,092	3,22	2,281	1,250	1,625	1,590	1 / 1	
D4120.02-26.97F31-P44	1,062	2,124	3,250	2,281	1,250	1,625	1,609	1 / 1	
D4120.02-28.17F31-P44	1,109	2,218	3,350	2,281	1,250	1,625	1,66	1 / 1	P484 . P-5R- .. P484 . C-5R- ..
D4120.02-28.58F31-P44	1,125	2,250	3,380	2,281	1,250	1,625	1,698	1 / 1	
D4120.02-29.74F31-P45	1,171	2,342	3,47	2,281	1,250	1,625	1,695	1 / 1	
D4120.02-30.15F31-P45	1,187	2,374	3,500	2,281	1,250	1,625	1,737	1 / 1	
D4120.02-31.75F31-P45	1,250	2,500	3,630	2,281	1,250	1,625	1,808	1 / 1	
D4120.02-33.32F31-P45	1,312	2,624	3,750	2,281	1,250	1,625	1,9	1 / 1	
D4120.02-34.11F31-P45	1,343	2,686	3,82	2,281	1,250	1,625	1,953	1 / 1	
D4120.02-34.93F31-P45	1,375	2,750	3,880	2,281	1,250	1,625	1,993	1 / 1	

Bodies and assembly parts are included in the scope of delivery

WALTER SELECT

Stability of machine, workpiece and clamping arrangement

→ Very good =

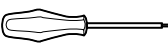
→ Good =

→ Moderate =

Assembly parts

	D _c [inch]	0,531–0,625	0,656–0,781	0,812–0,937	0,968–1,125	1,171–1,375	1,421–1,625	1,687–2,25
	Clamping screw for indexable insert Tightening torque	FS2120 (T6IP) 0,295 lbs	FS2111 (T7IP) 0,664 lbs	FS1454 (T8IP) 0,885 lbs	FS1457 (T9IP) 1,475 lbs	FS2080 (T15IP) 1,844 lbs	FS1453 (T15IP) 2,581 lbs	FS1495 (T20IP) 3,688 lbs

Accessories

	D _c [inch]	0,531–0,625	0,656–0,781	0,812–0,937	0,968–1,125	1,171–1,625	1,687–2,25
	Torque screwdriver, analogue	FS2002	FS2002	FS2002	FS2004	FS2004	FS2004
	Torque screwdriver, digital			FS2248	FS2248	FS2248	FS2248
	Interchangeable blade	FS2085 (T6IP)	FS2011 (T7IP)	FS2012 (T8IP)	FS2013 (T9IP)	FS2014 (T15IP)	FS2015 (T20IP)
	Screwdriver	FS2086 (T6IP)	FS2088 (T7IP)	FS1483 (T8IP)	FS1484 (T9IP)	FS1485 (T15IP)	FS1486 (T20IP)

Indexable inserts

Designation	Size	P				M		K		N		S
		HC				HC		HC		HC HW		HC
		WKP25S	WKP35S	WSP45G	WXP40	WSP45G	WXP40	WKP25S	WKP35S	WNN15	WNN15	WSP45G
	P4840C-.R-E67											
	P4840C-.R-E77											
	P4841C-.R-A57											
	P4841C-.R-E57											
	P4840C-2R-E67											
	P4840C-2R-E77											
	P4841C-2R-A57											
	P4841C-2R-E57											
	P4840C-3R-E67											
	P4840C-3R-E77											
	P4841C-3R-A57											
	P4841C-3R-E57											
	P4840P-.R-A57											
	P4840P-.R-E57											
	P4840P-.R-E67											
	P4840P-.R-E77											
	P4841P-.R-A57											
	P4841P-.R-E57											
	P4840P-2R-A57											
	P4840P-2R-E57											
	P4840P-2R-E67											
	P4840P-2R-E77											
	P4841P-2R-A57											
	P4841P-2R-E57											
	P4840P-3R-A57											
	P4840P-3R-E57											
	P4840P-3R-E67											
	P4840P-3R-E77											
	P4841P-3R-A57											
	P4841P-3R-E57											

P48 ... C = Centre insert

P48 ... P = Outer insert

HC = Coated carbide

HW = Uncoated carbide

Indexable insert drills

D4120 inch

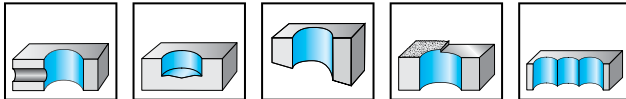
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2×D_C

Z = 1



	P	M	K	N	S	H	O
D4120	●	●	●	●	●		

Tool

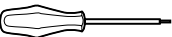
	Designation	D _C inch	L _C inch	l ₄ inch	l ₅ inch	d ₁ inch	d ₄ inch	lbs	No. of inserts	Type
 Cylindrical shank with flat	D4120.02-36.09F31-P46	1,421	2,842	3,97	2,281	1,250	1,625	1,94	1 / 1	P484 . P-6R- .. P484 . C-6R- ..
	D4120.02-36.50F38-P46	1,437	2,874	4,250	2,688	1,500	1,940	2,734	1 / 1	
	D4120.02-38.10F38-P46	1,500	3,000	4,380	2,688	1,500	1,940	2,939	1 / 1	
	D4120.02-39.67F38-P46	1,562	3,124	4,500	2,688	1,500	1,940	2,987	1 / 1	
	D4120.02-41.28F38-P46	1,625	3,250	4,630	2,688	1,500	1,940	3,064	1 / 1	
 Cylindrical shank with flat	D4120.02-42.85F38-P47	1,687	3,374	4,750	2,688	1,500	1,940	3,025	1 / 1	P484 . P-7R- .. P484 . C-7R- ..
	D4120.02-44.45F38-P47	1,750	3,500	4,880	2,688	1,500	1,940	3,166	1 / 1	
	D4120.02-46.02F38-P47	1,812	3,624	5,000	2,688	1,500	1,940	3,32	1 / 1	
	D4120.02-47.63F38-P47	1,875	3,750	5,130	2,688	1,500	1,940	3,499	1 / 1	
	D4120.02-49.20F38-P47	1,937	3,874	5,250	2,688	1,500	1,940	3,691	1 / 1	
 Cylindrical shank with flat	D4120.02-50.80F51-P48	2,000	4,000	5,62	3,250	2,000	2,440	5,944	1 / 1	P484 . P-8R- .. P484 . C-8R- ..
	D4120.02-52.37F51-P48	2,062	4,124	5,74	3,250	2,000	2,440	6,169	1 / 1	
	D4120.02-53.98F51-P48	2,125	4,250	5,87	3,250	2,000	2,440	6,418	1 / 1	
	D4120.02-55.55F51-P48	2,187	4,374	5,99	3,250	2,000	2,440	6,656	1 / 1	
	D4120.02-57.15F51-P48	2,250	4,500	6,12	3,250	2,000	2,440	6,925	1 / 1	

Bodies and assembly parts are included in the scope of delivery

Assembly parts

	D _c [inch]	0,531–0,625	0,656–0,781	0,812–0,937	0,968–1,125	1,171–1,375	1,421–1,625	1,687–2,25
	Clamping screw for indexable insert Tightening torque	FS2120 (T6IP) 0,295 lbs	FS2111 (T7IP) 0,664 lbs	FS1454 (T8IP) 0,885 lbs	FS1457 (T9IP) 1,475 lbs	FS2080 (T15IP) 1,844 lbs	FS1453 (T15IP) 2,581 lbs	FS1495 (T20IP) 3,688 lbs

Accessories

	D _c [inch]	0,531–0,625	0,656–0,781	0,812–0,937	0,968–1,125	1,171–1,625	1,687–2,25
	Torque screwdriver, analogue	FS2002	FS2002	FS2002	FS2004	FS2004	FS2004
	Torque screwdriver, digital			FS2248	FS2248	FS2248	FS2248
	Interchangeable blade	FS2085 (T6IP)	FS2011 (T7IP)	FS2012 (T8IP)	FS2013 (T9IP)	FS2014 (T15IP)	FS2015 (T20IP)
	Screwdriver	FS2086 (T6IP)	FS2088 (T7IP)	FS1483 (T8IP)	FS1484 (T9IP)	FS1485 (T15IP)	FS1486 (T20IP)

Indexable inserts

Designation	Size	P				M		K		N		S
		HC				HC		HC		HC HW		HC
		WKP25S	WKP35S	WSP45G	WXP40	WSP45G	WXP40	WKP25S	WKP35S	WNN15	WNN15	WSP45G
	P4840C-.R-E67											
	P4840C-.R-E77											
	P4841C-.R-A57											
	P4841C-.R-E57											
	P4840C-2R-E67											
	P4840C-2R-E77											
	P4841C-2R-A57											
	P4841C-2R-E57											
	P4840C-3R-E67											
	P4840C-3R-E77											
	P4841C-3R-A57											
	P4841C-3R-E57											
	P4840P-.R-A57											
	P4840P-.R-E57											
	P4840P-.R-E67											
	P4840P-.R-E77											
	P4841P-.R-A57											
	P4841P-.R-E57											
	P4840P-2R-A57											
	P4840P-2R-E57											
	P4840P-2R-E67											
	P4840P-2R-E77											
	P4841P-2R-A57											
	P4841P-2R-E57											
	P4840P-3R-A57											
	P4840P-3R-E57											
	P4840P-3R-E67											
	P4840P-3R-E77											
	P4841P-3R-A57											
	P4841P-3R-E57											

P48 ... C = Centre insert

P48 ... P = Outer insert

HC = Coated carbide

HW = Uncoated carbide

Indexable insert drills

D4120 mm

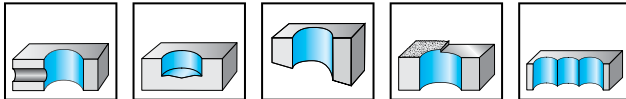
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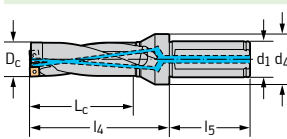
3×D_C

Z = 1



	P	M	K	N	S	H	O
D4120	●	●	●	●	●		

Tool



Cylindrical shank with flat

Designation	D _C mm	L _C mm	l ₄ mm	l ₅ mm	d ₁ mm	d ₄ mm	kg	No. of inserts	Type
D4120-03-13.50F20-P41	13,5	40,5	60,5	50	20	25	0,16	1 / 1	P484 . P-1R- ... P484 . C-1R- ...
D4120-03-14.00F20-P41	14	42	62	50	20	25	0,17	1 / 1	
D4120-03-14.50F20-P41	14,5	43,5	63,5	50	20	25	0,2	1 / 1	
D4120-03-15.00F20-P41	15	45	65	50	20	25	0,2	1 / 1	
D4120-03-15.50F20-P41	15,5	46,5	66,5	50	20	25	0,21	1 / 1	
D4120-03-16.00F25-P41	16	48	73	56	25	35	0,37	1 / 1	P484 . P-2R- ... P484 . C-2R- ...
D4120-03-16.50F25-P42	16,5	49,5	75	56	25	35	0,2	1 / 1	
D4120-03-17.00F25-P42	17	51	76	56	25	35	0,35	1 / 1	
D4120-03-17.50F25-P42	17,5	52,5	77,5	56	25	35	0,4	1 / 1	
D4120-03-18.00F25-P42	18	54	79	56	25	35	0,36	1 / 1	
D4120-03-18.50F25-P42	18,5	55,5	80,5	56	25	35	0,39	1 / 1	P484 . P-3R- ... P484 . C-3R- ...
D4120-03-19.00F25-P42	19	57	82	56	25	35	0,4	1 / 1	
D4120-03-19.50F25-P42	19,5	58,5	84	56	25	35	0,4	1 / 1	
D4120-03-20.00F25-P42	20	60	85	56	25	35	0,43	1 / 1	
D4120-03-20.50F25-P43	20,5	61,5	87	56	25	35	0,43	1 / 1	
D4120-03-21.00F25-P43	21	63	88	56	25	35	0,43	1 / 1	P484 . P-4R- ... P484 . C-4R- ...
D4120-03-21.50F25-P43	21,5	64,5	90	56	25	35	0,44	1 / 1	
D4120-03-22.00F25-P43	22	66	91	56	25	35	0,43	1 / 1	
D4120-03-22.50F25-P43	22,5	67,5	93	56	25	35	0,46	1 / 1	
D4120-03-23.00F25-P43	23	69	94	56	25	35	0,43	1 / 1	
D4120-03-23.50F25-P43	23,5	70,5	96	56	25	35	0,51	1 / 1	P484 . P-4R- ... P484 . C-4R- ...
D4120-03-24.00F25-P43	24	72	97	56	25	35	0,49	1 / 1	
D4120-03-24.50F25-P44	24,5	73,5	99	56	25	35	0,47	1 / 1	
D4120-03-25.00F25-P44	25	75	100	56	25	35	0,48	1 / 1	
D4120-03-25.50F32-P44	25,5	76,5	109	60	32	42	0,78	1 / 1	
D4120-03-26.00F32-P44	26	78	110	60	32	42	0,71	1 / 1	P484 . P-4R- ... P484 . C-4R- ...
D4120-03-26.50F32-P44	26,5	79,5	112	60	32	42	0,77	1 / 1	
D4120-03-27.00F32-P44	27	81	113	60	32	42	0,74	1 / 1	
D4120-03-27.50F32-P44	27,5	82,5	115	60	32	42	0,83	1 / 1	
D4120-03-28.00F32-P44	28	84	116	60	32	42	0,83	1 / 1	
D4120-03-28.50F32-P44	28,5	85,5	118	60	32	42	0,78	1 / 1	P484 . P-4R- ... P484 . C-4R- ...
D4120-03-29.00F32-P44	29	87	119	60	32	42	0,87	1 / 1	

Bodies and assembly parts are included in the scope of delivery

WALTER SELECT

Stability of machine, workpiece and clamping arrangement

→ Very good =

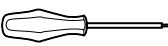
→ Good =

→ Moderate =

Assembly parts

	D _c [mm]	13,5–16	16,5–20	20,5–24	24,5–29	29,5–35	35,5–42	43–59
	Clamping screw for indexable insert Tightening torque	FS2120 (T6IP) 0,4 Nm	FS2111 (T7IP) 0,9 Nm	FS1454 (T8IP) 1,2 Nm	FS1457 (T9IP) 2 Nm	FS2080 (T15IP) 2,5 Nm	FS1453 (T15IP) 3,5 Nm	FS1495 (T20IP) 5 Nm

Accessories

	D _c [mm]	13,5–16	16,5–20	20,5–24	24,5–29	29,5–42	43–59
	Torque screwdriver, analogue	FS2001	FS2001	FS2001	FS2003	FS2003	FS2003
	Torque screwdriver, digital			FS2248	FS2248	FS2248	FS2248
	Interchangeable blade	FS2085 (T6IP)	FS2011 (T7IP)	FS2012 (T8IP)	FS2013 (T9IP)	FS2014 (T15IP)	FS2015 (T20IP)
	Screwdriver	FS2086 (T6IP)	FS2088 (T7IP)	FS1483 (T8IP)	FS1484 (T9IP)	FS1485 (T15IP)	FS1486 (T20IP)

Indexable inserts

Designation	Size	P				M		K		N		S
		HC				HC		HC		HC	HW	HC
		WKP25S	WKP35S	WSP45G	WXP40	WSP45G	WXP40	WKP25S	WKP35S	WNN15	WNN15	WSP45G
	P4840C-.R-E67											
	P4840C-.R-E77											
	P4841C-.R-A57											
	P4841C-.R-E57											
	P4840C-2R-E67											
	P4840C-2R-E77											
	P4841C-2R-A57											
	P4841C-2R-E57											
	P4840C-3R-E67											
	P4840C-3R-E77											
	P4841C-3R-A57											
	P4841C-3R-E57											
	P4840P-.R-A57											
	P4840P-.R-E57											
	P4840P-.R-E67											
	P4840P-.R-E77											
	P4841P-.R-A57											
	P4841P-.R-E57											
	P4840P-2R-A57											
	P4840P-2R-E57											
	P4840P-2R-E67											
	P4840P-2R-E77											
	P4841P-2R-A57											
	P4841P-2R-E57											
	P4840P-3R-A57											
	P4840P-3R-E57											
	P4840P-3R-E67											
	P4840P-3R-E77											
	P4841P-3R-A57											
	P4841P-3R-E57											

HC = Coated carbide
HW = Uncoated carbide

Indexable insert drills

D4120 mm

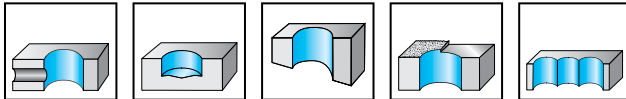
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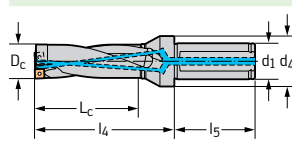
3×D_C

Z = 1



	P	M	K	N	S	H	O
D4120	●	●	●	●	●		

Tool



Cylindrical shank with flat

Designation	D _C mm	L _C mm	l ₄ mm	l ₅ mm	d ₁ mm	d ₄ mm	kg	No. of inserts	Type
D4120-03-29.50F32-P45	29,5	88,5	121	60	32	42	0,88	1 / 1	P484 . P-5R- .. P484 . C-5R- ..
D4120-03-30.00F32-P45	30	90	122	60	32	42	0,82	1 / 1	
D4120-03-30.50F32-P45	30,5	91,5	124	60	32	42	0,84	1 / 1	
D4120-03-31.00F32-P45	31	93	125	60	32	42	0,93	1 / 1	
D4120-03-31.50F32-P45	31,5	94,5	127	60	32	42	0,88	1 / 1	
D4120-03-32.00F32-P45	32	96	128	60	32	42	0,95	1 / 1	
D4120-03-32.50F32-P45	32,5	97,5	130	60	32	42	0,92	1 / 1	
D4120-03-33.00F32-P45	33	99	131	60	32	42	0,93	1 / 1	
D4120-03-33.50F32-P45	33,5	100,5	133	60	32	42	0,96	1 / 1	
D4120-03-34.00F32-P45	34	102	134	60	32	42	0,97	1 / 1	
D4120-03-34.50F32-P45	34,5	103,5	136	60	32	42	1	1 / 1	
D4120-03-35.00F32-P45	35	105	137	60	32	42	1,08	1 / 1	
D4120-03-35.50F32-P46	35,5	106,5	139	60	32	42	1	1 / 1	P484 . P-6R- .. P484 . C-6R- ..
D4120-03-36.00F32-P46	36	108	140	60	32	42	1,02	1 / 1	
D4120-03-36.50F32-P46	36,5	109,5	142	60	32	42	1,04	1 / 1	
D4120-03-37.00F40-P46	37	111	151	70	40	50	1,68	1 / 1	
D4120-03-37.50F40-P46	37,5	112,5	153	70	40	50	1,55	1 / 1	
D4120-03-38.00F40-P46	38	114	154	70	40	50	1,17	1 / 1	
D4120-03-38.50F40-P46	38,5	115,5	156	70	40	50	1,6	1 / 1	
D4120-03-39.00F40-P46	39	117	157	70	40	50	1,76	1 / 1	
D4120-03-39.50F40-P46	39,5	118,5	159	70	40	50	1,66	1 / 1	
D4120-03-40.00F40-P46	40	120	160	70	40	50	1,68	1 / 1	
D4120-03-40.50F40-P46	40,5	121,5	162	70	40	50	1,71	1 / 1	
D4120-03-41.00F40-P46	41	123	163	70	40	50	1,82	1 / 1	
D4120-03-41.50F40-P46	41,5	124,5	165	70	40	50	1,78	1 / 1	
D4120-03-42.00F40-P46	42	126	166	70	40	50	1,94	1 / 1	
D4120-03-43.00F40-P47	43	129	169	70	40	50	1,79	1 / 1	P484 . P-7R- .. P484 . C-7R- ..
D4120-03-44.00F40-P47	44	132	172	70	40	50	2,03	1 / 1	
D4120-03-45.00F40-P47	45	135	175	70	40	50	1,92	1 / 1	
D4120-03-46.00F40-P47	46	138	178	70	40	50	2,17	1 / 1	
D4120-03-47.00F40-P47	47	141	181	70	40	50	2,18	1 / 1	
D4120-03-48.00F40-P47	48	144	184	70	40	50	2,15	1 / 1	
D4120-03-49.00F40-P47	49	147	187	70	40	50	2,33	1 / 1	
D4120-03-50.00F40-P47	50	150	190	70	40	50	2,45	1 / 1	

Cylindrical shank with flat

Bodies and assembly parts are included in the scope of delivery

WALTER SELECT

Stability of machine, workpiece and clamping arrangement

→ Very good =

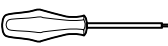
→ Good =

→ Moderate =

Assembly parts

	D _c [mm]	13,5–16	16,5–20	20,5–24	24,5–29	29,5–35	35,5–42	43–59
	Clamping screw for indexable insert Tightening torque	FS2120 (T6IP) 0,4 Nm	FS2111 (T7IP) 0,9 Nm	FS1454 (T8IP) 1,2 Nm	FS1457 (T9IP) 2 Nm	FS2080 (T15IP) 2,5 Nm	FS1453 (T15IP) 3,5 Nm	FS1495 (T20IP) 5 Nm

Accessories

	D _c [mm]	13,5–16	16,5–20	20,5–24	24,5–29	29,5–42	43–59
	Torque screwdriver, analogue	FS2001	FS2001	FS2001	FS2003	FS2003	FS2003
	Torque screwdriver, digital			FS2248	FS2248	FS2248	FS2248
	Interchangeable blade	FS2085 (T6IP)	FS2011 (T7IP)	FS2012 (T8IP)	FS2013 (T9IP)	FS2014 (T15IP)	FS2015 (T20IP)
	Screwdriver	FS2086 (T6IP)	FS2088 (T7IP)	FS1483 (T8IP)	FS1484 (T9IP)	FS1485 (T15IP)	FS1486 (T20IP)

Indexable inserts

Designation	Size	P				M		K		N		S
		HC				HC		HC		HC	HW	HC
		WKP25S	WKP35S	WSP45G	WXP40	WSP45G	WXP40	WKP25S	WKP35S	WNN15	WNN15	WSP45G
	P4840C-.R-E67											
	P4840C-.R-E77											
	P4841C-.R-A57											
	P4841C-.R-E57											
	P4840C-2R-E67											
	P4840C-2R-E77											
	P4841C-2R-A57											
	P4841C-2R-E57											
	P4840C-3R-E67											
	P4840C-3R-E77											
	P4841C-3R-A57											
	P4841C-3R-E57											
	P4840P-.R-A57											
	P4840P-.R-E57											
	P4840P-.R-E67											
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	P4841P-2R-A57											
	P4841P-2R-E57											
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	P4840P-3R-E57											
	P4840P-3R-E67											
	P4840P-3R-E77											
	P4841P-3R-A57											
	P4841P-3R-E57											

HC = Coated carbide
HW = Uncoated carbide

WALTER SELECT

Stability of machine, workpiece and clamping arrangement

→ Very good = 

→ Good = 

→ Moderate = 

   / * = New addition to the product range

Indexable insert drills

B 273

B1

Indexable insert drills

D4120 mm

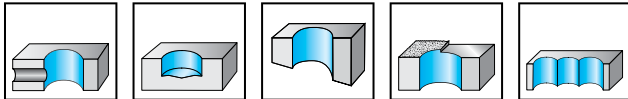
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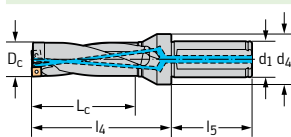
3×D_C

Z = 1



	P	M	K	N	S	H	O
D4120	●●	●●	●●	●●	●●		

Tool



Cylindrical shank with flat

Designation

D_C
mm

L_C
mm

l₄
mm

l₅
mm

d₁
mm

d₄
mm

kg

No. of
inserts

Type

D4120-03-51.00F40-P48

51

153

193

70

40

50

2,5

1 / 1

P484 . P-8R- ..

D4120-03-52.00F40-P48

52

156

196

70

40

50

2,6

1 / 1

P484 . C-8R- ..

D4120-03-53.00F40-P48

53

159

199

70

40

50

2,69

1 / 1

D4120-03-54.00F40-P48

54

162

202

70

40

50

2,8

1 / 1

D4120-03-55.00F40-P48

55

165

205

70

40

50

2,9

1 / 1

D4120-03-56.00F40-P48

56

168

208

70

40

50

3

1 / 1

D4120-03-57.00F40-P48

57

171

211

70

40

50

3,12

1 / 1

D4120-03-58.00F40-P48

58

174

214

70

40

50

3,23

1 / 1

D4120-03-59.00F40-P48

59

177

217

70

40

50

3,36

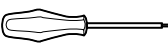
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Bodies and assembly parts are included in the scope of delivery

Assembly parts

	D _c [mm]	13,5–16	16,5–20	20,5–24	24,5–29	29,5–35	35,5–42	43–59
	Clamping screw for indexable insert Tightening torque	FS2120 (T6IP) 0,4 Nm	FS2111 (T7IP) 0,9 Nm	FS1454 (T8IP) 1,2 Nm	FS1457 (T9IP) 2 Nm	FS2080 (T15IP) 2,5 Nm	FS1453 (T15IP) 3,5 Nm	FS1495 (T20IP) 5 Nm

Accessories

	D _c [mm]	13,5–16	16,5–20	20,5–24	24,5–29	29,5–42	43–59
	Torque screwdriver, analogue	FS2001	FS2001	FS2001	FS2003	FS2003	FS2003
	Torque screwdriver, digital			FS2248	FS2248	FS2248	FS2248
	Interchangeable blade	FS2085 (T6IP)	FS2011 (T7IP)	FS2012 (T8IP)	FS2013 (T9IP)	FS2014 (T15IP)	FS2015 (T20IP)
	Screwdriver	FS2086 (T6IP)	FS2088 (T7IP)	FS1483 (T8IP)	FS1484 (T9IP)	FS1485 (T15IP)	FS1486 (T20IP)

Indexable inserts

Designation	Size	P				M		K		N		S
		HC				HC		HC		HC	HW	HC
		WKP25S	WKP35S	WSP45G	WXP40	WSP45G	WXP40	WKP25S	WKP35S	WNN15	WNN15	WSP45G
	P4840C-.R-E67											
	P4840C-.R-E77											
	P4841C-.R-A57											
	P4841C-.R-E57											
	P4840C-2R-E67											
	P4840C-2R-E77											
	P4841C-2R-A57											
	P4841C-2R-E57											
	P4840C-3R-E67											
	P4840C-3R-E77											
	P4841C-3R-A57											
	P4841C-3R-E57											
	P4840P-.R-A57											
	P4840P-.R-E57											
	P4840P-.R-E67											
	P4840P-.R-E77											
	P4841P-.R-A57											
	P4841P-.R-E57											
	P4840P-2R-A57											
	P4840P-2R-E57											
	P4840P-2R-E67											
	P4840P-2R-E77											
	P4841P-2R-A57											
	P4841P-2R-E57											
	P4840P-3R-A57											
	P4840P-3R-E57											
	P4840P-3R-E67											
	P4840P-3R-E77											
	P4841P-3R-A57											
	P4841P-3R-E57											

HC = Coated carbide
HW = Uncoated carbide

Indexable insert drills

D4120 inch

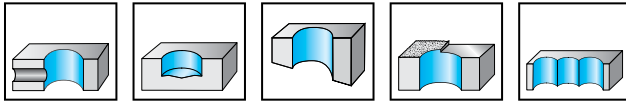
Drion-tec®



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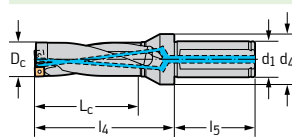
3×D_C

Z = 1



	P	M	K	N	S	H	O
D4120	●	●	●	●	●		

Tool



Cylindrical shank with flat

Designation	D _C inch	L _C inch	l ₄ inch	l ₅ inch	d ₁ inch	d ₄ inch	lbs	No. of inserts	Type
D4120.03-13.49F19-P41	0,531	1,593	2,380	2,031	0,750	1,125	0,419	1 / 1	P484 . P-1R- .. P484 . C-1R- ..
D4120.03-13.89F19-P41	0,547	1,641	2,428	2,031	0,750	1,125	0,373	1 / 1	
D4120.03-14.27F19-P41	0,562	1,686	2,473	2,031	0,750	1,125	0,531	1 / 1	
D4120.03-14.68F19-P41	0,578	1,734	2,521	2,031	0,750	1,125	0,538	1 / 1	
D4120.03-15.09F19-P41	0,594	1,782	2,569	2,031	0,750	1,125	0,441	1 / 1	
D4120.03-15.47F19-P41	0,609	1,827	2,614	2,031	0,750	1,125	0,452	1 / 1	
D4120.03-15.88F19-P41	0,625	1,875	2,662	2,031	0,750	1,125	0,465	1 / 1	P484 . P-2R- .. P484 . C-2R- ..
D4120.03-16.66F26-P42	0,656	1,968	2,97	2,281	1,000	1,375	0,948	1 / 1	
D4120.03-17.04F26-P42	0,671	2,013	3,010	2,281	1,000	1,375	0,882	1 / 1	
D4120.03-17.45F26-P42	0,687	2,061	3,060	2,281	1,000	1,375	0,904	1 / 1	
D4120.03-17.86F26-P42	0,703	2,109	3,110	2,281	1,000	1,375	0,904	1 / 1	
D4120.03-18.24F26-P42	0,718	2,154	3,150	2,281	1,000	1,375	0,926	1 / 1	
D4120.03-19.05F26-P42	0,750	2,250	3,250	2,281	1,000	1,375	0,946	1 / 1	P484 . P-3R- .. P484 . C-3R- ..
D4120.03-19.43F26-P42	0,765	2,295	3,300	2,281	1,000	1,375	0,948	1 / 1	
D4120.03-19.84F26-P42	0,781	2,343	3,34	2,281	1,000	1,375	1,036	1 / 1	
D4120.03-20.62F26-P43	0,812	2,436	3,44	2,281	1,000	1,375	0,974	1 / 1	
D4120.03-21.41F26-P43	0,843	2,529	3,530	2,281	1,000	1,375	1,058	1 / 1	
D4120.03-22.23F31-P43	0,875	2,625	3,760	2,281	1,250	1,625	1,453	1 / 1	
D4120.03-23.01F31-P43	0,906	2,718	3,850	2,281	1,250	1,625	1,543	1 / 1	P484 . P-4R- .. P484 . C-4R- ..
D4120.03-23.39F31-P43	0,921	2,763	3,89	2,281	1,250	1,625	1,499	1 / 1	
D4120.03-23.80F31-P43	0,937	2,811	3,94	2,281	1,250	1,625	1,521	1 / 1	
D4120.03-24.59F31-P44	0,968	2,904	4,030	2,281	1,250	1,625	1,477	1 / 1	
D4120.03-24.99F31-P44	0,984	2,952	4,080	2,281	1,250	1,625	1,499	1 / 1	
D4120.03-25.40F31-P44	1,000	3,000	4,130	2,281	1,250	1,625	1,676	1 / 1	
D4120.03-26.57F31-P44	1,046	3,138	4,27	2,281	1,250	1,625	1,565	1 / 1	P484 . P-5R- .. P484 . C-5R- ..
D4120.03-26.97F31-P44	1,062	3,186	4,32	2,281	1,250	1,625	1,764	1 / 1	
D4120.03-28.17F31-P44	1,109	3,327	4,460	2,281	1,250	1,625	1,731	1 / 1	
D4120.03-28.58F31-P44	1,125	3,375	4,510	2,281	1,250	1,625	1,764	1 / 1	
D4120.03-29.74F31-P45	1,171	3,513	4,64	2,281	1,250	1,625	1,764	1 / 1	
D4120.03-30.15F31-P45	1,187	3,561	4,69	2,281	1,250	1,625	1,852	1 / 1	
D4120.03-31.75F31-P45	1,250	3,750	4,880	2,281	1,250	1,625	1,984	1 / 1	P484 . P-5R- .. P484 . C-5R- ..
D4120.03-33.32F31-P45	1,312	3,936	5,07	2,281	1,250	1,625	2,123	1 / 1	
D4120.03-34.11F31-P45	1,343	4,029	5,160	2,281	1,250	1,625	2,172	1 / 1	
D4120.03-34.93F31-P45	1,375	4,125	5,260	2,281	1,250	1,625	2,339	1 / 1	

Bodies and assembly parts are included in the scope of delivery

WALTER SELECT

Stability of machine, workpiece and clamping arrangement

→ Very good =

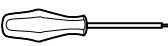
→ Good =

→ Moderate =

Assembly parts

	D _c [inch]	0,531–0,625	0,656–0,781	0,812–0,937	0,968–1,125	1,171–1,375	1,421–1,625	1,687–2,25
	Clamping screw for indexable insert Tightening torque	FS2120 (T6IP) 0,295 lbs	FS2111 (T7IP) 0,664 lbs	FS1454 (T8IP) 0,885 lbs	FS1457 (T9IP) 1,475 lbs	FS2080 (T15IP) 1,844 lbs	FS1453 (T15IP) 2,581 lbs	FS1495 (T20IP) 3,688 lbs

Accessories

	D _c [inch]	0,531–0,625	0,656–0,781	0,812–0,937	0,968–1,125	1,171–1,625	1,687–2,25
	Torque screwdriver, analogue	FS2002	FS2002	FS2002	FS2004	FS2004	FS2004
	Torque screwdriver, digital			FS2248	FS2248	FS2248	FS2248
	Interchangeable blade	FS2085 (T6IP)	FS2011 (T7IP)	FS2012 (T8IP)	FS2013 (T9IP)	FS2014 (T15IP)	FS2015 (T20IP)
	Screwdriver	FS2086 (T6IP)	FS2088 (T7IP)	FS1483 (T8IP)	FS1484 (T9IP)	FS1485 (T15IP)	FS1486 (T20IP)

Indexable inserts

Designation	Size	P				M		K		N		S
		HC				HC		HC		HC HW		HC
		WKP25S	WKP35S	WSP45G	WXP40	WSP45G	WXP40	WKP25S	WKP35S	WNN15	WNN15	WSP45G
	P4840C-.R-E67											
	P4840C-.R-E77											
	P4841C-.R-A57											
	P4841C-.R-E57											
	P4840C-2R-E67											
	P4840C-2R-E77											
	P4841C-2R-A57											
	P4841C-2R-E57											
	P4840C-3R-E67											
	P4840C-3R-E77											
	P4841C-3R-A57											
	P4841C-3R-E57											
	P4840P-.R-A57											
	P4840P-.R-E57											
	P4840P-.R-E67											
	P4840P-.R-E77											
	P4841P-.R-A57											
	P4841P-.R-E57											
	P4840P-2R-A57											
	P4840P-2R-E57											
	P4840P-2R-E67											
	P4840P-2R-E77											
	P4841P-2R-A57											
	P4841P-2R-E57											
	P4840P-3R-A57											
	P4840P-3R-E57											
	P4840P-3R-E67											
	P4840P-3R-E77											
	P4841P-3R-A57											
	P4841P-3R-E57											

P48 ... C = Centre insert

P48 ... P = Outer insert

HC = Coated carbide

HW = Uncoated carbide

Indexable insert drills

D4120 inch

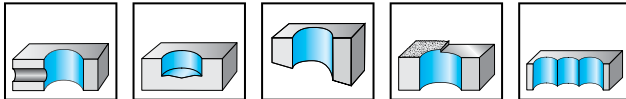
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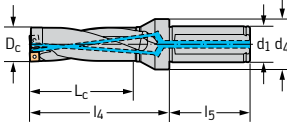
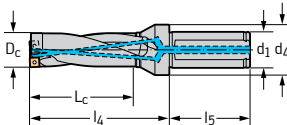
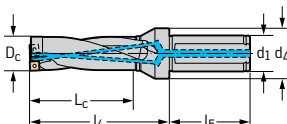
3×D_C

Z = 1



	P	M	K	N	S	H	O
D4120	●	●	●	●	●		

Tool

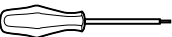
	Designation	D _C inch	L _C inch	l ₄ inch	l ₅ inch	d ₁ inch	d ₄ inch	lbs	No. of inserts	Type
 Cylindrical shank with flat	D4120.03-36.09F31-P46	1,421	4,263	5,39	2,281	1,250	1,625	2,271	1 / 1	P484 . P-6R- .. P484 . C-6R- ..
	D4120.03-36.50F38-P46	1,437	4,311	5,69	2,688	1,500	1,940	3,086	1 / 1	
	D4120.03-38.10F38-P46	1,500	4,500	5,880	2,688	1,500	1,940	3,362	1 / 1	
	D4120.03-39.67F38-P46	1,562	4,686	6,07	2,688	1,500	1,940	3,461	1 / 1	
	D4120.03-41.28F38-P46	1,625	4,875	6,260	2,688	1,500	1,940	3,527	1 / 1	
 Cylindrical shank with flat	D4120.03-42.85F38-P47	1,687	5,061	6,44	2,688	1,500	1,940	3,675	1 / 1	P484 . P-7R- .. P484 . C-7R- ..
	D4120.03-44.45F38-P47	1,750	5,250	6,630	2,688	1,500	1,940	3,900	1 / 1	
	D4120.03-46.02F38-P47	1,812	5,436	6,82	2,688	1,500	1,940	4,365	1 / 1	
	D4120.03-47.63F38-P47	1,875	5,625	7,010	2,688	1,500	1,940	4,42	1 / 1	
	D4120.03-49.20F38-P47	1,937	5,811	7,19	2,688	1,500	1,940	4,711	1 / 1	
 Cylindrical shank with flat	D4120.03-50.80F51-P48	2,000	6,000	7,62	3,250	2,000	2,440	7,002	1 / 1	P484 . P-8R- .. P484 . C-8R- ..
	D4120.03-52.37F51-P48	2,062	6,186	7,810	3,250	2,000	2,440	7,322	1 / 1	
	D4120.03-53.98F51-P48	2,125	6,375	8,000	3,250	2,000	2,440	7,685	1 / 1	
	D4120.03-55.55F51-P48	2,187	6,561	8,180	3,250	2,000	2,440	8,047	1 / 1	
	D4120.03-57.15F51-P48	2,250	6,750	8,37	3,250	2,000	2,440	8,508	1 / 1	

Bodies and assembly parts are included in the scope of delivery

Assembly parts

	D _c [inch]	0,531–0,625	0,656–0,781	0,812–0,937	0,968–1,125	1,171–1,375	1,421–1,625	1,687–2,25
	Clamping screw for indexable insert Tightening torque	FS2120 (T6IP) 0,295 lbs	FS2111 (T7IP) 0,664 lbs	FS1454 (T8IP) 0,885 lbs	FS1457 (T9IP) 1,475 lbs	FS2080 (T15IP) 1,844 lbs	FS1453 (T15IP) 2,581 lbs	FS1495 (T20IP) 3,688 lbs

Accessories

	D _c [inch]	0,531–0,625	0,656–0,781	0,812–0,937	0,968–1,125	1,171–1,625	1,687–2,25
	Torque screwdriver, analogue	FS2002	FS2002	FS2002	FS2004	FS2004	FS2004
	Torque screwdriver, digital			FS2248	FS2248	FS2248	FS2248
	Interchangeable blade	FS2085 (T6IP)	FS2011 (T7IP)	FS2012 (T8IP)	FS2013 (T9IP)	FS2014 (T15IP)	FS2015 (T20IP)
	Screwdriver	FS2086 (T6IP)	FS2088 (T7IP)	FS1483 (T8IP)	FS1484 (T9IP)	FS1485 (T15IP)	FS1486 (T20IP)

Indexable inserts

Designation	Size	P				M		K		N		S	
		HC				HC		HC		HC HW		HC	
		WKP25S	WKP35S	WSP45G	WXP40	WSP45G	WXP40	WKP25S	WKP35S	WNN15	WNN15	WSP45G	
	P4840C-.R-E67												
	P4840C-.R-E77												
	P4841C-.R-A57												
	P4841C-.R-E57												
	P4840C-2R-E67												
	P4840C-2R-E77												
	P4841C-2R-A57												
	P4841C-2R-E57												
	P4840C-3R-E67												
	P4840C-3R-E77												
	P4841C-3R-A57												
	P4841C-3R-E57												
	P4840P-.R-A57												
	P4840P-.R-E57												
	P4840P-.R-E67												
	P4840P-.R-E77												
	P4841P-.R-A57												
	P4841P-.R-E57												
	P4840P-2R-A57												
	P4840P-2R-E57												
	P4840P-2R-E67												
	P4840P-2R-E77												
	P4841P-2R-A57												
	P4841P-2R-E57												
	P4840P-3R-A57												
	P4840P-3R-E57												
	P4840P-3R-E67												
	P4840P-3R-E77												
	P4841P-3R-A57												
	P4841P-3R-E57												

P48 ... C = Centre insert

P48 ... P = Outer insert

HC = Coated carbide

HW = Uncoated carbide

Indexable insert drills

D4120 mm

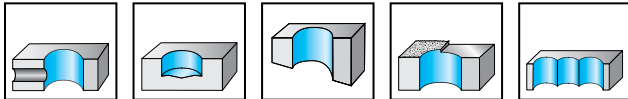
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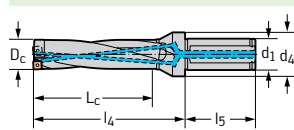
4×D_C

Z = 1



	P	M	K	N	S	H	O
D4120	●	●	●	●	●	●	●

Tool



Cylindrical shank with flat

Designation

D_C
mm

L_C
mm

l₄
mm

l₅
mm

d₁
mm

d₄
mm

No. of
inserts
EA

Type

D4120-04-16.50F25-P42

16,5

66

91

56

25

35

0,36

1 / 1

P484 . P-2R- ..

D4120-04-17.00F25-P42

17

68

93

56

25

35

0,4

1 / 1

P484 . C-2R- ..

D4120-04-17.50F25-P42

17,5

70

95

56

25

35

0,38

1 / 1

D4120-04-18.00F25-P42

18

72

97

56

25

35

0,42

1 / 1

D4120-04-18.50F25-P42

18,5

74

99

56

25

35

0,39

1 / 1

D4120-04-19.00F25-P42

19

76

101

56

25

35

0,44

1 / 1

D4120-04-19.50F25-P42

19,5

78

103

56

25

35

0,41

1 / 1

D4120-04-20.00F25-P42

20

80

105

56

25

35

0,45

1 / 1

D4120-04-20.50F25-P43

20,5

82

107

56

25

35

0,41

1 / 1

P484 . P-3R- ..

D4120-04-21.00F25-P43

21

84

109

56

25

35

0,45

1 / 1

P484 . C-3R- ..

D4120-04-21.50F25-P43

21,5

86

111

56

25

35

0,43

1 / 1

D4120-04-22.00F25-P43

22

88

113

56

25

35

0,48

1 / 1

D4120-04-22.50F25-P43

22,5

90

115

56

25

35

0,45

1 / 1

D4120-04-23.00F25-P43

23

92

117

56

25

35

0,5

1 / 1

D4120-04-23.50F25-P43

23,5

94

119

56

25

35

0,48

1 / 1

D4120-04-24.00F25-P43

24

96

121

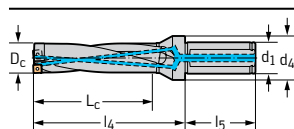
56

25

35

0,56

1 / 1



Cylindrical shank with flat

D4120-04-24.50F25-P44

24,5

98

123

56

25

35

0,48

1 / 1

P484 . P-4R- ..

D4120-04-25.00F25-P44

25

100

125

56

25

35

0,56

1 / 1

P484 . C-4R- ..

D4120-04-25.50F32-P44

25,5

102

134

60

32

42

0,76

1 / 1

D4120-04-26.00F32-P44

26

104

136

60

32

42

0,85

1 / 1

D4120-04-26.50F32-P44

26,5

106

138

60

32

42

0,8

1 / 1

D4120-04-27.00F32-P44

27

108

140

60

32

42

0,81

1 / 1

D4120-04-27.50F32-P44

27,5

110

142

60

32

42

0,83

1 / 1

D4120-04-28.00F32-P44

28

112

144

60

32

42

0,91

1 / 1

D4120-04-28.50F32-P44

28,5

114

146

60

32

42

0,87

1 / 1

D4120-04-29.00F32-P44

29

116

148

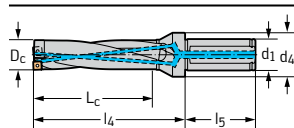
60

32

42

1

1 / 1



Cylindrical shank with flat

D4120-04-29.50F32-P45

29,5

118

150

60

32

42

0,9

1 / 1

P484 . P-5R- ..

D4120-04-30.00F32-P45

30

120

152

60

32

42

0,91

1 / 1

P484 . C-5R- ..

D4120-04-30.50F32-P45

30,5

122

154

60

32

42

0,94

1 / 1

D4120-04-31.00F32-P45

31

124

156

60

32

42

1,07

1 / 1

D4120-04-31.50F32-P45

31,5

126

158

60

32

42

0,99

1 / 1

D4120-04-32.00F32-P45

32

128

160

60

32

42

1,1

1 / 1

D4120-04-32.50F32-P45

32,5

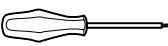
130

162

Assembly parts

	D _c [mm]	16,5–20	20,5–24	24,5–29	29,5–35	35,5–42	43–59
	Clamping screw for indexable insert Tightening torque	FS2111 (T7IP) 0,9 Nm	FS1454 (T8IP) 1,2 Nm	FS1457 (T9IP) 2 Nm	FS2080 (T15IP) 2,5 Nm	FS1453 (T15IP) 3,5 Nm	FS1495 (T20IP) 5 Nm

Accessories

	D _c [mm]	16,5–20	20,5–24	24,5–29	29,5–42	43–59
	Torque screwdriver, analogue	FS2001	FS2001	FS2003	FS2003	FS2003
	Torque screwdriver, digital		FS2248	FS2248	FS2248	FS2248
	Interchangeable blade	FS2011 (T7IP)	FS2012 (T8IP)	FS2013 (T9IP)	FS2014 (T15IP)	FS2015 (T20IP)
	Screwdriver	FS2088 (T7IP)	FS1483 (T8IP)	FS1484 (T9IP)	FS1485 (T15IP)	FS1486 (T20IP)

Indexable inserts

Designation	Size	P				M		K		N		S
		HC				HC		HC		HC	HW	HC
		WKP25S	WKP35S	WSP45G	WXP40	WSP45G	WXP40	WKP25S	WKP35S	WNN15	WNN15	WSP45G
	P4840C-2R-E67		☒	☒	☒	☒	☒	☒	☒			☒
	P4840C-2R-E77									☒	☒	
	P4841C-2R-A57		☒	☒	☒	☒	☒					☒
	P4841C-2R-E57		☒	☒	☒	☒	☒					☒
	P4840C-3R-E67		☒	☒	☒	☒	☒					☒
	P4840C-3R-E77									☒	☒	
	P4841C-3R-A57		☒	☒	☒	☒	☒					☒
	P4841C-3R-E57		☒	☒	☒	☒	☒					☒
	P4840C-.R-E67		☒	☒	☒	☒	☒					☒
	P4840C-.R-E77									☒	☒	
	P4841C-.R-A57		☒	☒	☒	☒	☒					☒
	P4841C-.R-E57		☒	☒	☒	☒	☒					☒
	P4840P-2R-A57	☒	☒	☒		☒		☒	☒			☒
	P4840P-2R-E57	☒	☒	☒		☒		☒	☒			☒
	P4840P-2R-E67	☒	☒	☒		☒		☒	☒			☒
	P4840P-2R-E77									☒	☒	
	P4841P-2R-A57	☒	☒	☒		☒		☒	☒			☒
	P4841P-2R-E57	☒	☒	☒		☒		☒	☒			☒
	P4840P-3R-A57	☒	☒	☒		☒		☒	☒			☒
	P4840P-3R-E57	☒	☒	☒		☒		☒	☒			☒
	P4840P-3R-E67	☒	☒	☒		☒		☒	☒			☒
	P4840P-3R-E77									☒	☒	
	P4841P-3R-A57	☒	☒	☒		☒		☒	☒			☒
	P4841P-3R-E57	☒	☒	☒		☒		☒	☒			☒
	P4840P-.R-A57	☒	☒	☒		☒		☒	☒			☒
	P4840P-.R-E57	☒	☒	☒		☒		☒	☒			☒
	P4840P-.R-E67	☒	☒	☒		☒		☒	☒			☒
	P4840P-.R-E77									☒	☒	
	P4841P-.R-A57	☒	☒	☒		☒		☒	☒			☒
	P4841P-.R-E57	☒	☒	☒		☒		☒	☒			☒

HC = Coated carbide
HW = Uncoated carbide

WALTER SELECT

Stability of machine, workpiece and clamping arrangement

→ Very good = ☺

→ Good = ☹

→ Moderate = ☹

☺ ☹ ☹ / ★ = New addition to the product range

Indexable insert drills

B 281

B1

Indexable insert drills

D4120 mm

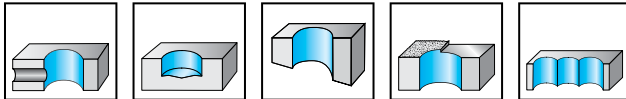
Drion-tec®



B1

4×D_C

Z = 1



	P	M	K	N	S	H	O
D4120	●	●	●	●	●	●	●

Tool

	Designation	D _C mm	L _C mm	l ₄ mm	l ₅ mm	d ₁ mm	d ₄ mm	kg	No. of inserts EA	Type
 Cylindrical shank with flat	D4120-04-34.00F32-P45	34	136	168	60	32	42	1,11	1 / 1	P484 . P-5R- .. P484 . C-5R- ..
	D4120-04-34.50F32-P45	34,5	138	170	60	32	42	1,14	1 / 1	
	D4120-04-35.00F32-P45	35	140	172	60	32	42	1,24	1 / 1	
 Cylindrical shank with flat	D4120-04-35.50F32-P46	35,5	142	174	60	32	42	1,13	1 / 1	P484 . P-6R- .. P484 . C-6R- ..
	D4120-04-36.00F32-P46	36	144	176	60	32	42	1,26	1 / 1	
	D4120-04-36.50F32-P46	36,5	146	178	60	32	42	1,19	1 / 1	
	D4120-04-37.00F40-P46	37	148	188	70	40	50	1,82	1 / 1	
	D4120-04-37.50F40-P46	37,5	150	190	70	40	50	1,71	1 / 1	
	D4120-04-38.00F40-P46	38	152	192	70	40	50	1,19	1 / 1	
	D4120-04-38.50F40-P46	38,5	154	194	70	40	50	1,78	1 / 1	
	D4120-04-39.00F40-P46	39	156	196	70	40	50	1,96	1 / 1	
	D4120-04-39.50F40-P46	39,5	158	198	70	40	50	1,86	1 / 1	
	D4120-04-40.00F40-P46	40	160	200	70	40	50	2,04	1 / 1	
	D4120-04-40.50F40-P46	40,5	162	202	70	40	50	1,93	1 / 1	
	D4120-04-41.00F40-P46	41	164	204	70	40	50	2,08	1 / 1	
 Cylindrical shank with flat	D4120-04-41.50F40-P46	41,5	166	206	70	40	50	2,01	1 / 1	P484 . P-7R- .. P484 . C-7R- ..
	D4120-04-42.00F40-P46	42	168	208	70	40	50	2,13	1 / 1	
	D4120-04-43.00F40-P47	43	172	212	70	40	50	2,23	1 / 1	
	D4120-04-44.00F40-P47	44	176	216	70	40	50	2,15	1 / 1	
	D4120-04-45.00F40-P47	45	180	220	70	40	50	2,4	1 / 1	
	D4120-04-46.00F40-P47	46	184	224	70	40	50	2,44	1 / 1	
	D4120-04-47.00F40-P47	47	188	228	70	40	50	2,54	1 / 1	
	D4120-04-48.00F40-P47	48	192	232	70	40	50	2,54	1 / 1	
 Cylindrical shank with flat	D4120-04-49.00F40-P47	49	196	236	70	40	50	2,84	1 / 1	P484 . P-8R- .. P484 . C-8R- ..
	D4120-04-50.00F40-P47	50	200	240	70	40	50	2,78	1 / 1	
	D4120-04-51.00F40-P48	51	204	244	70	40	50	2,98	1 / 1	
	D4120-04-52.00F40-P48	52	208	248	70	40	50	3,11	1 / 1	
	D4120-04-53.00F40-P48	53	212	252	70	40	50	3,25	1 / 1	
	D4120-04-54.00F40-P48	54	216	256	70	40	50	3,32	1 / 1	
	D4120-04-55.00F40-P48	55	220	260	70	40	50	3,44	1 / 1	
	D4120-04-56.00F40-P48	56	224	264	70	40	50	3,6	1 / 1	
	D4120-04-57.00F40-P48	57	228	268	70	40	50	3,8	1 / 1	
	D4120-04-58.00F40-P48	58	232	272	70	40	50	3,97	1 / 1	
	D4120-04-59.00F40-P48	59	236	276	70	40	50	4,09	1 / 1	

Bodies and assembly parts are included in the scope of delivery

WALTER SELECT

Stability of machine, workpiece and clamping arrangement

→ Very good =

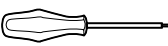
→ Good =

→ Moderate =

Assembly parts

	D _c [mm]	16,5–20	20,5–24	24,5–29	29,5–35	35,5–42	43–59
	Clamping screw for indexable insert Tightening torque	FS2111 (T7IP) 0,9 Nm	FS1454 (T8IP) 1,2 Nm	FS1457 (T9IP) 2 Nm	FS2080 (T15IP) 2,5 Nm	FS1453 (T15IP) 3,5 Nm	FS1495 (T20IP) 5 Nm

Accessories

	D _c [mm]	16,5–20	20,5–24	24,5–29	29,5–42	43–59
	Torque screwdriver, analogue	FS2001	FS2001	FS2003	FS2003	FS2003
	Torque screwdriver, digital		FS2248	FS2248	FS2248	FS2248
	Interchangeable blade	FS2011 (T7IP)	FS2012 (T8IP)	FS2013 (T9IP)	FS2014 (T15IP)	FS2015 (T20IP)
	Screwdriver	FS2088 (T7IP)	FS1483 (T8IP)	FS1484 (T9IP)	FS1485 (T15IP)	FS1486 (T20IP)

Indexable inserts

	Designation	Size	P				M				K		N		S
			HC	HC	HC	ND	HC	ND	HC	ND	HC	HC	HW	HC	
			WKP25S	WKP35S	WSP45G	WXP40	WXP40	WSP45G	WXP40	WXP40	WKP25S	WKP35S	WNN15	WNN15	WSP45G
	P4840C-2R-E67	2	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺			☺
	P4840C-2R-E77	2											☺	☺	
	P4841C-2R-A57	2	☺	☺	☺	☺	☺	☺	☺	☺	☺				☺
	P4841C-2R-E57	2	☺	☺	☺	☺	☺	☺	☺	☺	☺				☺
	P4840C-3R-E67	3	☺	☺	☺	☺	☺	☺	☺	☺	☺				☺
	P4840C-3R-E77	3										☺	☺		
	P4841C-3R-A57	3	☺	☺	☺	☺	☺	☺	☺	☺	☺				☺
	P4841C-3R-E57	3	☺	☺	☺	☺	☺	☺	☺	☺	☺				☺
	P4840C-.R-E67	4–8	☺	☺	☺	☺	☺	☺	☺	☺	☺				☺
	P4840C-.R-E77	4–8										☺	☺		
	P4841C-.R-A57	4–8	☺	☺	☺	☺	☺	☺	☺	☺	☺				☺
	P4841C-.R-E57	4–8	☺	☺	☺	☺	☺	☺	☺	☺	☺				☺
	P4840P-2R-A57	2	☺	☺	☺		☺		☺		☺				☺
	P4840P-2R-E57	2	☺	☺	☺		☺		☺		☺				☺
	P4840P-2R-E67	2	☺	☺	☺		☺		☺		☺				☺
	P4840P-2R-E77	2										☺	☺		
	P4841P-2R-A57	2	☺	☺	☺		☺		☺		☺				☺
	P4841P-2R-E57	2	☺	☺	☺		☺		☺		☺				☺
	P4840P-3R-A57	3	☺	☺	☺		☺		☺		☺				☺
	P4840P-3R-E57	3	☺	☺	☺		☺		☺		☺				☺
	P4840P-3R-E67	3	☺	☺	☺		☺		☺		☺				☺
	P4840P-3R-E77	3										☺	☺		
	P4841P-3R-A57	3	☺	☺	☺		☺		☺		☺				☺
	P4841P-3R-E57	3	☺	☺	☺		☺		☺		☺				☺
	P4840P-.R-A57	4–8	☺	☺	☺		☺		☺		☺				☺
	P4840P-.R-E57	4–8	☺	☺	☺		☺		☺		☺				☺
	P4840P-.R-E67	4–8	☺	☺	☺		☺		☺		☺				☺
	P4840P-.R-E77	4–8										☺	☺		
	P4841P-.R-A57	4–8	☺	☺	☺		☺		☺		☺				☺
	P4841P-.R-E57	4–8	☺	☺	☺		☺		☺		☺				☺

HC = Coated carbide

ND =

HW = Uncoated carbide

WALTER SELECT

Stability of machine, workpiece and clamping arrangement

→ Very good = ☺

→ Good = ☺

→ Moderate = ☺

☺ ☺ ☺ / * = New addition to the product range

Indexable insert drills

B 283

Indexable insert drills

D4120 inch

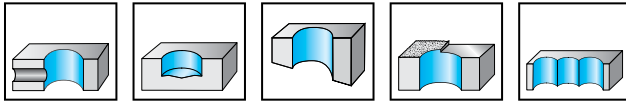
Drion-tec®



B1

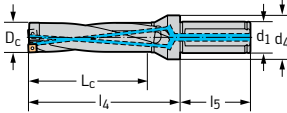
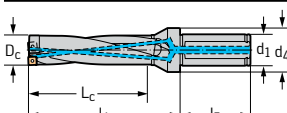
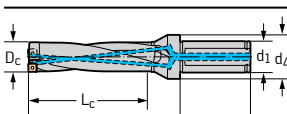
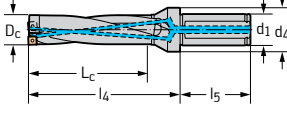
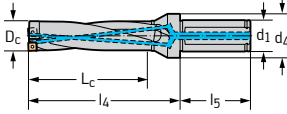
4×D_C

Z = 1



	P	M	K	N	S	H	O
D4120	●	●	●	●	●	●	●

Tool

	Designation	D _C inch	L _C inch	l ₄ inch	l ₅ inch	d ₁ inch	d ₄ inch	lbs	No. of inserts EA	Type
 Cylindrical shank with flat	D4120.04-16.66F26-P42	0,656	2,624	3,62	2,281	1,000	1,375	0,904	1 / 1	P484 . P-2R- .. P484 . C-2R- ..
	D4120.04-17.04F26-P42	0,671	2,684	3,680	2,281	1,000	1,375	0,926	1 / 1	
	D4120.04-17.45F26-P42	0,687	2,748	3,750	2,281	1,000	1,375	0,926	1 / 1	
	D4120.04-17.86F26-P42	0,703	2,812	3,810	2,281	1,000	1,375	0,961	1 / 1	
	D4120.04-18.24F26-P42	0,718	2,872	3,87	2,281	1,000	1,375	0,725	1 / 1	
	D4120.04-19.05F26-P42	0,750	3,000	4,000	2,281	1,000	1,375	0,992	1 / 1	
	D4120.04-19.43F26-P42	0,765	3,060	4,060	2,281	1,000	1,375	1,014	1 / 1	
	D4120.04-19.84F26-P42	0,781	3,124	4,12	2,281	1,000	1,375	1,030	1 / 1	
	D4120.04-20.62F26-P43	0,812	3,248	4,250	2,281	1,000	1,375	1,030	1 / 1	
	D4120.04-21.41F26-P43	0,843	3,372	4,37	2,281	1,000	1,375	1,058	1 / 1	
 Cylindrical shank with flat	D4120.04-22.23F31-P43	0,875	3,500	4,630	2,281	1,250	1,625	1,653	1 / 1	P484 . P-3R- .. P484 . C-3R- ..
	D4120.04-23.01F31-P43	0,906	3,624	4,750	2,281	1,250	1,625	1,62	1 / 1	
	D4120.04-23.39F31-P43	0,921	3,684	4,810	2,281	1,250	1,625	1,493	1 / 1	
	D4120.04-23.80F31-P43	0,937	3,748	4,880	2,281	1,250	1,625	1,735	1 / 1	
	D4120.04-24.59F31-P44	0,968	3,872	5,000	2,281	1,250	1,625	1,587	1 / 1	
	D4120.04-24.99F31-P44	0,984	3,936	5,07	2,281	1,250	1,625	1,795	1 / 1	
	D4120.04-25.40F31-P44	1,000	4,000	5,130	2,281	1,250	1,625	1,812	1 / 1	
	D4120.04-26.57F31-P44	1,046	4,184	5,310	2,281	1,250	1,625	1,764	1 / 1	
	D4120.04-26.97F31-P44	1,062	4,248	5,380	2,281	1,250	1,625	1,925	1 / 1	
	D4120.04-28.17F31-P44	1,109	4,436	5,57	2,281	1,250	1,625	1,896	1 / 1	
 Cylindrical shank with flat	D4120.04-28.58F31-P44	1,125	4,500	5,630	2,281	1,250	1,625	1,94	1 / 1	P484 . P-4R- .. P484 . C-4R- ..
	D4120.04-29.74F31-P45	1,171	4,684	5,810	2,281	1,250	1,625	2,028	1 / 1	
	D4120.04-30.15F31-P45	1,187	4,748	5,880	2,281	1,250	1,625	2,156	1 / 1	
	D4120.04-31.75F31-P45	1,250	5,000	6,130	2,281	1,250	1,625	2,308	1 / 1	
	D4120.04-33.32F31-P45	1,312	5,248	6,380	2,281	1,250	1,625	2,392	1 / 1	
	D4120.04-34.11F31-P45	1,343	5,372	6,496	2,281	1,250	1,625	2,359	1 / 1	
	D4120.04-34.93F31-P45	1,375	5,500	6,630	2,281	1,250	1,625	2,685	1 / 1	
	D4120.04-36.09F31-P46	1,421	5,684	6,810	2,281	1,250	1,625	2,394	1 / 1	
	D4120.04-36.50F38-P46	1,437	5,748	7,130	2,688	1,500	1,940	3,3	1 / 1	
	D4120.04-38.10F38-P46	1,500	6,000	7,380	2,688	1,500	1,940	3,682	1 / 1	
 Cylindrical shank with flat	D4120.04-39.67F38-P46	1,562	6,248	7,630	2,688	1,500	1,940	3,924	1 / 1	P484 . P-6R- .. P484 . C-6R- ..
	D4120.04-41.28F38-P46	1,625	6,500	7,880	2,688	1,500	1,940	4,048	1 / 1	
	D4120.04-42.85F38-P47	1,687	6,748	8,128	2,688	1,500	1,940	4,231	1 / 1	
	D4120.04-44.45F38-P47	1,750	7,000	8,380	2,688	1,500	1,940	4,539	1 / 1	
	D4120.04-46.02F38-P47	1,812	7,248	8,628	2,688	1,500	1,940	4,868	1 / 1	
	D4120.04-47.63F38-P47	1,875	7,500	8,880	2,688	1,500	1,940	5,232	1 / 1	
	D4120.04-49.20F38-P47	1,937	7,748	9,128	2,688	1,500	1,940	5,626	1 / 1	
 Cylindrical shank with flat										P484 . P-7R- .. P484 . C-7R- ..

Bodies and assembly parts are included in the scope of delivery

WALTER SELECT

Stability of machine, workpiece and clamping arrangement

→ Very good = ☺

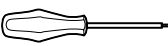
→ Good = ☹

→ Moderate = ☹

Assembly parts

	D _c [inch]	0,656–0,781	0,812–0,937	0,968–1,125	1,171–1,375	1,421–1,625	1,687–2,25
	Clamping screw for indexable insert Tightening torque	FS2111 (T7IP) 0,664 lbs	FS1454 (T8IP) 0,885 lbs	FS1457 (T9IP) 1,475 lbs	FS2080 (T15IP) 1,844 lbs	FS1453 (T15IP) 2,581 lbs	FS1495 (T20IP) 3,688 lbs

Accessories

	D _c [inch]	0,656–0,781	0,812–0,937	0,968–1,125	1,171–1,625	1,687–2,25
	Torque screwdriver, analogue	FS2002	FS2002	FS2004	FS2004	FS2004
	Torque screwdriver, digital		FS2248	FS2248	FS2248	FS2248
	Interchangeable blade	FS2011 (T7IP)	FS2012 (T8IP)	FS2013 (T9IP)	FS2014 (T15IP)	FS2015 (T20IP)
	Screwdriver	FS2088 (T7IP)	FS1483 (T8IP)	FS1484 (T9IP)	FS1485 (T15IP)	FS1486 (T20IP)

Indexable inserts

Designation	Size	P				M		K		N		S
		HC				HC		HC		HC HW		HC
		WKP25S	WKP35S	WSP45G	WXP40	WSP45G	WXP40	WKP25S	WKP35S	WNN15	WNN15	WSP45G
	P4840C-2R-E67											
	P4840C-2R-E77											
	P4841C-2R-A57											
	P4841C-2R-E57											
	P4840C-3R-E67											
	P4840C-3R-E77											
	P4841C-3R-A57											
	P4841C-3R-E57											
	P4840C-.R-E67											
	P4840C-.R-E77											
	P4841C-.R-A57											
	P4841C-.R-E57											
	P4840P-2R-A57											
	P4840P-2R-E57											
	P4840P-2R-E67											
	P4840P-2R-E77											
	P4841P-2R-A57											
	P4841P-2R-E57											
	P4840P-3R-A57											
	P4840P-3R-E57											
	P4840P-3R-E67											
	P4840P-3R-E77											
	P4841P-3R-A57											
	P4841P-3R-E57											
	P4840P-.R-A57											
	P4840P-.R-E57											
	P4840P-.R-E67											
	P4840P-.R-E77											
	P4841P-.R-A57											
	P4841P-.R-E57											

P48 ... C = Centre insert

P48 ... P = Outer insert

HC = Coated carbide

HW = Uncoated carbide

Indexable insert drills

D4120 inch

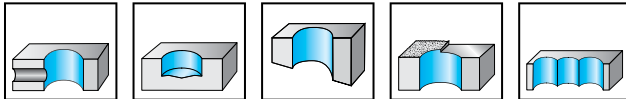
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B1

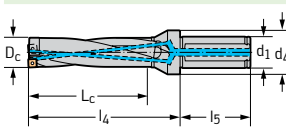
4×D_C

Z = 1



	P	M	K	N	S	H	O
D4120	●	●	●	●	●		

Tool



Cylindrical shank with flat

Designation

D_C
inch

L_C
inch

l₄
inch

l₅
inch

d₁
inch

d₄
inch

No. of
inserts
EA

Type

D4120.04-50.80F51-P48

2,000

8,000

9,62

3,250

2,000

2,440

8,128

1 / 1

P484 . P-8R- ..

D4120.04-52.37F51-P48

2,062

8,248

9,868

3,250

2,000

2,440

8,578

1 / 1

P484 . C-8R- ..

D4120.04-53.98F51-P48

2,125

8,500

10,12

3,250

2,000

2,440

9,414

1 / 1

D4120.04-55.55F51-P48

2,187

8,748

10,368

3,250

2,000

2,440

9,557

1 / 1

D4120.04-57.15F51-P48

2,250

9,000

10,62

3,250

2,000

2,440

10,093

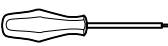
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Bodies and assembly parts are included in the scope of delivery

Assembly parts

	D _c [inch]	0,656–0,781	0,812–0,937	0,968–1,125	1,171–1,375	1,421–1,625	1,687–2,25
	Clamping screw for indexable insert Tightening torque	FS2111 (T7IP) 0,664 lbs	FS1454 (T8IP) 0,885 lbs	FS1457 (T9IP) 1,475 lbs	FS2080 (T15IP) 1,844 lbs	FS1453 (T15IP) 2,581 lbs	FS1495 (T20IP) 3,688 lbs

Accessories

	D _c [inch]	0,656–0,781	0,812–0,937	0,968–1,125	1,171–1,625	1,687–2,25
	Torque screwdriver, analogue	FS2002	FS2002	FS2004	FS2004	FS2004
	Torque screwdriver, digital		FS2248	FS2248	FS2248	FS2248
	Interchangeable blade	FS2011 (T7IP)	FS2012 (T8IP)	FS2013 (T9IP)	FS2014 (T15IP)	FS2015 (T20IP)
	Screwdriver	FS2088 (T7IP)	FS1483 (T8IP)	FS1484 (T9IP)	FS1485 (T15IP)	FS1486 (T20IP)

Indexable inserts

		P				M		K		N		S
		HC				HC		HC		HC	HW	H
		WKP25S	WKP35S	WSP45G	WXP40	WSP45G	WXP40	WKP25S	WKP35S	WNN15	WNN15	WSP45G
Designation	Size											
	P4840C-2R-E67											
	P4840C-2R-E77											
	P4841C-2R-A57											
	P4841C-2R-E57											
	P4840C-3R-E67											
	P4840C-3R-E77											
	P4841C-3R-A57											
	P4841C-3R-E57											
	P4840C-.R-E67	0.2–0.3										
	P4840C-.R-E77	0.2–0.3										
	P4841C-.R-A57	0.2–0.3										
	P4841C-.R-E57	0.2–0.3										
	P4840P-2R-A57											
	P4840P-2R-E57											
	P4840P-2R-E67											
	P4840P-2R-E77											
	P4841P-2R-A57											
	P4841P-2R-E57											
	P4840P-3R-A57											
	P4840P-3R-E57											
	P4840P-3R-E67											
	P4840P-3R-E77											
	P4841P-3R-A57											
	P4841P-3R-E57											
	P4840P-.R-A57	0.2–0.3										
	P4840P-.R-E57	0.2–0.3										
	P4840P-.R-E67	0.2–0.3										
	P4840P-.R-E77	0.2–0.3										
	P4841P-.R-A57	0.2–0.3										
	P4841P-.R-E57	0.2–0.3										

P48 ... C = Centre insert

P48 ... P = Outer insert

HC = Coated carbide

HW = Uncoated carbide

Indexable insert drills

D4120 mm

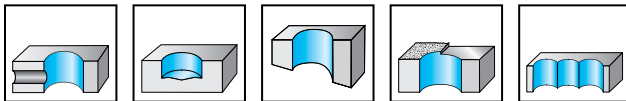
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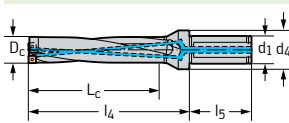
5×D_c

Z = 1



	P	M	K	N	S	H	O
D4120	●●		●●	●●			

Tool



Cylindrical shank with flat

Designation

D_c
mm

L_c
mm

l₄
mm

l₅
mm

d₁
mm

d₄
mm

No. of
inserts
EA

Type

D4120-05-16.50F25-P42

16,5

82,5

107,5

56

25

35

0,38

1 / 1

P484 . P-2R- ..

D4120-05-17.00F25-P42

17

85

110

56

25

35

0,39

1 / 1

P484 . C-2R- ..

D4120-05-17.50F25-P42

17,5

87,5

112,5

56

25

35

0,39

1 / 1

D4120-05-18.00F25-P42

18

90

115

56

25

35

0,45

1 / 1

D4120-05-18.50F25-P42

18,5

92,5

117,5

56

25

35

0,41

1 / 1

D4120-05-19.00F25-P42

19

95

120

56

25

35

0,47

1 / 1

D4120-05-19.50F25-P42

19,5

97,5

122,5

56

25

35

0,43

1 / 1

D4120-05-20.00F25-P42

20

100

125

56

25

35

0,47

1 / 1

D4120-05-20.50F25-P43

20,5

102,5

127,5

56

25

35

0,44

1 / 1

P484 . P-3R- ..

D4120-05-21.00F25-P43

21

105

130

56

25

35

0,44

1 / 1

P484 . C-3R- ..

D4120-05-21.50F25-P43

21,5

107,5

132,5

56

25

35

0,46

1 / 1

D4120-05-22.00F25-P43

22

110

135

56

25

35

0,51

1 / 1

D4120-05-22.50F25-P43

22,5

112,5

137,5

56

25

35

0,49

1 / 1

D4120-05-23.00F25-P43

23

115

140

56

25

35

0,55

1 / 1

D4120-05-23.50F25-P43

23,5

117,5

142,5

56

25

35

0,52

1 / 1

D4120-05-24.00F25-P43

24

120

145

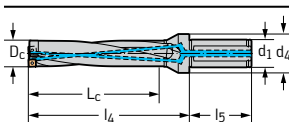
56

25

35

0,53

1 / 1



Cylindrical shank with flat

D4120-05-24.50F25-P44

24,5

122,5

147,5

56

25

35

0,53

1 / 1

P484 . P-4R- ..

D4120-05-25.00F25-P44

25

125

150

56

25

35

0,61

1 / 1

P484 . C-4R- ..

D4120-05-25.50F32-P44

25,5

127,5

159,5

60

32

42

0,82

1 / 1

D4120-05-26.00F32-P44

26

130

162

60

32

42

0,95

1 / 1

D4120-05-26.50F32-P44

26,5

132,5

164,5

60

32

42

0,86

1 / 1

D4120-05-27.00F32-P44

27

135

167

60

32

42

0,93

1 / 1

D4120-05-27.50F32-P44

27,5

137,5

169,5

60

32

42

0,9

1 / 1

D4120-05-28.00F32-P44

28

140

172

60

32

42

1,03

1 / 1

D4120-05-28.50F32-P44

28,5

142,5

174,5

60

32

42

0,95

1 / 1

D4120-05-29.00F32-P44

29

145

177

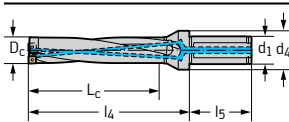
60

32

42

1,04

1 / 1



Cylindrical shank with flat

D4120-05-29.50F32-P45

29,5

147,5

179,5

60

32

42

0,98

1 / 1

P484 . P-5R- ..

D4120-05-30.00F32-P45

30

150

182

60

32

42

1,01

1 / 1

P484 . C-5R- ..

D4120-05-30.50F32-P45

30,5

152,5

184,5

60

32

42

1,03

1 / 1

D4120-05-31.00F32-P45

31

155

187

60

32

42

1,13

1 / 1

D4120-05-31.50F32-P45

31,5

157,5

189,5

60

32

42

1,09

1 / 1

D4120-05-32.00F32-P45

32

160

192

60

32

42

1,19

1 / 1

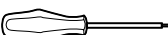
D4120-05-32.50F32-P45

32,5

Assembly parts

	D _c [mm]	16,5–20	20,5–24	24,5–29	29,5–35	35,5–42	43–59
	Clamping screw for indexable insert Tightening torque	FS2111 (T7IP) 0,9 Nm	FS1454 (T8IP) 1,2 Nm	FS1457 (T9IP) 2 Nm	FS2080 (T15IP) 2,5 Nm	FS1453 (T15IP) 3,5 Nm	FS1495 (T20IP) 5 Nm

Accessories

	D _c [mm]	16,5–20	20,5–24	24,5–29	29,5–42	43–59
	Torque screwdriver, analogue	FS2001	FS2001	FS2003	FS2003	FS2003
	Torque screwdriver, digital		FS2248	FS2248	FS2248	FS2248
	Interchangeable blade	FS2011 (T7IP)	FS2012 (T8IP)	FS2013 (T9IP)	FS2014 (T15IP)	FS2015 (T20IP)
	Screwdriver	FS2088 (T7IP)	FS1483 (T8IP)	FS1484 (T9IP)	FS1485 (T15IP)	FS1486 (T20IP)

Indexable inserts

Designation	Size	P				M		K		N		S
		HC				HC		HC		HC	HW	HC
		WKP25S	WKP35S	WSP45G	WXP40	WSP45G	WXP40	WKP25S	WKP35S	WNN15	WNN15	WSP45G
	P4840C-2R-E67											
	P4840C-2R-E77											
	P4841C-2R-A57											
	P4841C-2R-E57											
	P4840C-3R-E67											
	P4840C-3R-E77											
	P4841C-3R-A57											
	P4841C-3R-E57											
	P4840C-.R-E67											
	P4840C-.R-E77											
	P4841C-.R-A57											
	P4841C-.R-E57											
	P4840P-2R-A57											
	P4840P-2R-E57											
	P4840P-2R-E67											
	P4840P-2R-E77											
	P4841P-2R-A57											
	P4841P-2R-E57											
	P4840P-3R-A57											
	P4840P-3R-E57											
	P4840P-3R-E67											
	P4840P-3R-E77											
	P4841P-3R-A57											
	P4841P-3R-E57											
	P4840P-.R-A57											
	P4840P-.R-E57											
	P4840P-.R-E67											
	P4840P-.R-E77											
	P4841P-.R-A57											
	P4841P-.R-E57											

HC = Coated carbide
HW = Uncoated carbide

WALTER SELECT

Stability of machine, workpiece and clamping arrangement

→ Very good = 

→ Good = 

→ Moderate = 

   / * = New addition to the product range

Indexable insert drills

B 289

B1

Indexable insert drills

D4120 mm

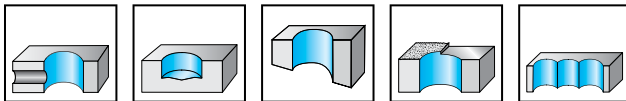
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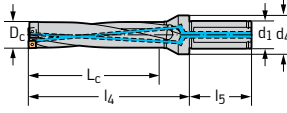
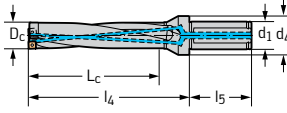
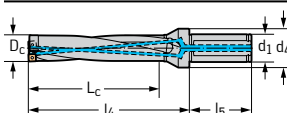
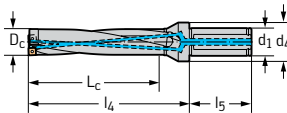
5×D_C

Z = 1



	P	M	K	N	S	H	O
D4120	●●		●●	●●			

Tool

	Designation	D _C mm	L _C mm	l ₄ mm	l ₅ mm	d ₁ mm	d ₄ mm	kg	No. of inserts EA	Type
	D4120-05-34.00F32-P45	34	170	202	60	32	42	1,31	1 / 1	P484 . P-5R- .. P484 . C-5R- ..
	D4120-05-34.50F32-P45	34,5	172,5	204,5	60	32	42	1,28	1 / 1	
	D4120-05-35.00F32-P45	35	175	207	60	32	42	1,3	1 / 1	
	D4120-05-35.50F32-P46	35,5	177,5	209,5	60	32	42	1,28	1 / 1	P484 . P-6R- .. P484 . C-6R- ..
	D4120-05-36.00F32-P46	36	180	212	60	32	42	1,32	1 / 1	
	D4120-05-36.50F32-P46	36,5	182,5	214,5	60	32	50	1,35	1 / 1	
	D4120-05-37.00F40-P46	37	185	225	70	40	50	1,45	1 / 1	
	D4120-05-37.50F40-P46	37,5	187,5	227,5	70	40	50	1,89	1 / 1	
	D4120-05-38.00F40-P46	38	190	230	70	40	50	2,02	1 / 1	
	D4120-05-38.50F40-P46	38,5	192,5	232,5	70	40	50	1,97	1 / 1	
	D4120-05-39.00F40-P46	39	195	235	70	40	50	2,09	1 / 1	
	D4120-05-39.50F40-P46	39,5	197,5	237,5	70	40	50	2,06	1 / 1	
	D4120-05-40.00F40-P46	40	200	240	70	40	50	2,17	1 / 1	
	D4120-05-40.50F40-P46	40,5	202,5	242,5	70	40	50	2,16	1 / 1	
	D4120-05-41.00F40-P46	41	205	245	70	40	50	2,32	1 / 1	
	D4120-05-41.50F40-P46	41,5	207,5	247,5	70	40	50	2,26	1 / 1	P484 . P-7R- .. P484 . C-7R- ..
	D4120-05-42.00F40-P46	42	210	250	70	40	50	2,45	1 / 1	
	D4120-05-43.00F40-P47	43	215	255	70	40	50	2,49	1 / 1	
	D4120-05-44.00F40-P47	44	220	260	70	40	50	2,61	1 / 1	
	D4120-05-45.00F40-P47	45	225	265	70	40	50	2,71	1 / 1	
	D4120-05-46.00F40-P47	46	230	270	70	40	50	2,81	1 / 1	
	D4120-05-47.00F40-P47	47	235	275	70	40	50	2,93	1 / 1	
	D4120-05-48.00F40-P47	48	240	280	70	40	50	3,08	1 / 1	
	D4120-05-49.00F40-P47	49	245	285	70	40	50	3,2	1 / 1	P484 . P-8R- .. P484 . C-8R- ..
	D4120-05-50.00F40-P47	50	250	290	70	40	50	3,39	1 / 1	
	D4120-05-51.00F40-P48	51	255	295	70	40	50	3,45	1 / 1	
	D4120-05-52.00F40-P48	52	260	300	70	40	50	3,61	1 / 1	
	D4120-05-53.00F40-P48	53	265	305	70	40	50	3,74	1 / 1	
	D4120-05-54.00F40-P48	54	270	310	70	40	50	3,86	1 / 1	
	D4120-05-55.00F40-P48	55	275	315	70	40	50	4,07	1 / 1	
	D4120-05-56.00F40-P48	56	280	320	70	40	50	4,22	1 / 1	
	D4120-05-57.00F40-P48	57	285	325	70	40	50	4,2	1 / 1	
	D4120-05-58.00F40-P48	58	290	330	70	40	50	4,39	1 / 1	
	D4120-05-59.00F40-P48	59	295	335	70	40	50	4,8	1 / 1	

Bodies and assembly parts are included in the scope of delivery

WALTER SELECT

Stability of machine, workpiece and clamping arrangement

→ Very good = ☺

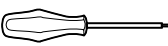
→ Good = ☹

→ Moderate = ☹

Assembly parts

	D _c [mm]	16,5–20	20,5–24	24,5–29	29,5–35	35,5–42	43–59
	Clamping screw for indexable insert Tightening torque	FS2111 (T7IP) 0,9 Nm	FS1454 (T8IP) 1,2 Nm	FS1457 (T9IP) 2 Nm	FS2080 (T15IP) 2,5 Nm	FS1453 (T15IP) 3,5 Nm	FS1495 (T20IP) 5 Nm

Accessories

	D _c [mm]	16,5–20	20,5–24	24,5–29	29,5–42	43–59
	Torque screwdriver, analogue	FS2001	FS2001	FS2003	FS2003	FS2003
	Torque screwdriver, digital		FS2248	FS2248	FS2248	FS2248
	Interchangeable blade	FS2011 (T7IP)	FS2012 (T8IP)	FS2013 (T9IP)	FS2014 (T15IP)	FS2015 (T20IP)
	Screwdriver	FS2088 (T7IP)	FS1483 (T8IP)	FS1484 (T9IP)	FS1485 (T15IP)	FS1486 (T20IP)

Indexable inserts

Designation	Size	P				M		K		N		S
		HC				HC		HC		HC HW		HC
		WKP25S	WKP35S	WSP45G	WXP40	WSP45G	WXP40	WKP25S	WKP35S	WNN15	WNN15	WSP45G
	P4840C-2R-E67											
	P4840C-2R-E77											
	P4841C-2R-A57											
	P4841C-2R-E57											
	P4840C-3R-E67											
	P4840C-3R-E77											
	P4841C-3R-A57											
	P4841C-3R-E57											
	P4840C-.R-E67											
	P4840C-.R-E77											
	P4841C-.R-A57											
	P4841C-.R-E57											
	P4840P-2R-A57											
	P4840P-2R-E57											
	P4840P-2R-E67											
	P4840P-2R-E77											
	P4841P-2R-A57											
	P4841P-2R-E57											
	P4840P-3R-A57											
	P4840P-3R-E57											
	P4840P-3R-E67											
	P4840P-3R-E77											
	P4841P-3R-A57											
	P4841P-3R-E57											
	P4840P-.R-A57											
	P4840P-.R-E57											
	P4840P-.R-E67											
	P4840P-.R-E77											
	P4841P-.R-A57											
	P4841P-.R-E57											

HC = Coated carbide
HW = Uncoated carbide

WALTER SELECT

Stability of machine, workpiece and clamping arrangement

→ Very good = 

→ Good = 

→ Moderate = 

   / * = New addition to the product range

Indexable insert drills

B 291

B1

Indexable insert drills

D4120 inch

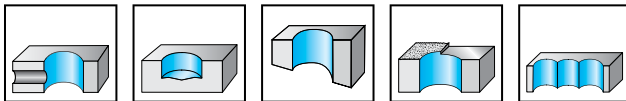
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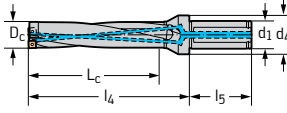
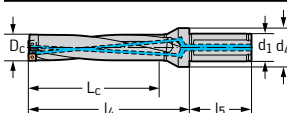
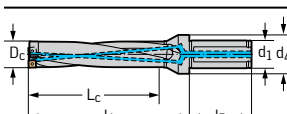
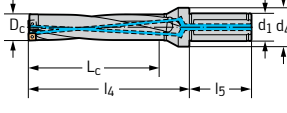
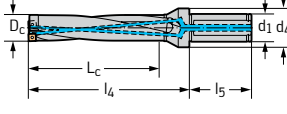
5×D_C

Z = 1



	P	M	K	N	S	H	O
D4120	●●		●●	●●			

Tool

	Designation	D _C inch	L _C inch	l ₄ inch	l ₅ inch	d ₁ inch	d ₄ inch	lbs	No. of inserts EA	Type
 Cylindrical shank with flat	D4120.05-16.66F26-P42	0,656	3,280	4,280	2,281	1,000	1,375	1,030	1 / 1	P484 . P-2R- .. P484 . C-2R- ..
	D4120.05-17.04F26-P42	0,671	3,355	4,355	2,281	1,000	1,375	1,047	1 / 1	
	D4120.05-17.45F26-P42	0,687	3,435	4,435	2,281	1,000	1,375	1,071	1 / 1	
	D4120.05-17.86F26-P42	0,703	3,515	4,515	2,281	1,000	1,375	1,049	1 / 1	
	D4120.05-18.24F26-P42	0,718	3,590	4,59	2,281	1,000	1,375	1,107	1 / 1	
	D4120.05-19.05F26-P42	0,750	3,750	4,750	2,281	1,000	1,375	1,177	1 / 1	
	D4120.05-19.43F26-P42	0,765	3,825	4,825	2,281	1,000	1,375	1,118	1 / 1	
	D4120.05-19.84F26-P42	0,781	3,905	4,905	2,281	1,000	1,375	1,135	1 / 1	
	D4120.05-20.62F26-P43	0,812	4,06	5,060	2,281	1,000	1,375	1,155	1 / 1	
	D4120.05-21.41F26-P43	0,843	4,215	5,215	2,281	1,000	1,375	1,239	1 / 1	
 Cylindrical shank with flat	D4120.05-22.23F31-P43	0,875	4,375	5,505	2,281	1,250	1,625	1,671	1 / 1	P484 . P-3R- .. P484 . C-3R- ..
	D4120.05-23.01F31-P43	0,906	4,530	5,660	2,281	1,250	1,625	1,775	1 / 1	
	D4120.05-23.39F31-P43	0,921	4,605	5,735	2,281	1,250	1,625	1,799	1 / 1	
	D4120.05-23.80F31-P43	0,937	4,685	5,815	2,281	1,250	1,625	1,830	1 / 1	
	D4120.05-24.59F31-P44	0,968	4,840	5,97	2,281	1,250	1,625	1,759	1 / 1	
	D4120.05-24.99F31-P44	0,984	4,92	6,050	2,281	1,250	1,625	1,764	1 / 1	
	D4120.05-25.40F31-P44	1,000	5,000	6,130	2,362	1,250	1,625	1,94	1 / 1	
	D4120.05-26.57F31-P44	1,046	5,230	6,360	2,281	1,250	1,625	2,064	1 / 1	
	D4120.05-26.97F31-P44	1,062	5,31	6,44	2,281	1,250	1,625	2,072	1 / 1	
	D4120.05-28.17F31-P44	1,109	5,545	6,675	2,281	1,250	1,625	2,22	1 / 1	
 Cylindrical shank with flat	D4120.05-28.58F31-P44	1,125	5,625	6,755	2,281	1,250	1,625	2,227	1 / 1	P484 . P-4R- .. P484 . C-4R- ..
	D4120.05-29.74F31-P45	1,171	5,855	6,985	2,281	1,250	1,625	2,33	1 / 1	
	D4120.05-30.15F31-P45	1,187	5,935	7,065	2,281	1,250	1,625	2,374	1 / 1	
	D4120.05-31.75F31-P45	1,250	6,250	7,380	2,281	1,250	1,625	2,579	1 / 1	
	D4120.05-33.32F31-P45	1,312	6,56	7,69	2,281	1,250	1,625	2,789	1 / 1	
	D4120.05-34.11F31-P45	1,343	6,715	7,845	2,281	1,250	1,625	2,908	1 / 1	
	D4120.05-34.93F31-P45	1,375	6,875	8,005	2,281	1,250	1,625	2,91	1 / 1	
	D4120.05-36.09F31-P46	1,421	7,105	8,235	2,281	1,250	1,625	2,932	1 / 1	
	D4120.05-36.50F38-P46	1,437	7,185	8,565	2,688	1,500	1,940	3,814	1 / 1	
	D4120.05-38.10F38-P46	1,500	7,500	8,880	2,688	1,500	1,940	4,079	1 / 1	
 Cylindrical shank with flat	D4120.05-39.67F38-P46	1,562	7,81	9,19	2,688	1,500	1,940	4,597	1 / 1	P484 . P-6R- .. P484 . C-6R- ..
	D4120.05-41.28F38-P46	1,625	8,125	9,505	2,688	1,500	1,940	4,579	1 / 1	
	D4120.05-42.85F38-P47	1,687	8,435	9,815	2,688	1,500	1,940	4,665	1 / 1	
	D4120.05-44.45F38-P47	1,750	8,750	10,130	2,688	1,500	1,940	5,146	1 / 1	
	D4120.05-46.02F38-P47	1,812	9,06	10,44	2,688	1,500	1,940	5,54	1 / 1	
	D4120.05-47.63F38-P47	1,875	9,375	10,755	2,688	1,500	1,940	5,977	1 / 1	
	D4120.05-49.20F38-P47	1,937	9,685	11,065	2,688	1,500	1,940	6,446	1 / 1	
 Cylindrical shank with flat										P484 . P-7R- .. P484 . C-7R- ..

Bodies and assembly parts are included in the scope of delivery

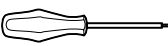
WALTER SELECT

Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = ☹ → Moderate = ☹

Assembly parts

	D _c [inch]	0,656–0,781	0,812–0,937	0,968–1,125	1,171–1,375	1,421–1,625	1,687–2,25
	Clamping screw for indexable insert Tightening torque	FS2111 (T7IP) 0,664 lbs	FS1454 (T8IP) 0,885 lbs	FS1457 (T9IP) 1,475 lbs	FS2080 (T15IP) 1,844 lbs	FS1453 (T15IP) 2,581 lbs	FS1495 (T20IP) 3,688 lbs

Accessories

	D _c [inch]	0,656–0,781	0,812–0,937	0,968–1,125	1,171–1,625	1,687–2,25
	Torque screwdriver, analogue	FS2002	FS2002	FS2004	FS2004	FS2004
	Torque screwdriver, digital		FS2248	FS2248	FS2248	FS2248
	Interchangeable blade	FS2011 (T7IP)	FS2012 (T8IP)	FS2013 (T9IP)	FS2014 (T15IP)	FS2015 (T20IP)
	Screwdriver	FS2088 (T7IP)	FS1483 (T8IP)	FS1484 (T9IP)	FS1485 (T15IP)	FS1486 (T20IP)

Indexable inserts

Designation	Size	P				M		K		N		S
		HC				HC		HC		HC HW		HC
		WKP25S	WKP35S	WSP45G	WXP40	WSP45G	WXP40	WKP25S	WKP35S	WNN15	WNN15	WSP45G
	P4840C-2R-E67											
	P4840C-2R-E77											
	P4841C-2R-A57											
	P4841C-2R-E57											
	P4840C-3R-E67											
	P4840C-3R-E77											
	P4841C-3R-A57											
	P4841C-3R-E57											
	P4840C-.R-E67											
	P4840C-.R-E77											
	P4841C-.R-A57											
	P4841C-.R-E57											
	P4840P-2R-A57											
	P4840P-2R-E57											
	P4840P-2R-E67											
	P4840P-2R-E77											
	P4841P-2R-A57											
	P4841P-2R-E57											
	P4840P-3R-A57											
	P4840P-3R-E57											
	P4840P-3R-E67											
	P4840P-3R-E77											
	P4841P-3R-A57											
	P4841P-3R-E57											
	P4840P-.R-A57											
	P4840P-.R-E57											
	P4840P-.R-E67											
	P4840P-.R-E77											
	P4841P-.R-A57											
	P4841P-.R-E57											

P48 ... C = Centre insert

P48 ... P = Outer insert

HC = Coated carbide

HW = Uncoated carbide

Indexable insert drills

D4120 inch

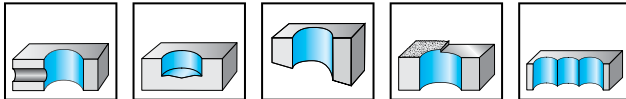
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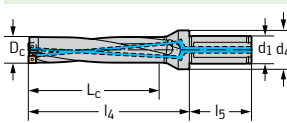
5×D_c

Z = 1



	P	M	K	N	S	H	O
D4120	●●		●●	●●			

Tool



Cylindrical shank with flat

Designation

D_c
inch

L_c
inch

l₄
inch

l₅
inch

d₁
inch

d₄
inch

No. of
inserts
EA

Type

D4120.05-50.80F51-P48

2,000

10,000

11,62

3,250

2,000

2,440

9,132

1 / 1

P484 . P-8R- ..

D4120.05-52.37F51-P48

2,062

10,31

11,930

3,250

2,000

2,440

9,685

1 / 1

P484 . C-8R- ..

D4120.05-53.98F51-P48

2,125

10,625

12,245

3,250

2,000

2,440

10,28

1 / 1

D4120.05-55.55F51-P48

2,187

10,935

12,555

3,250

2,000

2,440

10,895

1 / 1

D4120.05-57.15F51-P48

2,250

11,250

12,87

3,250

2,000

2,440

11,559

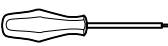
1 / 1

Bodies and assembly parts are included in the scope of delivery

Assembly parts

	D _c [inch]	0,656–0,781	0,812–0,937	0,968–1,125	1,171–1,375	1,421–1,625	1,687–2,25
	Clamping screw for indexable insert Tightening torque	FS2111 (T7IP) 0,664 lbs	FS1454 (T8IP) 0,885 lbs	FS1457 (T9IP) 1,475 lbs	FS2080 (T15IP) 1,844 lbs	FS1453 (T15IP) 2,581 lbs	FS1495 (T20IP) 3,688 lbs

Accessories

	D _c [inch]	0,656–0,781	0,812–0,937	0,968–1,125	1,171–1,625	1,687–2,25
	Torque screwdriver, analogue	FS2002	FS2002	FS2004	FS2004	FS2004
	Torque screwdriver, digital		FS2248	FS2248	FS2248	FS2248
	Interchangeable blade	FS2011 (T7IP)	FS2012 (T8IP)	FS2013 (T9IP)	FS2014 (T15IP)	FS2015 (T20IP)
	Screwdriver	FS2088 (T7IP)	FS1483 (T8IP)	FS1484 (T9IP)	FS1485 (T15IP)	FS1486 (T20IP)

Indexable inserts

		P				M		K		N		S
		HC				HC		HC		HC	HW	H
		WKP25S	WKP35S	WSP45G	WXP40	WSP45G	WXP40	WKP25S	WKP35S	WNN15	WNI15	WSP/EC
Designation	Size											
	P4840C-2R-E67		✖	✖	✖	✖	✖		✖			✖
	P4840C-2R-E77									✖	✖	
	P4841C-2R-A57		✖	✖	✖	✖	✖		✖			✖
	P4841C-2R-E57		✖	✖	✖	✖	✖		✖			✖
	P4840C-3R-E67		✖	✖					✖			✖
	P4840C-3R-E77									✖	✖	
	P4841C-3R-A57		✖	✖	✖	✖	✖		✖			✖
	P4841C-3R-E57		✖	✖	✖	✖	✖		✖			✖
	P4840C-.R-E67	0.2–0.3		✖	✖	✖	✖		✖			✖
	P4840C-.R-E77	0.2–0.3								✖	✖	
P4841C-.R-A57	0.2–0.3		✖	✖	✖	✖	✖		✖		✖	
P4841C-.R-E57	0.2–0.3		✖	✖	✖	✖	✖		✖		✖	
	P4840P-2R-A57		✖	✖		✖		✖	✖			✖
	P4840P-2R-E57	0.1	✖	✖		✖		✖	✖			✖
	P4840P-2R-E67	0.1	✖	✖		✖		✖	✖			✖
	P4840P-2R-E77	0.1								✖	✖	
	P4841P-2R-A57	0.1	✖	✖		✖		✖	✖			✖
	P4841P-2R-E57	0.1	✖	✖		✖		✖	✖			✖
	P4840P-3R-A57	0.1	✖	✖		✖		✖	✖			✖
	P4840P-3R-E57	0.1	✖	✖		✖		✖	✖			✖
	P4840P-3R-E67	0.1	✖	✖		✖		✖	✖			✖
	P4840P-3R-E77	0.1								✖	✖	
	P4841P-3R-A57	0.1	✖	✖		✖		✖	✖			✖
	P4841P-3R-E57	0.1	✖	✖		✖		✖	✖			✖
	P4840P-.R-A57	0.2–0.3	✖	✖		✖		✖	✖			✖
	P4840P-.R-E57	0.2–0.3	✖	✖		✖		✖	✖			✖
	P4840P-.R-E67	0.2–0.3	✖	✖		✖		✖	✖			✖
	P4840P-.R-E77	0.2–0.3								✖	✖	
	P4841P-.R-A57	0.2–0.3	✖	✖		✖		✖	✖			✖
	P4841P-.R-E57	0.2–0.3	✖	✖		✖		✖	✖			✖

P48 ... C = Centre insert

P48 ... P = Outer insert

HC = Coated carbide

HW = Uncoated carbide

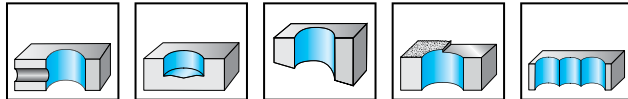
Indexable insert drill with cartridge

D4170

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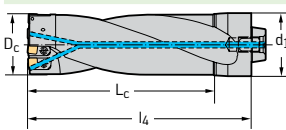
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D_c 65-80	$3 \times D_c$	$Z = 1$

	P	M	K	N	S	H	O
D4170	●	●	●	●	●		

Tool

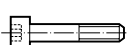


Modular NCT adaptor

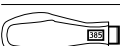
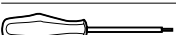
Designation	D_c mm	L_c mm	l_4 mm	d_1 mm	d_1	kg	No. of inserts	Type
D4170-03-65.00N8-P45	65	195	245	80	NCT 80	4,32	3 / 1	P484 . P-5R- .. P484 . C-5R- ..
D4170-03-68.00N8-P46	68	204	254	80	NCT 80	4,4	3 / 1	P484 . P-6R- .. P484 . C-6R- ..
D4170-03-70.00N8-P46	70	210	260	80	NCT 80	4,64	3 / 1	
D4170-03-78.00N8-P46	78	234	284	80	NCT 80	6,13	3 / 1	
D4170-03-80.00N8-P45	80	240	290	80	NCT 80	6,33	5 / 1	P484 . P-5R- .. P484 . C-5R- ..

Important: A disc forms where through-holes are created by a rotating tool. This disc might then be ejected. Please take precautionary measures. | Bodies and assembly parts are included in the scope of delivery

Assembly parts

	D _c [mm]	65	68	70	78	80
	Clamping screw for indexable insert Tightening torque	FS1453 (T15IP) 3,5 Nm	FS1453 (T15IP) 3,5 Nm	FS1453 (T15IP) 3,5 Nm	FS1453 (T15IP) 3,5 Nm	FS1453 (T15IP) 3,5 Nm
	Internal cartridge	FR737C-5	FR743C-6	FR743C-6	FR743C-6	FR737C-5
	External cartridge 1	FR738P-5	FR744P-6	FR744P-6	FR744P-6	FR738P-5
	Adjusting screw, radial	FS334 (SW 2)	FS334 (SW 2)			
	External cartridge 2	FR741P-5	FR745P-6	FR746P-6	FR748P-6	FR739P-5
	External cartridge 2 Clamping screw for Tightening torque	FS1149 (SW 4) 5 Nm	FS1149 (SW 4) 5 Nm	FS1149 (SW 4) 5 Nm	FS1149 (SW 4) 5 Nm	FS1149 (SW 4) 5 Nm
	External cartridge 2 Clamping screw for Tightening torque	FS966 (SW 5) 8 Nm	FS966 (SW 5) 8 Nm	FS966 (SW 5) 8 Nm	FS966 (SW 5) 8 Nm	FS966 (SW 5) 8 Nm

Accessories

	D _c [mm]	65–80
	Torque screwdriver, analogue	FS2003
	Torque screwdriver, digital	FS2248
	Interchangeable blade	FS2014 (T15IP)
	External cartridge 2 ISO 2936 key for	ISO2936-4 (SW 4)
	External cartridge 2 ISO 2936 key for	ISO2936-5 (SW 5)
	Screwdriver	FS1485 (T15IP)

Three external cartridges 1 (FR738P-5) are fitted in tools with the diameter D_c = 80 mm

Indexable inserts

	Designation	Size	P				M		K		N		S
			HC				HC		HC		HC HW		HC
			WKP25S	WKP35S	WSP45G	WXP40	WSP45G	WXP40	WKP25S	WKP35S	WNN15	WN15	WSP45G
	P4840C-.R-E67	5–6	☒	☒	☒	☒	☒	☒	☒	☒			☒
	P4840C-.R-E77	5–6									☒	☒	
	P4841C-.R-A57	5–6	☒	☒	☒	☒	☒	☒	☒	☒			☒
	P4841C-.R-E57	5–6	☒	☒	☒	☒	☒	☒	☒	☒			☒
	P4840P-.R-A57	5–6	☒	☒	☒		☒		☒	☒			☒
	P4840P-.R-E57	5–6	☒	☒	☒		☒		☒	☒			☒
	P4840P-.R-E67	5–6	☒	☒	☒		☒		☒	☒			☒
	P4840P-.R-E77	5–6									☒	☒	
	P4841P-.R-A57	5–6	☒	☒	☒		☒		☒	☒			☒
	P4841P-.R-E57	5–6	☒	☒	☒		☒		☒	☒			☒

P48...C = Centre insert
P48...P = Outer insert

HC = Coated carbide
HW = Uncoated carbide

Indexable insert drills

D3120 mm

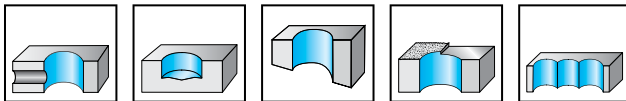
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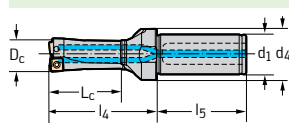
2×D_C

Z = 1



	P	M	K	N	S	H	O
D3120	●	●	●	●	●		

Tool



Cylindrical shank with flat

Designation

D_C
mm

L_C
mm

l₄
mm

l₅
mm

d₁
mm

d₄
mm

kg

No. of
inserts

Type

D3120-02-16.00F25-P21	16	32	57	56	25	32	0,3	2	P284 . S-1N- ..
D3120-02-17.00F25-P21	17	34	59	56	25	32	0,31	2	
D3120-02-18.00F25-P21	18	36	61	56	25	32	0,31	2	
D3120-02-19.00F25-P21	19	38	63	56	25	32	0,32	2	
D3120-02-20.00F25-P21	20	40	65	56	25	32	0,34	2	
D3120-02-21.00F25-P22	21	42	67	56	25	32	0,33	2	P284 . S-2N- ..
D3120-02-22.00F25-P22	22	44	69	56	25	32	0,35	2	
D3120-02-23.00F25-P22	23	46	71	56	25	32	0,36	2	
D3120-02-24.00F25-P22	24	48	73	56	25	32	0,37	2	
D3120-02-25.00F25-P22	25	50	75	56	25	32	0,39	2	
D3120-02-26.00F32-P23	26	52	84	60	32	40	0,62	2	P284 . S-3N- ..
D3120-02-27.00F32-P23	27	54	86	60	32	40	0,68	2	
D3120-02-28.00F32-P23	28	56	88	60	32	40	0,7	2	
D3120-02-29.00F32-P23	29	58	90	60	32	40	0,69	2	
D3120-02-30.00F32-P23	30	60	92	60	32	40	0,71	2	
D3120-02-31.00F32-P24	31	62	94	60	32	40	0,69	2	P284 . S-4N- ..
D3120-02-32.00F32-P24	32	64	96	60	32	40	0,72	2	
D3120-02-33.00F32-P24	33	66	98	60	32	40	0,75	2	
D3120-02-34.00F32-P24	34	68	100	60	32	40	0,78	2	
D3120-02-35.00F32-P24	35	70	102	60	32	40	0,81	2	
D3120-02-36.00F32-P24	36	72	104	60	32	40	0,85	2	
D3120-02-37.00F40-P25	37	74	114	70	40	50	1,28	2	P284 . S-5N- ..
D3120-02-38.00F40-P25	38	76	116	70	40	50	1,32	2	
D3120-02-39.00F40-P25	39	78	118	70	40	50	1,36	2	
D3120-02-40.00F40-P25	40	80	120	70	40	50	1,39	2	
D3120-02-41.00F40-P25	41	82	122	70	40	50	1,44	2	
D3120-02-42.00F40-P25	42	84	124	70	40	50	1,48	2	

Bodies and assembly parts are included in the scope of delivery

WALTER SELECT

Stability of machine, workpiece and clamping arrangement

→ Very good =

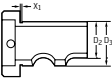
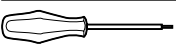
→ Good =

→ Moderate =

Assembly parts

	D _c [mm]	16–20	21–25	26–30	31–36	37–42
	Clamping screw for indexable insert Tightening torque	FS1454 (T8IP) 1,2 Nm	FS1456 (T9IP) 2 Nm	FS2181 (T15IP) 3 Nm	FS2119 (T15IP) 3 Nm	FS2139 (T20IP) 5 Nm

Accessories

	D _c [mm]	16–20	21–25	26–36	37–42
	Eccentric sleeve, adj. range dia. -0.2 to +0.55 mm	FS722	FS722	FS723	FS724
	Torque screwdriver, analogue	FS2001	FS2003	FS2003	FS2003
	Torque screwdriver, digital	FS2248	FS2248	FS2248	FS2248
	Interchangeable blade	FS2012 (T8IP)	FS2013 (T9IP)	FS2014 (T15IP)	FS2015 (T20IP)
	Screwdriver	FS1483 (T8IP)	FS1484 (T9IP)	FS1485 (T15IP)	FS1486 (T20IP)

Indexable inserts

	Designation	Size	P				M	K		N		S	
			HC				HC	HC		HC	HW	HC	
			WKP25S	WKP35S	WSP45G	WXP40	WSP45G	WXP40	WKP25S	WKP35S	WNN15	WNI15	WSP45G
	P2840S-.N-A57	1-5	☺	☺	☺		☺		☺	☺			☺
	P2840S-.N-E67	1-5		☺	☺		☺			☺			☺
	P2840S-.N-E77	1-5								☺	☺		
	P2841S-.N-A57	1-5	☺	☺	☺	☺	☺	☺	☺				☺
	P2841S-.N-E57	1-5	☺	☺	☺	☺	☺	☺	☺				☺
	P2841S-.N-E67	1-5		☺	☺	☺	☺	☺		☺			☺
	P2840S-2N-A57	2	☺	☺	☺		☺		☺				☺
	P2840S-2N-E67	2		☺	☺		☺						☺
	P2840S-2N-E77	2								☺	☺		
	P2841S-2N-A57	2	☺	☺	☺	☺	☺	☺	☺				☺
	P2841S-2N-E57	2	☺	☺	☺	☺	☺	☺	☺				☺
	P2841S-2N-E67	2		☺	☺	☺	☺		☺				☺
	P2840S-3N-A57	3	☺	☺	☺				☺				☺
	P2840S-3N-E67	3		☺	☺				☺				☺
	P2840S-3N-E77	3								☺	☺		
	P2841S-3N-A57	3	☺	☺	☺	☺	☺	☺	☺				☺
	P2841S-3N-E57	3	☺	☺	☺	☺	☺	☺	☺				☺
	P2841S-3N-E67	3		☺	☺	☺	☺		☺				☺

HC = Coated carbide
HW = Uncoated carbide

WALTER SELECT

Stability of machine, workpiece and clamping arrangement

→ Very good = ☺

→ Good = ☺

→ Moderate = ☺

Indexable insert drills

D3120 mm

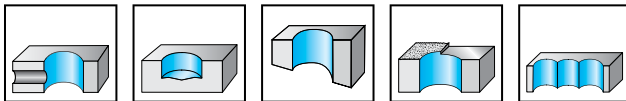
Drion-tec®



B1

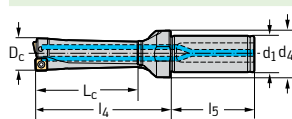
3×D_C

Z = 1



	P	M	K	N	S	H	O
D3120	●	●	●	●	●		

Tool



Cylindrical shank with flat

Designation

D_C
mm

L_C
mm

l₄
mm

l₅
mm

d₁
mm

d₄
mm

kg

No. of
inserts

Type

D3120-03-16.00F25-P21

16

48

73

56

25

32

0,34

2

P284 . S-1N- ..

D3120-03-17.00F25-P21

17

51

76

56

25

32

0,32

2

D3120-03-17.50F25-P21

17,5

52,5

77,5

56

25

32

0,32

2

D3120-03-18.00F25-P21

18

54

79

56

25

32

0,33

2

D3120-03-19.00F25-P21

19

57

82

56

25

32

0,34

2

D3120-03-19.50F25-P21

19,5

58,5

83,5

56

25

32

0,39

2

D3120-03-20.00F25-P21

20

60

85

56

25

32

0,36

2

D3120-03-21.00F25-P22

21

63

88

56

25

32

0,36

2

P284 . S-2N- ..

D3120-03-22.00F25-P22

22

66

91

56

25

32

0,39

2

D3120-03-23.00F25-P22

23

69

94

56

25

32

0,37

2

D3120-03-24.00F25-P22

24

72

97

56

25

32

0,42

2

D3120-03-25.00F25-P22

25

75

100

56

25

32

0,46

2

D3120-03-26.00F32-P23

26

78

110

60

32

40

0,71

2

P284 . S-3N- ..

D3120-03-26.50F32-P23

26,5

79,5

111,5

60

32

40

0,69

2

D3120-03-27.00F32-P23

27

81

113

60

32

40

0,74

2

D3120-03-28.00F32-P23

28

84

116

60

32

40

0,73

2

D3120-03-29.00F32-P23

29

87

119

60

32

40

0,76

2

D3120-03-29.50F32-P23

29,5

88,5

120,5

60

32

40

0,78

2

D3120-03-30.00F32-P23

30

90

122

60

32

40

0,79

2

D3120-03-31.00F32-P24

31

93

125

60

32

40

0,78

2

P284 . S-4N- ..

D3120-03-32.00F32-P24

32

96

128

60

32

40

0,81

2

D3120-03-33.00F32-P24

33

99

131

60

32

40

0,86

2

D3120-03-34.00F32-P24

34

102

134

60

32

40

0,9

2

D3120-03-35.00F32-P24

35

105

137

60

32

40

0,98

2

D3120-03-36.00F32-P24

36

108

140

60

32

40

1,06

2

Bodies and assembly parts are included in the scope of delivery

WALTER SELECT

Stability of machine, workpiece and clamping arrangement

→ Very good = ☺

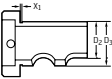
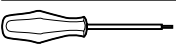
→ Good = ☹

→ Moderate = ☹

Assembly parts

	D _c [mm]	16–20	21–25	26–30	31–36
	Clamping screw for indexable insert Tightening torque	FS1454 (T8IP) 1,2 Nm	FS1456 (T9IP) 2 Nm	FS2181 (T15IP) 3 Nm	FS2119 (T15IP) 3 Nm

Accessories

	D _c [mm]	16–20	21–25	26–36
	Eccentric sleeve, adj. range dia. -0.2 to +0.55 mm	FS722	FS722	FS723
	Torque screwdriver, analogue	FS2001	FS2003	FS2003
	Torque screwdriver, digital	FS2248	FS2248	FS2248
	Interchangeable blade	FS2012 (T8IP)	FS2013 (T9IP)	FS2014 (T15IP)
	Screwdriver	FS1483 (T8IP)	FS1484 (T9IP)	FS1485 (T15IP)

Indexable inserts

	Designation	Size	P				M		K		N		S	
			HC				HC		HC		HC HW		HC	
			WKP25S	WKP35S	WSP45G	WXP40	WSP45G	WXP40	WKP25S	WKP35S	WNN15	WNI15	WSP45G	
	P2840S-.N-A57	1–4	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	
	P2840S-.N-E67	1–4	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	
	P2840S-.N-E77	1–4	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	
	P2841S-.N-A57	1–4	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	
	P2841S-.N-E57	1–4	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	
	P2841S-.N-E67	1–4	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	
	P2840S-2N-A57	2	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	
	P2840S-2N-E67	2	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	
	P2840S-2N-E77	2	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	
	P2841S-2N-A57	2	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	
	P2841S-2N-E57	2	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	
	P2841S-2N-E67	2	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	
	P2840S-3N-A57	3	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	
	P2840S-3N-E67	3	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	
	P2840S-3N-E77	3	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	
	P2841S-3N-A57	3	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	
	P2841S-3N-E57	3	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	
	P2841S-3N-E67	3	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	

HC = Coated carbide
HW = Uncoated carbide

WALTER SELECT

Stability of machine, workpiece and clamping arrangement

→ Very good = ☺

→ Good = ☺

→ Moderate = ☺

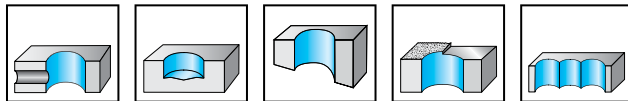
Indexable insert drills

D3120 mm

Drion-tec®



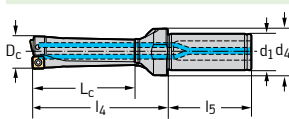
B1


3×D_C

Z = 1

	P	M	K	N	S	H	O
D3120	●	●	●	●	●		

Tool



Cylindrical shank with flat

Designation

D_C
mm

L_C
mm

l₄
mm

l₅
mm

d₁
mm

d₄
mm

kg

No. of
inserts

Type

D3120-03-37.00F40-P25	37	111	151	70	40	50	1,43	2	P284 . S-5N- ..
D3120-03-37.50F40-P25	37,5	112,5	152,5	70	40	50	1,46	2	
D3120-03-38.00F40-P25	38	114	154	70	40	50	1,49	2	
D3120-03-39.00F40-P25	39	117	157	70	40	50	1,64	2	
D3120-03-40.00F40-P25	40	120	160	70	40	50	1,6	2	
D3120-03-40.50F40-P25	40,5	121,5	161,5	70	40	50	1,64	2	
D3120-03-41.00F40-P25	41	123	163	70	40	50	1,67	2	
D3120-03-42.00F40-P25	42	126	166	70	40	50	1,83	2	
D3120-03-43.00F40-P26	43	129	169	70	40	50	1,74	2	P284 . S-6N- ..
D3120-03-44.00F40-P26	44	132	172	70	40	50	1,81	2	
D3120-03-45.00F40-P26	45	135	175	70	40	50	1,89	2	
D3120-03-46.00F40-P26	46	138	178	70	40	50	1,98	2	
D3120-03-47.00F40-P26	47	141	181	70	40	50	2,05	2	
D3120-03-48.00F40-P26	48	144	184	70	40	50	2,14	2	
D3120-03-49.00F40-P26	49	147	187	70	40	50	2,23	2	
D3120-03-50.00F40-P26	50	150	190	70	40	50	2,33	2	

Bodies and assembly parts are included in the scope of delivery

WALTER SELECT

Stability of machine, workpiece and clamping arrangement

→ Very good = ☺

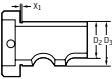
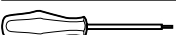
→ Good = ☹

→ Moderate = ☹

Assembly parts

	D _c [mm]	37–42	43–50
	Clamping screw for indexable insert Tightening torque	FS2139 (T20IP) 5 Nm	FS2281 (T20IP) 5 Nm

Accessories

	D _c [mm]	37–50
	Eccentric sleeve, adj. range dia. -0.2 to +0.55 mm	FS724
	Torque screwdriver, analogue	FS2003
	Torque screwdriver, digital	FS2248
	Interchangeable blade	FS2015 (T20IP)
	Screwdriver	FS1486 (T20IP)

Indexable inserts

	Designation	Size	P				M		K		N		S
			HC				HC		HC		HC HW		HC
			WKP25S	WKP35S	WSP45G	WXP40	WSP45G	WXP40	WKP25S	WKP35S	WNN15	WNI15	WSP45G
	P2840S-.N-A57	5–6	☺	☺	☺		☺		☺	☺			☺
	P2840S-.N-E67	5–6		☺	☺		☺		☺	☺			☺
	P2840S-.N-E77	5–6			☺						☺	☺	
	P2841S-.N-A57	5–6	☺	☺	☺	☺	☺		☺	☺			☺
	P2841S-.N-E57	5–6	☺	☺	☺	☺	☺		☺	☺			☺
	P2841S-.N-E67	5–6		☺	☺	☺	☺		☺	☺			☺

HC = Coated carbide
HW = Uncoated carbide

Indexable insert drills

D3120

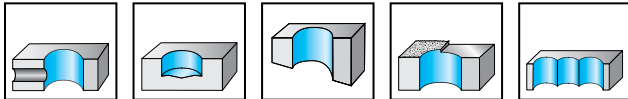
Drion-tec®



B1

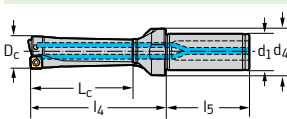
3×D_c

Z = 1



	P	M	K	N	S	H	O
D3120	●	●	●	●	●		

Tool



Cylindrical shank with flat

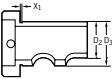
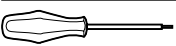
Designation	D _c mm	L _c mm	l ₄ mm	l ₅ mm	d ₁ mm	d ₄ mm	kg	No. of inserts	Type
D3120-03-50.50F40-P27	50,5	151,5	191,5	70	40	50	2,29	2	P284 . S-7N- ..
D3120-03-51.00F40-P27	51	153	193	70	40	50	2,34	2	
D3120-03-52.00F40-P27	52	156	196	70	40	50	2,44	2	
D3120-03-53.00F40-P27	53	159	199	70	40	50	2,55	2	
D3120-03-54.00F40-P27	54	162	202	70	40	50	2,67	2	
D3120-03-54.50F40-P27	54,5	163,5	203,5	70	40	50	2,73	2	
D3120-03-55.00F40-P27	55	165	205	70	40	50	2,79	2	
D3120-03-56.00F40-P27	56	168	208	70	40	50	2,91	2	
D3120-03-57.00F40-P27	57	171	211	70	40	50	3,04	2	
D3120-03-58.00F40-P27	58	174	214	70	40	50	3,17	2	

Bodies and assembly parts are included in the scope of delivery

Assembly parts

	D _c [mm]	50,5–58
	Clamping screw for indexable insert Tightening torque	FS2281 (T20IP) 5 Nm

Accessories

	D _c [mm]	50,5–58
	Eccentric sleeve, adj. range dia. -0.2 to +0.55 mm	FS724
	Torque screwdriver, analogue	FS2003
	Torque screwdriver, digital	FS2248
	Interchangeable blade	FS2015 (T20IP)
	Screwdriver	FS1486 (T20IP)

Indexable inserts

	Designation	Size	P				M		K		N		S
			HC				HC		HC		HC HW		HC
			WKP25S	WKP35S	WSP45G	WXP40	WSP45G	WXP40	WKP25S	WKP35S	WNN15	WNI15	WSP45G
	P2840S-.N-A57	7											
	P2840S-.N-E67	7											
	P2840S-.N-E77	7											
	P2841S-.N-A57	7											
	P2841S-.N-E57	7											
	P2841S-.N-E67	7											

HC = Coated carbide
HW = Uncoated carbide

Indexable insert drills

D3120 inch

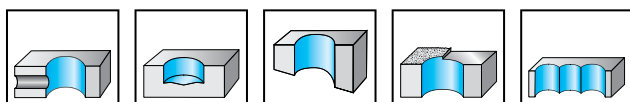
Drion-tec®



B1

3×D_C

Z = 1



	P	M	K	N	S	H	O
D3120	●	●	●	●	●	●	●

Tool

	Designation	D _C inch	L _C inch	l ₄ inch	l ₅ inch	d ₁ inch	d ₄ inch	lbs	No. of inserts	Type
 Cylindrical shank with flat	D3120.03-19.05F26-P21	0,750	2,252	3,256	2,281	1,000	1,378	0,825	2	P284 . S-1N- ..
	D3120.03-22.23F26-P22	0,875	2,626	3,630	2,281	1,000	1,378	0,902	2	P284 . S-2N- ..
	D3120.03-25.40F26-P22	1,000	3,000	4,004	2,281	1,000	1,378	1,054	2	P284 . S-3N- ..
 Cylindrical shank with flat	D3120.03-28.58F31-P23	1,125	3,378	4,634	2,281	1,250	1,622	1,618	2	P284 . S-3N- ..
	D3120.03-31.75F31-P24	1,250	3,752	5,008	2,281	1,250	1,622	1,75	2	P284 . S-4N- ..
	D3120.03-34.93F31-P24	1,375	4,126	5,382	2,281	1,250	1,622	2,055	2	P284 . S-4N- ..
 Cylindrical shank with flat	D3120.03-38.10F38-P25	1,500	4,500	6,075	2,688	1,500	1,929	3,100	2	P284 . S-5N- ..

Bodies and assembly parts are included in the scope of delivery

WALTER SELECT

Stability of machine, workpiece and clamping arrangement

→ Very good =

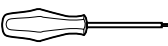
→ Good =

→ Moderate =

Assembly parts

	D _c [inch]	0,75	0,875-1	1,125	1,25-1,375	1,5
	Clamping screw for indexable insert Tightening torque	FS1454 (T8IP) 0,885 lbs	FS1456 (T9IP) 1,475 lbs	FS2181 (T15IP) 2,213 lbs	FS2119 (T15IP) 2,213 lbs	FS2139 (T20IP) 3,688 lbs

Accessories

	D _c [inch]	0,75	0,875-1	1,125-1,375	1,5
	Torque screwdriver, analogue	FS2002	FS2004	FS2004	FS2004
	Torque screwdriver, digital	FS2248	FS2248	FS2248	FS2248
	Interchangeable blade	FS2012 (T8IP)	FS2013 (T9IP)	FS2014 (T15IP)	FS2015 (T20IP)
	Screwdriver	FS1483 (T8IP)	FS1484 (T9IP)	FS1485 (T15IP)	FS1486 (T20IP)

Indexable inserts

Designation	Size	P				M		K		N		S
		HC				HC		HC		HC	HW	HC
		WKP25S	WKP35S	WSP45G	WXP40	WSP45G	WXP40	WKP25S	WKP35S	WNN15	WNI15	WSP45G
	P2840S-.N-A57	☺	☺	☺	☺	☺	☺	☺	☺			☺
	P2840S-.N-E67		☺	☺	☺	☺	☺	☺	☺			☺
	P2840S-.N-E77									☺	☺	
	P2841S-.N-A57	☺	☺	☺	☺	☺	☺	☺	☺			☺
	P2841S-.N-E57	☺	☺	☺	☺	☺	☺	☺	☺			☺
	P2841S-.N-E67		☺	☺	☺	☺	☺	☺	☺			☺
	P2840S-2N-A57	☺	☺	☺	☺	☺	☺	☺	☺			☺
	P2840S-2N-E67		☺	☺	☺	☺	☺	☺	☺			☺
	P2840S-2N-E77									☺	☺	
	P2841S-2N-A57	☺	☺	☺	☺	☺	☺	☺	☺			☺
	P2841S-2N-E57	☺	☺	☺	☺	☺	☺	☺	☺			☺
	P2841S-2N-E67		☺	☺	☺	☺	☺	☺	☺			☺
	P2840S-3N-A57	☺	☺	☺	☺	☺	☺	☺	☺			☺
	P2840S-3N-E67		☺	☺	☺	☺	☺	☺	☺			☺
	P2840S-3N-E77									☺	☺	
	P2841S-3N-A57	☺	☺	☺	☺	☺	☺	☺	☺			☺
	P2841S-3N-E57	☺	☺	☺	☺	☺	☺	☺	☺			☺
	P2841S-3N-E67		☺	☺	☺	☺	☺	☺	☺			☺

HC = Coated carbide
HW = Uncoated carbide

Indexable insert drills

D3120 mm

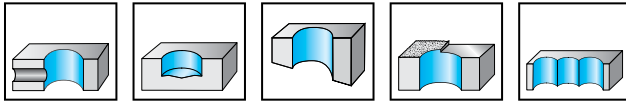
Drion-tec®



B1

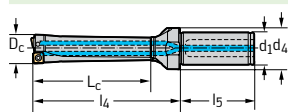
4×D_C

Z = 1



	P	M	K	N	S	H	O
D3120	●	●	●	●	●	●	●

Tool



Cylindrical shank with flat

Designation

D_C
mm

L_C
mm

l₄
mm

l₅
mm

d₁
mm

d₄
mm

kg

No. of
inserts

Type

D3120-04-16.00F25-P21

16

64

89

56

25

32

0,35

2

P284 . S-1N- ..

D3120-04-17.00F25-P21

17

68

93

56

25

32

0,33

2

D3120-04-18.00F25-P21

18

72

97

56

25

32

0,35

2

D3120-04-19.00F25-P21

19

76

101

56

25

32

0,36

2

D3120-04-20.00F25-P21

20

80

105

56

25

32

0,38

2

D3120-04-21.00F25-P22

21

84

109

56

25

32

0,38

2

P284 . S-2N- ..

D3120-04-22.00F25-P22

22

88

113

56

25

32

0,43

2

D3120-04-23.00F25-P22

23

92

117

56

25

32

0,43

2

D3120-04-24.00F25-P22

24

96

121

56

25

32

0,48

2

D3120-04-25.00F25-P22

25

100

125

56

25

32

0,51

2

D3120-04-26.00F32-P23

26

104

136

60

32

40

0,72

2

P284 . S-3N- ..

D3120-04-27.00F32-P23

27

108

140

60

32

40

0,76

2

D3120-04-28.00F32-P23

28

112

144

60

32

40

0,8

2

D3120-04-29.00F32-P23

29

116

148

60

32

40

0,84

2

D3120-04-30.00F32-P23

30

120

152

60

32

40

0,88

2

D3120-04-31.00F32-P24

31

124

156

60

32

40

0,86

2

P284 . S-4N- ..

D3120-04-32.00F32-P24

32

128

160

60

32

40

0,91

2

D3120-04-33.00F32-P24

33

132

164

60

32

40

0,96

2

D3120-04-34.00F32-P24

34

136

168

60

32

40

1,08

2

D3120-04-35.00F32-P24

35

140

172

60

32

40

1,08

2

D3120-04-36.00F32-P24

36

144

176

60

32

40

1,15

2

D3120-04-37.00F40-P25

37

148

188

70

40

50

1,59

2

P284 . S-5N- ..

D3120-04-38.00F40-P25

38

152

192

70

40

50

1,66

2

D3120-04-39.00F40-P25

39

156

196

70

40

50

1,74

2

D3120-04-40.00F40-P25

40

160

200

70

40

50

1,89

2

D3120-04-41.00F40-P25

41

164

204

70

40

50

1,9

2

D3120-04-42.00F40-P25

42

168

208

70

40

50

1,99

2

Bodies and assembly parts are included in the scope of delivery

WALTER SELECT

Stability of machine, workpiece and clamping arrangement

→ Very good =

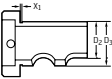
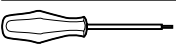
→ Good =

→ Moderate =

Assembly parts

	D _c [mm]	16–20	21–25	26–30	31–36	37–42
	Clamping screw for indexable insert Tightening torque	FS1454 (T8IP) 1,2 Nm	FS1456 (T9IP) 2 Nm	FS2181 (T15IP) 3 Nm	FS2119 (T15IP) 3 Nm	FS2139 (T20IP) 5 Nm

Accessories

	D _c [mm]	16–20	21–25	26–36	37–42
	Eccentric sleeve, adj. range dia. -0.2 to +0.55 mm	FS722	FS722	FS723	FS724
	Torque screwdriver, analogue	FS2001	FS2003	FS2003	FS2003
	Torque screwdriver, digital	FS2248	FS2248	FS2248	FS2248
	Interchangeable blade	FS2012 (T8IP)	FS2013 (T9IP)	FS2014 (T15IP)	FS2015 (T20IP)
	Screwdriver	FS1483 (T8IP)	FS1484 (T9IP)	FS1485 (T15IP)	FS1486 (T20IP)

Indexable inserts

	Designation	Size	P				M		K		N		S
			HC				HC		HC		HC HW		HC
			WKP25S	WKP35S	WSP45G	WXP40	WSP45G	WXP40	WKP25S	WKP35S	WNN15	WNI15	WSP45G
	P2840S-.N-A57	1-5	☺	☺	☺	☺	☺	☺	☺	☺			☺
	P2840S-.N-E67	1-5		☺	☺	☺	☺	☺					☺
	P2840S-.N-E77	1-5		☺	☺	☺	☺	☺			☺	☺	
	P2841S-.N-A57	1-5	☺	☺	☺	☺	☺	☺	☺	☺			☺
	P2841S-.N-E57	1-5	☺	☺	☺	☺	☺	☺	☺	☺			☺
	P2841S-.N-E67	1-5		☺	☺	☺	☺	☺					☺
	P2840S-2N-A57	2	☺	☺	☺	☺	☺	☺	☺	☺			☺
	P2840S-2N-E67	2		☺	☺	☺	☺	☺					☺
	P2840S-2N-E77	2		☺	☺	☺	☺	☺			☺	☺	
	P2841S-2N-A57	2	☺	☺	☺	☺	☺	☺	☺	☺			☺
	P2841S-2N-E57	2	☺	☺	☺	☺	☺	☺	☺	☺			☺
	P2841S-2N-E67	2		☺	☺	☺	☺	☺					☺
	P2840S-3N-A57	3	☺	☺	☺	☺	☺	☺	☺	☺			☺
	P2840S-3N-E67	3		☺	☺	☺	☺	☺					☺
	P2840S-3N-E77	3		☺	☺	☺	☺	☺			☺	☺	
	P2841S-3N-A57	3	☺	☺	☺	☺	☺	☺	☺	☺			☺
	P2841S-3N-E57	3	☺	☺	☺	☺	☺	☺	☺	☺			☺
	P2841S-3N-E67	3		☺	☺	☺	☺	☺					☺

HC = Coated carbide
HW = Uncoated carbide

Indexable insert drills

D3120 inch

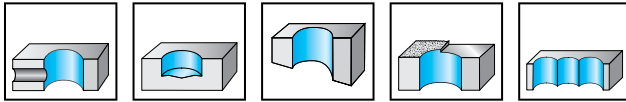
Drion-tec®



B1

4×D_C

Z = 1



	P	M	K	N	S	H	O
D3120	●	●	●	●	●	●	●

Tool

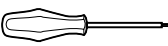
	Designation	D _C inch	L _C inch	l ₄ inch	l ₅ inch	d ₁ inch	d ₄ inch	lbs	No. of inserts	Type
	D3120.04-19.05F26-P21	0,750	3,000	4,004	2,281	1,000	1,378	0,869	2	P284 . S-1N- ..
Cylindrical shank with flat										
	D3120.04-25.40F26-P22	1,000	4,000	5,004	2,281	1,000	1,378	1,168	2	P284 . S-2N- ..
	D3120.04-31.75F31-P24	1,250	5,000	6,256	2,281	1,250	1,622	1,953	2	P284 . S-4N- ..
Cylindrical shank with flat										
	D3120.04-38.10F38-P25	1,500	6,000	7,626	2,688	1,500	1,929	3,503	2	P284 . S-5N- ..
Cylindrical shank with flat										

Bodies and assembly parts are included in the scope of delivery

Assembly parts

	D _c [inch]	0,75	1	1,25	1,5
	Clamping screw for indexable insert Tightening torque	FS1454 (T8IP) 0,885 lbs	FS1456 (T9IP) 1,475 lbs	FS2119 (T15IP) 2,213 lbs	FS2139 (T20IP) 3,688 lbs

Accessories

	D _c [inch]	0,75	1	1,25	1,5
	Torque screwdriver, analogue	FS2002	FS2004	FS2004	FS2004
	Torque screwdriver, digital	FS2248	FS2248	FS2248	FS2248
	Interchangeable blade	FS2012 (T8IP)	FS2013 (T9IP)	FS2014 (T15IP)	FS2015 (T20IP)
	Screwdriver	FS1483 (T8IP)	FS1484 (T9IP)	FS1485 (T15IP)	FS1486 (T20IP)

Indexable inserts

Designation	Size	P				M		K		N		S
		HC				HC		HC		HC	HW	HC
		WKP25S	WKP35S	WSP45G	WXP40	WSP45G	WXP40	WKP25S	WKP35S	WIN15	WIN15	WSP45G
	P2840S-.N-A57	☺	☺	☺	☺	☺	☺	☺	☺			☺
	P2840S-.N-E67		☺	☺	☺	☺		☺	☺			☺
	P2840S-.N-E77									☺	☺	
	P2841S-.N-A57	☺	☺	☺	☺	☺	☺	☺	☺			☺
	P2841S-.N-E57	☺	☺	☺	☺	☺	☺	☺	☺			☺
	P2841S-.N-E67		☺	☺	☺	☺		☺	☺			☺
	P2840S-2N-A57	☺	☺	☺	☺	☺		☺	☺			☺
	P2840S-2N-E67		☺	☺	☺	☺		☺	☺			☺
	P2840S-2N-E77									☺	☺	
	P2841S-2N-A57	☺	☺	☺	☺	☺	☺	☺	☺			☺
	P2841S-2N-E57	☺	☺	☺	☺	☺	☺	☺	☺			☺
	P2841S-2N-E67		☺	☺	☺	☺		☺	☺			☺

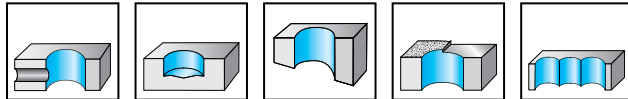
HC = Coated carbide
HW = Uncoated carbide

Insert drills

B3212 mm



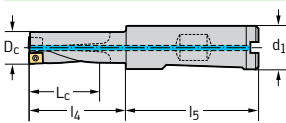
B1



D_c 10-18	$2 \times D_c$	$Z = 1$

	P	M	K	N	S	H	O
B3212	●	●	●	●	●		

Tool



DIN 6535 HE, turned 180° DIN 6535 HB

Designation	D_c mm	L_c mm	l_4 mm	l_5 mm	d_1 mm	kg	No. of inserts	Type
B3212.DF.10.0.Z01.20R	10	20	31	48	16	0,09	1 / 1	LCMX050203- ..
B3212.DF.10.2.Z01.20R	10,2	20,4	31	48	16	0,09	1 / 1	LCMX050203- ..
B3212.DF.10.5.Z01.21R	10,5	21	32	48	16	0,09	1 / 1	..
B3212.DF.11.0.Z01.22R	11	22	34	48	16	0,09	1 / 1	..
B3212.DF.11.5.Z01.23R	11,5	23	35	48	16	0,09	1 / 1	..
B3212.DF.11,7.Z01.23R	11,7	23,4	35	48	16	0,09	1 / 1	..
B3212.DF.12.0.Z01.24R	12	24	36	48	16	0,1	1 / 1	..
B3212.DF.12.5.Z01.25R	12,5	25	38	48	16	0,1	1 / 1	..
B3212.DF.13.0.Z01.26R	13	26	39	48	16	0,1	1 / 1	..
B3212.DF.13.5.Z01.27R	13,5	27	40	48	16	0,1	1 / 1	..
B3212.DF.13,7.Z01.27R	13,7	27,4	41	48	16	0,1	1 / 1	..
B3212.DF.14.0.Z01.28R	14	28	42	48	16	0,1	1 / 1	LCMX06T204- ..
B3212.DF.14.5.Z01.29R	14,5	29	43	48	16	0,11	1 / 1	LCMX06T204- ..
B3212.DF.15.0.Z01.30R	15	30	44	48	16	0,11	1 / 1	..
B3212.DF.15.5.Z01.31R	15,5	31	45	48	16	0,11	1 / 1	..
B3212.DF.15,7.Z01.31R	15,7	31,4	46	48	16	0,11	1 / 1	..
B3212.DF.16.0.Z01.32R	16	32	47	48	16	0,11	1 / 1	..
B3212.DF.16.5.Z01.33R	16,5	33	48	48	16	0,12	1 / 1	..
B3212.DF.17.0.Z01.34R	17	34	49	48	16	0,12	1 / 1	..
B3212.DF.17.5.Z01.35R	17,5	35	51	48	16	0,13	1 / 1	..
B3212.DF.18.0.Z01.36R	18	36	52	48	16	0,13	1 / 1	..

Possible X adjustment for drilling into solid material greater than the nominal diameter | $X = +0.2 \text{ mm} / -0.1 \text{ mm} \rightarrow \Delta D = +0.4 \text{ mm} / -0.2 \text{ mm}$ | Important: A disc forms where through-holes are created by a rotating tool. This disc might then be ejected. Please take precautionary measures. | Bodies and assembly parts are included in the scope of delivery

WALTER SELECT

Stability of machine, workpiece and clamping arrangement

→ Very good = ☺

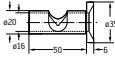
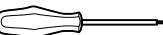
→ Good = ☹

→ Moderate = ☹

Assembly parts

	D _c [mm]	10–13,7	14–15,7	16–18
	Clamping screw for indexable insert Tightening torque	FS1012 (T6) 0,4 Nm	FS1004 (T7) 0,6 Nm	FS1020 (T7) 0,6 Nm

Accessories

	D _c [mm]	10–13,7	14–18
	Eccentric sleeve	FS1207	FS1207
	Screwdriver	FS1063 (T6)	FS309 (T7)
	Clamping screw for collet chuck	FS1209 (SW 8)	FS1209 (SW 8)
	Torque screwdriver, analogue	FS2001	FS2001
	Interchangeable blade	FS2005 (T6)	FS2006 (T7)

Indexable inserts

Designation	l mm	l ₂ mm	P				M		K		N		S
			HC				HC		HC		HC HW		HC
			WKP25S	WKP35S	WSP45G	WXP40	WSP45G	WXP40	WKP25S	WKP35S	WNN15	WNI15	WSP45G
	LCGX050203-E77	4	5,2										
	LCMX050203-B57	4	5,2										
	LCMX050203-D57	4	5,2										
	LCMX050203-E57	4	5,2										
	LCGX06T204-E77	5,2	6,6										
	LCMX06T204-B57	5,2	6,6										
	LCMX06T204-D57	5,2	6,6										
	LCMX06T204-E57	5,2	6,6										

HC = Coated carbide
HW = Uncoated carbide

Insert drills

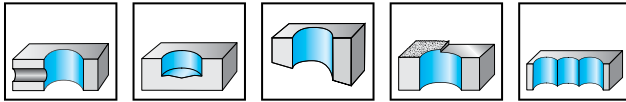
B3212 inch



B1

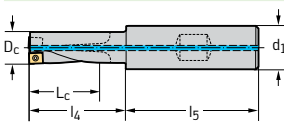
2×D_C

Z = 1



	P	M	K	N	S	H	O
B3212	●	●	●	●	●		

Tool



Cylindrical shank with flat

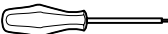
Designation	D _C inch	L _C inch	l ₄ inch	l ₅ inch	d ₁ inch	lbs	No. of inserts	Type
B3212.U3F.0099.Z01.20R	0,391	0,782	1,229	1,969	0,750	0,284	1 / 1	LCMX050203- ..
B3212.U3F.0103.Z01.21R	0,406	0,812	1,275	1,969	0,750	0,287	1 / 1	LCMX050203- ..
B3212.U3F.0107.Z01.21R	0,421	0,842	1,321	1,969	0,750	0,326	1 / 1	..
B3212.U3F.0111.Z01.22R	0,437	0,874	1,370	1,969	0,750	0,295	1 / 1	..
B3212.U3F.0115.Z01.23R	0,453	0,906	1,420	1,969	0,750	0,293	1 / 1	
B3212.U3F.0119.Z01.24R	0,469	0,938	1,469	1,969	0,750	0,304	1 / 1	
B3212.U3F.0123.Z01.25R	0,484	0,968	1,516	1,969	0,750	0,306	1 / 1	
B3212.U3F.0127.Z01.25R	0,500	1,000	1,565	1,969	0,750	0,452	1 / 1	
B3212.U3F.0131.Z01.26R	0,515	1,030	1,612	1,969	0,750	0,333	1 / 1	
B3212.U3F.0135.Z01.27R	0,531	1,062	1,661	1,969	0,750	0,439	1 / 1	
B3212.U3F.0139.Z01.28R	0,547	1,094	1,722	1,969	0,750	0,320	1 / 1	LCMX06T204- ..
B3212.U3F.0143.Z01.29R	0,562	1,124	1,768	1,969	0,750	0,324	1 / 1	LCMX06T204- ..
B3212.U3F.0155.Z01.31R	0,609	1,218	1,914	1,969	0,750	0,337	1 / 1	
B3212.U3F.0159.Z01.32R	0,625	1,250	1,963	1,969	0,750	0,448	1 / 1	

Bodies and assembly parts are included in the scope of delivery

Assembly parts

	D _c [inch]	0,391–0,531	0,547–0,625
	Clamping screw for indexable insert Tightening torque	FS1012 (T6) 0,295 lbs	FS1004 (T7) 0,443 lbs

Accessories

	D _c [inch]	0,391–0,531	0,547–0,625
	Screwdriver	FS1063 (T6)	FS309 (T7)
	Torque screwdriver, analogue	FS2002	FS2002
	Interchangeable blade	FS2005 (T6)	FS2006 (T7)

Indexable inserts

	Designation	l inch	l ₂ inch	P				M		K		N		S
				HC				HC		HC		HC HW		HC
				WKP25S	WKP35S	WSP45G	WXP40	WSP45G	WXP40	WKP25S	WKP35S	WNN15	WN15	WSP45G
	LCGX050203-E77	0,157	0,205									☺	☺	
	LCMX050203-B57	0,157	0,205	☺	☺	☺	☺	☺	☺	☺	☺			☺
	LCMX050203-D57	0,157	0,205	☺	☺	☺	☺	☺	☺	☺	☺			☺
	LCMX050203-E57	0,157	0,205	☺	☺	☺	☺	☺	☺	☺	☺			☺
	LCGX06T204-E77	0,205	0,260									☺	☺	
	LCMX06T204-B57	0,205	0,260	☺	☺	☺	☺	☺	☺	☺	☺			☺
	LCMX06T204-D57	0,205	0,260	☺	☺	☺	☺	☺	☺	☺	☺			☺
	LCMX06T204-E57	0,205	0,260	☺	☺	☺	☺	☺	☺	☺	☺			☺

HC = Coated carbide
HW = Uncoated carbide

Insert drills

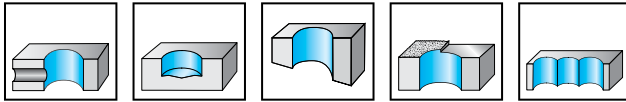
B3213 inch



B1

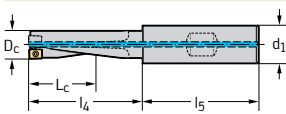
3×D_C

Z = 1



	P	M	K	N	S	H	O
B3213	●	●	●	●	●		

Tool



Cylindrical shank with flat

Designation

D_C
inch

L_C
inch

l₄
inch

l₅
inch

d₁
inch



No. of
inserts

Type

B3213.U3F.0099.Z01.30R	0,391	1,173	1,585	1,969	0,750	0,291	1 / 1	LCMX050203- ..
B3213.U3F.0103.Z01.31R	0,406	1,218	1,644	1,969	0,750	0,293	1 / 1	LCMX050203- ..
B3213.U3F.0107.Z01.32R	0,421	1,263	1,704	1,969	0,750	0,397	1 / 1	..
B3213.U3F.0111.Z01.33R	0,437	1,311	1,768	1,969	0,750	0,306	1 / 1	..
B3213.U3F.0115.Z01.35R	0,453	1,359	1,832	1,969	0,750	0,306	1 / 1	..
B3213.U3F.0119.Z01.36R	0,469	1,407	1,896	1,969	0,750	0,315	1 / 1	..
B3213.U3F.0123.Z01.37R	0,484	1,452	1,956	1,969	0,750	0,320	1 / 1	..
B3213.U3F.0127.Z01.38R	0,500	1,500	2,020	1,969	0,750	0,434	1 / 1	..
B3213.U3F.0131.Z01.39R	0,515	1,545	2,081	1,969	0,750	0,324	1 / 1	..
B3213.U3F.0135.Z01.40R	0,531	1,593	2,144	1,969	0,750	0,419	1 / 1	..
B3213.U3F.0139.Z01.42R	0,547	1,641	2,220	1,969	0,750	0,454	1 / 1	LCMX06T204- ..
B3213.U3F.0143.Z01.43R	0,562	1,686	2,279	1,969	0,750	0,487	1 / 1	LCMX06T204- ..
B3213.U3F.0147.Z01.44R	0,578	1,734	2,344	1,969	0,750	0,355	1 / 1	..
B3213.U3F.0155.Z01.46R	0,609	1,827	2,468	1,969	0,750	0,406	1 / 1	..
B3213.U3F.0159.Z01.48R	0,625	1,875	2,532	1,969	0,750	0,37	1 / 1	..
B3213.U3F.0163.Z01.49R	0,64	1,92	2,592	1,969	0,750	0,384	1 / 1	..

Bodies and assembly parts are included in the scope of delivery

WALTER SELECT

Stability of machine, workpiece and clamping arrangement

→ Very good = ☺

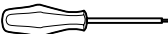
→ Good = ☺

→ Moderate = ☹

Assembly parts

	D _c [inch]	0,391–0,531	0,547–0,64
	Clamping screw for indexable insert Tightening torque	FS1012 (T6) 0,295 lbs	FS1004 (T7) 0,443 lbs

Accessories

	D _c [inch]	0,391–0,531	0,547–0,64
	Screwdriver	FS1063 (T6)	FS309 (T7)
	Torque screwdriver, analogue	FS2002	FS2002
	Interchangeable blade	FS2005 (T6)	FS2006 (T7)

Indexable inserts

	Designation	l inch	l ₂ inch	P				M		K		N		S
				HC				HC		HC		HC HW		HC
				WKP25S	WKP35S	WSP45G	WXP40	WSP45G	WXP40	WKP25S	WKP35S	WNN15	WN15	WSP45G
	LCGX050203-E77	0,157	0,205									☺	☺	
	LCMX050203-B57	0,157	0,205	☺	☺	☺	☺	☺	☺	☺	☺			☺
	LCMX050203-D57	0,157	0,205	☺	☺	☺	☺	☺	☺	☺	☺			☺
	LCMX050203-E57	0,157	0,205	☺	☺	☺	☺	☺	☺	☺	☺			☺
	LCGX06T204-E77	0,205	0,260									☺	☺	
	LCMX06T204-B57	0,205	0,260	☺	☺	☺	☺	☺	☺	☺	☺			☺
	LCMX06T204-D57	0,205	0,260	☺	☺	☺	☺	☺	☺	☺	☺			☺
	LCMX06T204-E57	0,205	0,260	☺	☺	☺	☺	☺	☺	☺	☺			☺

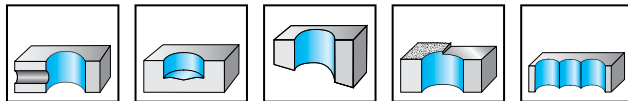
HC = Coated carbide
HW = Uncoated carbide

Insert drills

B3213 mm



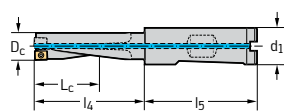
B1



D_c 10-18	$3 \times D_c$	$Z = 1$

	P	M	K	N	S	H	O
B3213	●	●	●	●	●		

Tool



DIN 6535 HE, turned 180° DIN 6535 HB

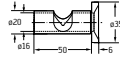
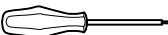
Designation	D_c mm	L_c mm	l_4 mm	l_5 mm	d_1 mm	kg	No. of inserts	Type
B3213.DF.10.0.Z01.30R	10	30	41	48	16	0,09	1 / 1	LCMX050203-
B3213.DF.10.2.Z01.30R	10,2	30,6	41	48	16	0,09	1 / 1	..
B3213.DF.10.5.Z01.31R	10,5	31,5	43	48	16	0,09	1 / 1	LCMX050203-
B3213.DF.11.0.Z01.33R	11	33	45	48	16	0,1	1 / 1	..
B3213.DF.11.5.Z01.34R	11,5	34,5	47	48	16	0,1	1 / 1	
B3213.DF.11,7.Z01.35R	11,7	35,1	48	48	16	0,1	1 / 1	
B3213.DF.12.0.Z01.36R	12	36	48	48	16	0,1	1 / 1	
B3213.DF.12.5.Z01.37R	12,5	37,5	50	48	16	0,1	1 / 1	
B3213.DF.13.0.Z01.39R	13	39	52	48	16	0,11	1 / 1	
B3213.DF.13.5.Z01.40R	13,5	40,5	54	48	16	0,11	1 / 1	
B3213.DF.13,7.Z01.41R	13,7	41,1	55	48	16	0,11	1 / 1	
B3213.DF.14.0.Z01.42R	14	42	56	48	16	0,11	1 / 1	LCMX06T204- ..
B3213.DF.14.5.Z01.43R	14,5	43,5	57	48	16	0,11	1 / 1	LCMX06T204- ..
B3213.DF.15.0.Z01.45R	15	45	59	48	16	0,12	1 / 1	
B3213.DF.15.5.Z01.46R	15,5	46,5	61	48	16	0,12	1 / 1	
B3213.DF.15,7.Z01.47R	15,7	47	62	48	16	0,13	1 / 1	
B3213.DF.16.0.Z01.48R	16	48	63	48	16	0,12	1 / 1	
B3213.DF.16.5.Z01.49R	16,5	49,5	65	48	16	0,14	1 / 1	
B3213.DF.17.0.Z01.51R	17	51	66	48	16	0,14	1 / 1	
B3213.DF.17.5.Z01.52R	17,5	52,5	68	48	16	0,14	1 / 1	
B3213.DF.18.0.Z01.54R	18	54	70	48	16	0,15	1 / 1	

Possible X adjustment for drilling into solid material greater than the nominal diameter | $X = +0.2 \text{ mm} / -0.1 \text{ mm} \rightarrow \Delta D = +0.4 \text{ mm} / -0.2 \text{ mm}$ | Important: A disc forms where through-holes are created by a rotating tool. This disc might then be ejected. Please take precautionary measures. | Bodies and assembly parts are included in the scope of delivery

Assembly parts

	D _c [mm]	10–13,7	14–15,7	16–18
	Clamping screw for indexable insert Tightening torque	FS1012 (T6) 0,4 Nm	FS1004 (T7) 0,6 Nm	FS1020 (T7) 0,6 Nm

Accessories

	D _c [mm]	10–13,5	13,7	14–18
	Eccentric sleeve	FS1207	FS1207	FS1207
	Screwdriver	FS1063 (T6)	FS1063 (T6)	FS309 (T7)
	Clamping screw for collet chuck	FS1209 (SW 8)	FS1209 (SW 8)	FS1209 (SW 8)
	Torque screwdriver, analogue	FS2001	FS2001	FS2001
	Interchangeable blade	FS2005 (T6)	FS2006 (T7)	FS2006 (T7)

Indexable inserts

Designation	l mm	l ₂ mm	P				M		K		N		S
			HC				HC		HC		HC HW		HC
			WKP25S	WKP35S	WSP45G	WXP40	WSP45G	WXP40	WKP25S	WKP35S	WNN15	WNI15	WSP45G
	LCGX050203-E77	4	5,2										
	LCMX050203-B57	4	5,2										
	LCMX050203-D57	4	5,2										
	LCMX050203-E57	4	5,2										
	LCGX06T204-E77	5,2	6,6										
	LCMX06T204-B57	5,2	6,6										
	LCMX06T204-D57	5,2	6,6										
	LCMX06T204-E57	5,2	6,6										

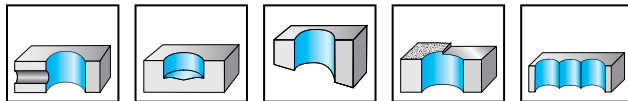
HC = Coated carbide
HW = Uncoated carbide

Insert drills

B3214 mm



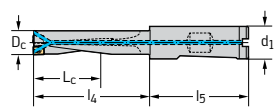
B1



D_c 10-18	$4 \times D_c$	$Z = 1$

	P	M	K	N	S	H	O
B3214			●●	●●			

Tool



DIN 6535 HE, turned 180° DIN 6535 HB

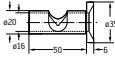
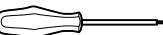
Designation	D_c mm	L_c mm	l_4 mm	l_5 mm	d_1 mm	kg	No. of inserts	Type
B3214.DF.10.0.Z01.40R	10	40	51	48	16	0,09	1 / 1	LCMX050203- ..
B3214.DF.10.5.Z01.42R	10,5	42	53	48	16	0,1	1 / 1	LCMX050203- ..
B3214.DF.11.0.Z01.44R	11	44	56	48	16	0,1	1 / 1	..
B3214.DF.11.5.Z01.46R	11,5	46	58	48	16	0,1	1 / 1	..
B3214.DF.12.0.Z01.48R	12	48	60	48	16	0,11	1 / 1	LCMX06T204- .. LCMX06T204- ..
B3214.DF.12.5.Z01.50R	12,5	50	62	48	16	0,11	1 / 1	
B3214.DF.13.0.Z01.52R	13	52	65	48	16	0,11	1 / 1	
B3214.DF.13.5.Z01.54R	13,5	54	67	48	16	0,12	1 / 1	
B3214.DF.14.0.Z01.56R	14	56	70	48	16	0,12	1 / 1	
B3214.DF.14.5.Z01.58R	14,5	58	72	48	16	0,13	1 / 1	
B3214.DF.15.0.Z01.60R	15	60	74	48	16	0,13	1 / 1	
B3214.DF.15.5.Z01.62R	15,5	62	77	48	16	0,12	1 / 1	
B3214.DF.16.0.Z01.64R	16	64	78	48	16	0,14	1 / 1	
B3214.DF.16.5.Z01.66R	16,5	66	82	48	16	0,15	1 / 1	
B3214.DF.17.5.Z01.70R	17,5	70	85	48	16	0,17	1 / 1	
B3214.DF.18.0.Z01.72R	18	72	88	48	16	0,17	1 / 1	

Possible X adjustment for drilling into solid material greater than the nominal diameter | $X = +0.2 \text{ mm} / -0.1 \text{ mm} \rightarrow \Delta D = +0.4 \text{ mm} / -0.2 \text{ mm}$ | Important: A disc forms where through-holes are created by a rotating tool. This disc might then be ejected. Please take precautionary measures. | Bodies and assembly parts are included in the scope of delivery

Assembly parts

	D _c [mm]	10–13,5	14–15,5	16–18
	Clamping screw for indexable insert Tightening torque	FS1012 (T6) 0,4 Nm	FS1004 (T7) 0,6 Nm	FS1020 (T7) 0,6 Nm

Accessories

	D _c [mm]	10–13,5	14–18
	Eccentric sleeve	FS1207	FS1207
	Screwdriver	FS1063 (T6)	FS309 (T7)
	Clamping screw for collet chuck	FS1209 (SW 8)	FS1209 (SW 8)
	Torque screwdriver, analogue	FS2001	FS2001
	Interchangeable blade	FS2005 (T6)	FS2006 (T7)

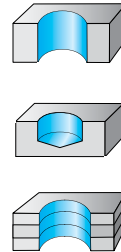
Indexable inserts

	Designation	l mm	l ₂ mm	P				M		K		N		S	
				HC				HC		HC		HC		HC	
				WKP25S	WKP35S	WSP45G	WXP40	WSP45G	WXP40	WKP25S	WKP35S	WNN15	WNI15	WSP45G	
	LCGX050203-E77	4	5,2	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
	LCMX050203-B57	4	5,2	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
	LCMX050203-D57	4	5,2	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
	LCMX050203-E57	4	5,2	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
	LCGX06T204-E77	5,2	6,6	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
	LCMX06T204-B57	5,2	6,6	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
	LCMX06T204-D57	5,2	6,6	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
	LCMX06T204-E57	5,2	6,6	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺

HC = Coated carbide
HW = Uncoated carbide

HSS drilling tools

B1



Drilling depth

 $3 \times D_C$
 $5 \times D_C$


Designation

A1154TFT
VA Inox

A1149XPL
UFL®

A1148
UFL®

A3153

A3143

Additional services



Standard

DIN 1897

DIN 1897

DIN 1897

DIN 1899

DIN 1899

Coating / grade

TFT

XPL

uncoated

uncoated

uncoated

Shank

Cylindrical shank

Cylindrical shank

Cylindrical shank

Cylindrical shank

Cylindrical shank

Diameter range [mm]

2–16

1–20

1–20

0,15–1,4

0,05–1,45

P Steel

●

●●

●●

●●

●●

M Stainless steel

●●

●●

●●

●

●

K Cast iron

●●

●●

●●

●●

●●

N NF metals

●●

●●

●●

●●

●●

S Materials with difficult cutting properties

●

●

●●

●●

●●

H Hard materials

●

●

●

●

●

O Other

●

●

●

●

●

Page in catalogue

B 336

B 330

B 339

B 348

B 345

QR code


www.walter-tools.com/woc/

A1154TFT

A1149XPL

A1148

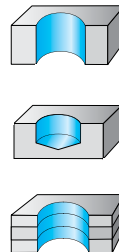
A3153

A3143

WALTER SELECT

●● Primary application ● Other application

HSS drilling tools



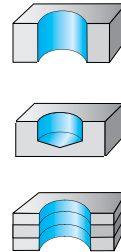
Drilling depth	8 x D _C			



Designation	A1254TFT VA Inox	A1249XPL UFL®	A1222 UFL®	A1244 VA	Z3515
Additional services					
Standard	DIN 338	DIN 338	DIN 338	DIN 338	DIN 338
Coating / grade	TFT	XPL	uncoated	uncoated	
Shank	Cylindrical shank	Cylindrical shank	Cylindrical shank	Cylindrical shank	
Diameter range [mm]	3–16	1–20	1–16	0,3–15	–
P Steel	●	●●	●●	●	●
M Stainless steel	●●	●●	●	●●	●●
K Cast iron		●●	●●		
N NF metals	●●	●●	●●	●	●
S Materials with difficult cutting properties	●	●	●	●●	●●
H Hard materials					
O Other	●	●	●		
Page in catalogue	B 355	B 350	B 370	B 362	B 368
QR code					
www.walter-tools.com/woc/	A1254TFT	A1249XPL	A1222	A1244	Z3515

HSS drilling tools

B1



Drilling depth

 $8 \times D_C$


Designation

Z3516

A4244
VA

A1247
Alpha® XE

A4247
Alpha® XE

DA110
Perform

Additional services

Standard

DIN 345

DIN 338

DIN 345

DIN 338

Coating / grade

uncoated

uncoated

uncoated

WZ90AJ

Shank

Morse taper

Cylindrical shank

Morse taper

Cylindrical shank

Diameter range [mm]

–

10–32

1–16

10–40

1–16

P Steel

●

●

●●

●●

●●

M Stainless steel

●●

●●

●●

●●

●

K Cast iron

●●

●●

●●

●●

●●

N NF metals

●

●

●●

●●

●

S Materials with difficult cutting properties

●●

●●

●●

●●

●●

H Hard materials

●●

●●

●●

●●

●●

O Other

●●

●●

●

●

●

Page in catalogue

B 369

B 424

B 357

B 426

B 394

QR code


www.walter-tools.com/woc/

Z3516

A4244

A1247

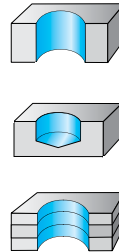
A4247

DA110

WALTER SELECT

●● Primary application ● Other application

HSS drilling tools



Drilling depth		8 x D _C	



Designation	DA110 Perform	A1211TIN	A1211	Z3213	Z3218

Additional services

Standard	DIN 338	DIN 338	DIN 338	DIN 338	DIN 338

Coating / grade		TIN	uncoated		

Shank		Cylindrical shank	Cylindrical shank		

Diameter range [mm]	–	0,5–16	0,2–22	–	–

P Steel	●●	●●	●●	●●	●●
M Stainless steel	●	●	●	●	●
K Cast iron	●●	●●	●●	●●	●●
N NF metals	●	●	●	●	●
S Materials with difficult cutting properties	●	●	●	●	●
H Hard materials					
O Other	●	●	●	●	●

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QR code


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DA110

A1211TIN

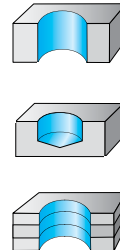
A1211

Z3213

Z3218

HSS drilling tools

B1



Drilling depth

 $12 \times D_C$


Designation

A1549TFP
UFL®

A1522
UFL®

A4422
UFL®

A1544
VA

A1547
Alpha® XE

Additional services



Standard

DIN 340

DIN 340

DIN 341

DIN 340

DIN 340

Coating / grade

TFP

uncoated

uncoated

uncoated

uncoated

Shank

Cylindrical shank

Cylindrical shank

Morse taper

Cylindrical shank

Cylindrical shank

Diameter range [mm]

1–12

1–22,225

10–31

1–12

1–12,7

P Steel

●●

●●

●●

●

●

M Stainless steel

●●

●

●

●●

●●

K Cast iron

●●

●●

●●

●●

●●

N NF metals

●●

●●

●●

●

●

S Materials with difficult cutting properties

●

●

●

●●

●●

H Hard materials

●

●

●

●

●

O Other

●

●

●

●

●

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B 408

B 428

B 405

B 402

QR code



www.walter-tools.com/woc/

A1549TFP

A1522

A4422

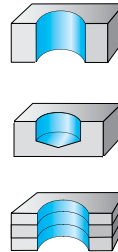
A1544

A1547

WALTER SELECT

●● Primary application ● Other application

HSS drilling tools

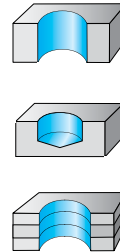


	12 x D _C	16 x D _C		22 x D _C	
Drilling depth					
					
Designation	A1511	A1622 UFL®	A4622 UFL®	A4611	A1722 UFL®
Additional services					
Standard	DIN 340	DIN 1869 I	DIN 1870 I	DIN 1870 I	DIN 1869 II
Coating / grade	uncoated	uncoated	uncoated	uncoated	uncoated
Shank	Cylindrical shank	Cylindrical shank	Morse taper	Morse taper	Cylindrical shank
Diameter range [mm]	0,5–22	2–12,7	12–30	8–40	3–12
P Steel	●	●●	●●	●	●●
M Stainless steel	●	●	●	●	●
K Cast iron	●	●●	●●	●	●●
N NF metals	●	●●	●●	●	●●
S Materials with difficult cutting properties	●	●	●	●	●
H Hard materials					
O Other	●	●	●	●	●
Page in catalogue	B 413	B 416	B 430	B 431	B 420
QR code					
	A1511	A1622	A4622	A4611	A1722

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HSS drilling tools

B1



Drilling depth	22 x D _C	30 x D _C	60 x D _C	85 x D _C	



Designation	A4722 UFL®	A1822 UFL®	A1922S UFL®	A1922L UFL®	Z3219TIN

Additional services					

Standard	DIN 1870 II	DIN 1869 III	Walter	Walter	DIN 338

Coating / grade	uncoated	uncoated	uncoated	uncoated	

Shank	Morse taper	Cylindrical shank	Cylindrical shank	Cylindrical shank	

Diameter range [mm]	8–40	3,5–12	6–14	8–12	–

P Steel	●●	●●	●●	●●	●●
M Stainless steel	●	●	●	●	●
K Cast iron	●●	●●	●●	●●	●●
N NF metals	●●	●●	●●	●●	●
S Materials with difficult cutting properties	●	●	●	●	●
H Hard materials					
O Other	●	●	●	●	●

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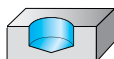
QR code					

www.walter-tools.com/woc/	A4722	A1822	A1922S	A1922L	Z3219TIN

WALTER SELECT

●● Primary application ● Other application

HSS drilling tools



Drilling depth



Designation	Z3219	Z3216

Additional services

Standard	DIN 338	DIN 338

Coating / grade

Shank		

Diameter range [mm]

P Steel	●●	●●
M Stainless steel	●	●
K Cast iron	●●	●●
N NF metals	●	●
S Materials with difficult cutting properties	●	●
H Hard materials		
O Other	●	●

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QR code



www.walter-tools.com/woc/

Z3219

Z3216

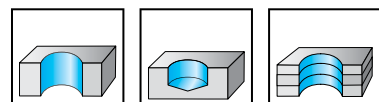
WALTER SELECT

●● Primary application ● Other application

HSS-E twist drills, extra short

A1149XPL

UFL®

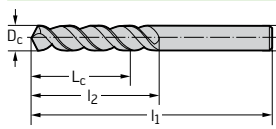


	P	M	K	N	S	H	O
XPL	●●	●●	●●	●●	●		●

Tool	Designation	D _c h8 mm	D _c Inch/Nr	L _c mm	l ₁ mm	l ₂ mm	d ₁ f11 mm
 Cylindrical shank	A1149XPL-1	1		4	26	6	1
	A1149XPL-NO60	1,016	No. 60	4	26	6	1,016
	A1149XPL-NO59	1,041	No. 59	4	26	6	1,041
	A1149XPL-NO58	1,067	No. 58	5	28	7	1,067
	A1149XPL-NO57	1,092	No. 57	5	28	7	1,092
	A1149XPL-1.1	1,1		5	28	7	1,1
	A1149XPL-NO56	1,181	No. 56	6	30	8	1,181
	A1149XPL-3/64IN	1,191	3/64"	6	30	8	1,191
	A1149XPL-1.2	1,2		6	30	8	1,2
	A1149XPL-1.3	1,3		6	30	8	1,3
	A1149XPL-NO55	1,321	No. 55	6	32	9	1,321
	A1149XPL-NO54	1,397	No. 54	6	32	9	1,397
	A1149XPL-1.4	1,4		6	32	9	1,4
	A1149XPL-1.5	1,5		6	32	9	1,5
	A1149XPL-NO53	1,511	No. 53	7	34	10	1,511
	A1149XPL-1/16IN	1,588	1/16"	7	34	10	1,588
	A1149XPL-1.6	1,6		7	34	10	1,6
	A1149XPL-NO52	1,613	No. 52	7	34	10	1,613
	A1149XPL-1.7	1,7		7	34	10	1,7
	A1149XPL-NO51	1,702	No. 51	8	36	11	1,702
	A1149XPL-NO50	1,778	No. 50	8	36	11	1,778
	A1149XPL-1.8	1,8		8	36	11	1,8
	A1149XPL-NO49	1,854	No. 49	8	36	11	1,854
	A1149XPL-1.9	1,9		8	36	11	1,9
	A1149XPL-NO48	1,930	No. 48	8	38	12	1,93
	A1149XPL-5/64IN	1,984	5/64"	8	38	12	1,984
	A1149XPL-NO47	1,994	No. 47	8	38	12	1,994
	A1149XPL-2	2		8	38	12	2
	A1149XPL-NO46	2,057	No. 46	8	38	12	2,057
	A1149XPL-NO45	2,083	No. 45	8	38	12	2,083
	A1149XPL-2.1	2,1		8	38	12	2,1
	A1149XPL-NO44	2,184	No. 44	9	40	13	2,184
	A1149XPL-2.2	2,2		9	40	13	2,2
	A1149XPL-NO43	2,261	No. 43	9	40	13	2,261
	A1149XPL-2.3	2,3		9	40	13	2,3
	A1149XPL-NO42	2,375	No. 42	10	43	14	2,375

WALTER
SELECT

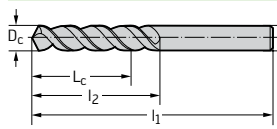
●● Primary application ● Other application
Best tool for → Good = 😊 → Average = 😐 → Poor = 😞 machining conditions

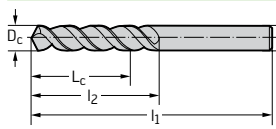
Tool	Designation	D _c h8 mm	D _c Inch/Nr	L _c mm	l ₁ mm	l ₂ mm	d ₁ f11 mm
	A1149XPL-3/32IN	2,381	3/32"	10	43	14	2,381
	A1149XPL-2.4	2,4		10	43	14	2,4
Cylindrical shank	A1149XPL-NO41	2,438	No. 41	10	43	14	2,438
	A1149XPL-NO40	2,489	No. 40	10	43	14	2,489
	A1149XPL-2.5	2,5		10	43	14	2,5
	A1149XPL-NO39	2,527	No. 39	10	43	14	2,527
	A1149XPL-NO38	2,578	No. 38	10	43	14	2,578
	A1149XPL-2.6	2,6		10	43	14	2,6
	A1149XPL-NO37	2,642	No. 37	10	43	14	2,642
	A1149XPL-2.7	2,7		11	46	16	2,7
	A1149XPL-NO36	2,705	No. 36	11	46	16	2,705
	A1149XPL-7/64IN	2,778	7/64"	11	46	16	2,778
	A1149XPL-NO35	2,794	No. 35	11	46	16	2,794
	A1149XPL-2.8	2,8		11	46	16	2,8
	A1149XPL-NO34	2,819	No. 34	11	46	16	2,819
	A1149XPL-NO33	2,870	No. 33	11	46	16	2,87
	A1149XPL-2.9	2,9		11	46	16	2,9
	A1149XPL-NO32	2,946	No. 32	11	46	16	2,946
	A1149XPL-3	3		11	46	16	3
	A1149XPL-NO31	3,048	No. 31	12	49	18	3,048
	A1149XPL-3.1	3,1		12	49	18	3,1
	A1149XPL-1/8IN	3,175	1/8"	12	49	18	3,175
	A1149XPL-3.2	3,2		12	49	18	3,2
	A1149XPL-NO30	3,264	No. 30	12	49	18	3,264
	A1149XPL-3.3	3,3		12	49	18	3,3
	A1149XPL-3.4	3,4		14	52	20	3,4
	A1149XPL-NO29	3,454	No. 29	14	52	20	3,454
	A1149XPL-3.5	3,5		14	52	20	3,5
	A1149XPL-NO28	3,569	No. 28	14	52	20	3,569
	A1149XPL-9/64IN	3,572	9/64"	14	52	20	3,572
	A1149XPL-3.6	3,6		14	52	20	3,6
	A1149XPL-NO27	3,658	No. 27	14	52	20	3,658
	A1149XPL-3.7	3,7		14	52	20	3,7
	A1149XPL-NO26	3,734	No. 26	14	52	20	3,734
	A1149XPL-NO25	3,797	No. 25	15	55	22	3,797
	A1149XPL-3.8	3,8		15	55	22	3,8
	A1149XPL-NO24	3,861	No. 24	15	55	22	3,861
	A1149XPL-3.9	3,9		15	55	22	3,9
	A1149XPL-NO23	3,912	No. 23	15	55	22	3,912
	A1149XPL-5/32IN	3,969	5/32"	15	55	22	3,969
	A1149XPL-NO22	3,988	No. 22	15	55	22	3,988
	A1149XPL-4	4		15	55	22	4
	A1149XPL-NO21	4,039	No. 21	15	55	22	4,039
	A1149XPL-NO20	4,089	No. 20	15	55	22	4,089
	A1149XPL-4.1	4,1		15	55	22	4,1
	A1149XPL-4.2	4,2		15	55	22	4,2

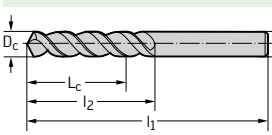
B1

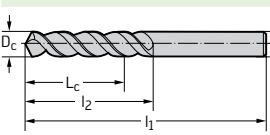
WALTER
SELECT

●● Primary application ● Other application
 Best tool for → Good = 😊 → Average = 😐 → Poor = ☹️ machining conditions

Tool	Designation	D _c h8 mm	D _c Inch/Nr	L _c mm	l ₁ mm	l ₂ mm	d ₁ f11 mm
	A1149XPL-NO19	4,216	No. 19	15	55	22	4,216
	A1149XPL-4.3	4,3		16	58	24	4,3
Cylindrical shank	A1149XPL-NO18	4,305	No. 18	16	58	24	4,305
	A1149XPL-11/64IN	4,366	11/64"	16	58	24	4,366
	A1149XPL-NO17	4,394	No. 17	16	58	24	4,394
	A1149XPL-4.4	4,4		16	58	24	4,4
	A1149XPL-NO16	4,496	No. 16	16	58	24	4,496
	A1149XPL-4.5	4,5		16	58	24	4,5
	A1149XPL-NO15	4,572	No. 15	16	58	24	4,572
	A1149XPL-4.6	4,6		16	58	24	4,6
	A1149XPL-NO14	4,623	No. 14	16	58	24	4,623
	A1149XPL-4.65	4,65		16	58	24	4,65
	A1149XPL-NO13	4,699	No. 13	16	58	24	4,699
	A1149XPL-4.7	4,7		16	58	24	4,7
	A1149XPL-3/16IN	4,763	3/16"	18	62	26	4,763
	A1149XPL-4.8	4,8		18	62	26	4,8
	A1149XPL-NO12	4,801	No. 12	18	62	26	4,801
	A1149XPL-NO11	4,851	No. 11	18	62	26	4,851
	A1149XPL-4.9	4,9		18	62	26	4,9
	A1149XPL-NO10	4,915	No. 10	18	62	26	4,915
	A1149XPL-NO9	4,978	No. 09	18	62	26	4,978
	A1149XPL-5	5		18	62	26	5
	A1149XPL-NO8	5,055	No. 08	18	62	26	5,055
	A1149XPL-5.1	5,1		18	62	26	5,1
	A1149XPL-NO7	5,105	No. 07	18	62	26	5,105
	A1149XPL-13/64IN	5,159	13/64"	18	62	26	5,159
	A1149XPL-NO6	5,182	No. 06	18	62	26	5,182
	A1149XPL-5.2	5,2		18	62	26	5,2
	A1149XPL-NO5	5,220	No. 05	18	62	26	5,22
	A1149XPL-5.3	5,3		18	62	26	5,3
	A1149XPL-NO4	5,309	No. 04	19	66	28	5,309
	A1149XPL-5.4	5,4		19	66	28	5,4
	A1149XPL-NO3	5,410	No. 03	19	66	28	5,41
	A1149XPL-5.5	5,5		19	66	28	5,5
	A1149XPL-5.55	5,55		19	66	28	5,55
	A1149XPL-7/32IN	5,556	7/32"	19	66	28	5,556
	A1149XPL-5.6	5,6		19	66	28	5,6
	A1149XPL-NO2	5,613	No. 02	19	66	28	5,613
	A1149XPL-5.7	5,7		19	66	28	5,7
	A1149XPL-NO1	5,791	No. 01	19	66	28	5,791
	A1149XPL-5.8	5,8		19	66	28	5,8
	A1149XPL-5.9	5,9		19	66	28	5,9
	A1149XPL-LET.A	5,944	Let. A	19	66	28	5,944
	A1149XPL-15/64IN	5,953	15/64"	19	66	28	5,953
	A1149XPL-6	6		19	66	28	6
	A1149XPL-LET.B	6,045	Let. B	20	70	31	6,045

Tool	Designation	D _c h8 mm	D _c Inch/Nr	L _c mm	l ₁ mm	l ₂ mm	d ₁ f11 mm
	A1149XPL-6.1	6,1		20	70	31	6,1
	A1149XPL-LET.C	6,147	Let. C	20	70	31	6,147
Cylindrical shank	A1149XPL-6.2	6,2		20	70	31	6,2
	A1149XPL-LET.D	6,248	Let. D	20	70	31	6,248
	A1149XPL-6.3	6,3		20	70	31	6,3
	A1149XPL-1/4IN	6,350	1/4"	20	70	31	6,35
	A1149XPL-6.4	6,4		20	70	31	6,4
	A1149XPL-6.5	6,5		20	70	31	6,5
	A1149XPL-LET.F	6,528	Let. F	20	70	31	6,528
	A1149XPL-6.6	6,6		20	70	31	6,6
	A1149XPL-LET.G	6,629	Let. G	20	70	31	6,629
	A1149XPL-6.7	6,7		20	70	31	6,7
	A1149XPL-17/64IN	6,747	17/64"	22	74	34	6,747
	A1149XPL-LET.H	6,756	Let. H	22	74	34	6,756
	A1149XPL-6.8	6,8		22	74	34	6,8
	A1149XPL-6.9	6,9		22	74	34	6,9
	A1149XPL-LET.I	6,909	Let. I	22	74	34	6,909
	A1149XPL-7	7		22	74	34	7
	A1149XPL-LET.J	7,036	Let. J	22	74	34	7,036
	A1149XPL-7.1	7,1		22	74	34	7,1
	A1149XPL-LET.K	7,137	Let. K	22	74	34	7,137
	A1149XPL-9/32IN	7,144	9/32"	22	74	34	7,144
	A1149XPL-7.2	7,2		22	74	34	7,2
	A1149XPL-7.3	7,3		22	74	34	7,3
	A1149XPL-LET.L	7,366	Let. L	22	74	34	7,366
	A1149XPL-7.4	7,4		22	74	34	7,4
	A1149XPL-LET.M	7,493	Let. M	22	74	34	7,493
	A1149XPL-7.5	7,5		22	74	34	7,5
	A1149XPL-19/64IN	7,541	19/64"	24	79	37	7,541
	A1149XPL-7.6	7,6		24	79	37	7,6
	A1149XPL-LET.N	7,671	Let. N	24	79	37	7,671
	A1149XPL-7.7	7,7		24	79	37	7,7
	A1149XPL-7.8	7,8		24	79	37	7,8
	A1149XPL-7.9	7,9		24	79	37	7,9
	A1149XPL-5/16IN	7,938	5/16"	24	79	37	7,938
	A1149XPL-8	8		24	79	37	8
	A1149XPL-LET.O	8,026	Let. O	24	79	37	8,026
	A1149XPL-8.1	8,1		24	79	37	8,1
	A1149XPL-8.2	8,2		24	79	37	8,2
	A1149XPL-LET.P	8,204	Let. P	24	79	37	8,204
	A1149XPL-8.3	8,3		24	79	37	8,3
	A1149XPL-21/64IN	8,334	21/64"	24	79	37	8,334
	A1149XPL-8.4	8,4		24	79	37	8,4
	A1149XPL-LET.Q	8,433	Let. Q	24	79	37	8,433
	A1149XPL-8.5	8,5		24	79	37	8,5
	A1149XPL-8.6	8,6		25	84	40	8,6

Tool	Designation	D _c h8 mm	D _c Inch/Nr	L _c mm	l ₁ mm	l ₂ mm	d ₁ f11 mm
 Cylindrical shank	A1149XPL-LET.R	8,611	Let. R	25	84	40	8,611
	A1149XPL-8.7	8,7		25	84	40	8,7
	A1149XPL-11/32IN	8,731	11/32"	25	84	40	8,731
	A1149XPL-8.8	8,8		25	84	40	8,8
	A1149XPL-LET.S	8,839	Let. S	25	84	40	8,839
	A1149XPL-8.9	8,9		25	84	40	8,9
	A1149XPL-9	9		25	84	40	9
	A1149XPL-LET.T	9,093	Let. T	25	84	40	9,093
	A1149XPL-9.1	9,1		25	84	40	9,1
	A1149XPL-23/64IN	9,128	23/64"	25	84	40	9,128
	A1149XPL-9.2	9,2		25	84	40	9,2
	A1149XPL-9.3	9,3		25	84	40	9,3
	A1149XPL-LET.U	9,347	Let. U	25	84	40	9,347
B1	A1149XPL-9.4	9,4		25	84	40	9,4
	A1149XPL-9.5	9,5		25	84	40	9,5
	A1149XPL-3/8IN	9,525	3/8"	27	89	43	9,525
	A1149XPL-LET.V	9,576	Let. V	27	89	43	9,576
	A1149XPL-9.6	9,6		27	89	43	9,6
	A1149XPL-9.7	9,7		27	89	43	9,7
	A1149XPL-9.8	9,8		27	89	43	9,8
	A1149XPL-LET.W	9,804	Let. W	27	89	43	9,804
	A1149XPL-9.9	9,9		27	89	43	9,9
	A1149XPL-25/64IN	9,922	25/64"	27	89	43	9,922
	A1149XPL-10	10		27	89	43	10
	A1149XPL-LET.X	10,084	Let. X	27	89	43	10,084
	A1149XPL-10.2	10,2		27	89	43	10,2
	A1149XPL-LET.Y	10,262	Let. Y	27	89	43	10,262
	A1149XPL-13/32IN	10,319	13/32"	27	89	43	10,319
	A1149XPL-LET.Z	10,490	Let. Z	27	89	43	10,49
	A1149XPL-10.5	10,5		27	89	43	10,5
	A1149XPL-27/64IN	10,716	27/64"	29	95	47	10,716
	A1149XPL-10.8	10,8		29	95	47	10,8
	A1149XPL-11	11		29	95	47	11
	A1149XPL-7/16IN	11,113	7/16"	29	95	47	11,113
	A1149XPL-11.2	11,2		29	95	47	11,2
	A1149XPL-11.3	11,3		29	95	47	11,3
	A1149XPL-11.5	11,5		29	95	47	11,5
	A1149XPL-29/64IN	11,509	29/64"	29	95	47	11,509
	A1149XPL-11.8	11,8		29	95	47	11,8
	A1149XPL-15/32IN	11,906	15/32"	37	102	51	11,906
	A1149XPL-12	12		37	102	51	12
	A1149XPL-31/64IN	12,303	31/64"	37	102	51	12,303
	A1149XPL-12.5	12,5		37	102	51	12,5
	A1149XPL-1/2IN	12,700	1/2"	37	102	51	12,7
	A1149XPL-12.8	12,8		37	102	51	12,8
	A1149XPL-13	13		37	102	51	13

Tool	Designation	D _c h8 mm	D _c Inch/Nr	L _c mm	l ₁ mm	l ₂ mm	d ₁ f11 mm
	A1149XPL-33/64IN	13,097		37	102	51	13,097
	A1149XPL-13.1	13,1		37	102	51	13,1
Cylindrical shank	A1149XPL-13.3	13,3		40	107	54	13,3
	A1149XPL-17/32IN	13,494	17/32"	40	107	54	13,494
	A1149XPL-13.5	13,5		40	107	54	13,5
	A1149XPL-35/64IN	13,891		40	107	54	13,891
	A1149XPL-14	14		40	107	54	14
	A1149XPL-9/16IN	14,288	9/16"	41	111	56	14,288
	A1149XPL-14.5	14,5		41	111	56	14,5
	A1149XPL-37/64IN	14,684	37/64"	41	111	56	14,684
	A1149XPL-15	15		41	111	56	15
	A1149XPL-19/32IN	15,081	19/32"	42	115	58	15,081
	A1149XPL-15.1	15,1		42	115	58	15,1
	A1149XPL-15.3	15,3		42	115	58	15,3
	A1149XPL-39/64IN	15,478	39/64"	42	115	58	15,478
	A1149XPL-15.5	15,5		42	115	58	15,5
	A1149XPL-5/8IN	15,875	5/8"	42	115	58	15,875
	A1149XPL-16	16		42	115	58	16
	A1149XPL-41/64IN	16,272		43	119	60	16,272
	A1149XPL-16.5	16,5		43	119	60	16,5
	A1149XPL-21/32IN	16,669		43	119	60	16,669
	A1149XPL-17	17		43	119	60	17
	A1149XPL-43/64IN	17,066		44	123	62	17,066
	A1149XPL-11/16IN	17,463		44	123	62	17,463
	A1149XPL-17.5	17,5		44	123	62	17,5
	A1149XPL-45/64IN	17,859	45/64"	44	123	62	17,859
	A1149XPL-18	18		44	123	62	18
	A1149XPL-23/32IN	18,256	23/32"	45	127	64	18,256
	A1149XPL-18.5	18,5		45	127	64	18,5
	A1149XPL-47/64IN	18,653	47/64"	45	127	64	18,653
	A1149XPL-19	19		45	127	64	19
	A1149XPL-3/4IN	19,050	3/4"	46	131	66	19,05
	A1149XPL-19.5	19,5		46	131	66	19,5
	A1149XPL-20	20		46	131	66	20

B1

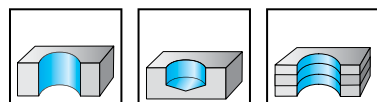
**WALTER
SELECT**

●● Primary application ● Other application
 Best tool for → Good = 😊 → Average = 😐 → Poor = ☹️ machining conditions

HSS-E twist drills, extra short

A1154TFT

VA Inox



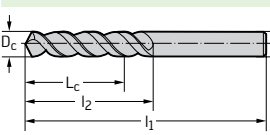
B1

	P	M	K	N	S	H	O
TFT	●	●●	●	●●	●	●	●

Tool	Designation	D _c h8 mm	L _c mm	l ₁ mm	l ₂ mm	d ₁ f11 mm
Cylindrical shank	A1154TFT-2	2	8	38	12	2
	A1154TFT-2.1	2.1	8	38	12	2.1
	A1154TFT-2.2	2.2	9	40	13	2.2
	A1154TFT-2.3	2.3	9	40	13	2.3
	A1154TFT-2.4	2.4	10	43	14	2.4
	A1154TFT-2.5	2.5	10	43	14	2.5
	A1154TFT-2.6	2.6	10	43	14	2.6
	A1154TFT-2.7	2.7	11	46	16	2.7
	A1154TFT-2.8	2.8	11	46	16	2.8
	A1154TFT-2.9	2.9	11	46	16	2.9
	A1154TFT-3	3	11	46	16	3
	A1154TFT-3.1	3.1	12	49	18	3.1
	A1154TFT-3.2	3.2	12	49	18	3.2
	A1154TFT-3.3	3.3	12	49	18	3.3
	A1154TFT-3.4	3.4	14	52	20	3.4
	A1154TFT-3.5	3.5	14	52	20	3.5
	A1154TFT-3.6	3.6	14	52	20	3.6
	A1154TFT-3.7	3.7	14	52	20	3.7
	A1154TFT-3.8	3.8	15	55	22	3.8
	A1154TFT-3.9	3.9	15	55	22	3.9
	A1154TFT-4	4	15	55	22	4
	A1154TFT-4.1	4.1	15	55	22	4.1
	A1154TFT-4.2	4.2	15	55	22	4.2
	A1154TFT-4.3	4.3	16	58	24	4.3
	A1154TFT-4.4	4.4	16	58	24	4.4
	A1154TFT-4.5	4.5	16	58	24	4.5
	A1154TFT-4.6	4.6	16	58	24	4.6
	A1154TFT-4.65	4.65	16	58	24	4.65
	A1154TFT-4.7	4.7	16	58	24	4.7
	A1154TFT-4.8	4.8	18	62	26	4.8
	A1154TFT-4.9	4.9	18	62	26	4.9
	A1154TFT-5	5	18	62	26	5
	A1154TFT-5.1	5.1	18	62	26	5.1
	A1154TFT-5.2	5.2	18	62	26	5.2
	A1154TFT-5.3	5.3	18	62	26	5.3
	A1154TFT-5.4	5.4	19	66	28	5.4

WALTER
SELECT

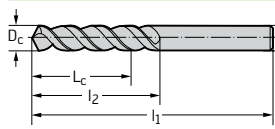
●● Primary application ● Other application
Best tool for → Good = 😊 → Average = 😐 → Poor = 😞 machining conditions

Tool	Designation	D _c h8 mm	L _c mm	l ₁ mm	l ₂ mm	d ₁ f11 mm
	A1154TFT-5.5	5,5	19	66	28	5,5
	A1154TFT-5.55	5,55	19	66	28	5,55
Cylindrical shank	A1154TFT-5.6	5,6	19	66	28	5,6
	A1154TFT-5.7	5,7	19	66	28	5,7
	A1154TFT-5.8	5,8	19	66	28	5,8
	A1154TFT-5.9	5,9	19	66	28	5,9
	A1154TFT-6	6	19	66	28	6
	A1154TFT-6.1	6,1	20	70	31	6,1
	A1154TFT-6.2	6,2	20	70	31	6,2
	A1154TFT-6.3	6,3	20	70	31	6,3
	A1154TFT-6.4	6,4	20	70	31	6,4
	A1154TFT-6.5	6,5	20	70	31	6,5
	A1154TFT-6.6	6,6	20	70	31	6,6
	A1154TFT-6.7	6,7	20	70	31	6,7
	A1154TFT-6.8	6,8	22	74	34	6,8
	A1154TFT-6.9	6,9	22	74	34	6,9
	A1154TFT-7	7	22	74	34	7
	A1154TFT-7.1	7,1	22	74	34	7,1
	A1154TFT-7.2	7,2	22	74	34	7,2
	A1154TFT-7.3	7,3	22	74	34	7,3
	A1154TFT-7.4	7,4	22	74	34	7,4
	A1154TFT-7.5	7,5	22	74	34	7,5
	A1154TFT-7.6	7,6	24	79	37	7,6
	A1154TFT-7.7	7,7	24	79	37	7,7
	A1154TFT-7.8	7,8	24	79	37	7,8
	A1154TFT-7.9	7,9	24	79	37	7,9
	A1154TFT-8	8	24	79	37	8
	A1154TFT-8.1	8,1	24	79	37	8,1
	A1154TFT-8.2	8,2	24	79	37	8,2
	A1154TFT-8.3	8,3	24	79	37	8,3
	A1154TFT-8.4	8,4	24	79	37	8,4
	A1154TFT-8.5	8,5	24	79	37	8,5
	A1154TFT-8.6	8,6	25	84	40	8,6
	A1154TFT-8.7	8,7	25	84	40	8,7
	A1154TFT-8.8	8,8	25	84	40	8,8
	A1154TFT-8.9	8,9	25	84	40	8,9
	A1154TFT-9	9	25	84	40	9
	A1154TFT-9.1	9,1	25	84	40	9,1
	A1154TFT-9.2	9,2	25	84	40	9,2
	A1154TFT-9.3	9,3	25	84	40	9,3
	A1154TFT-9.4	9,4	25	84	40	9,4
	A1154TFT-9.5	9,5	25	84	40	9,5
	A1154TFT-9.6	9,6	27	89	43	9,6
	A1154TFT-9.7	9,7	27	89	43	9,7
	A1154TFT-9.8	9,8	27	89	43	9,8
	A1154TFT-9.9	9,9	27	89	43	9,9

B1

**WALTER
SELECT**

●● Primary application ● Other application
 Best tool for → Good = 😊 → Average = 😐 → Poor = ☹️ machining conditions

Tool		D _c h8 mm	L _c mm	l ₁ mm	l ₂ mm	d ₁ f11 mm
	Designation					
	Cylindrical shank					
	A1154TFT-10	10	27	89	43	10
	A1154TFT-10.2	10,2	27	89	43	10,2
	A1154TFT-10.3	10,3	27	89	43	10,3
	A1154TFT-10.5	10,5	27	89	43	10,5
	A1154TFT-10.6	10,6	27	89	43	10,6
	A1154TFT-10.7	10,7	29	95	47	10,7
	A1154TFT-10.8	10,8	29	95	47	10,8
	A1154TFT-10.9	10,9	29	95	47	10,9
	A1154TFT-11	11	29	95	47	11
	A1154TFT-11.1	11,1	29	95	47	11,1
	A1154TFT-11.2	11,2	29	95	47	11,2
	A1154TFT-11.3	11,3	29	95	47	11,3
	A1154TFT-11.5	11,5	29	95	47	11,5
	A1154TFT-11.6	11,6	29	95	47	11,6
	A1154TFT-11.8	11,8	29	95	47	11,8
	A1154TFT-11.9	11,9	37	102	51	11,9
	A1154TFT-12	12	37	102	51	12
	A1154TFT-12.1	12,1	37	102	51	12,1
	A1154TFT-12.3	12,3	37	102	51	12,3
	A1154TFT-12.5	12,5	37	102	51	12,5
	A1154TFT-12.6	12,6	37	102	51	12,6
	A1154TFT-12.7	12,700	37	102	51	12,7
	A1154TFT-13	13	37	102	51	13
	A1154TFT-13.1	13,1	37	102	51	13,1
	A1154TFT-13.2	13,2	37	102	51	13,2
	A1154TFT-13.3	13,3	40	107	54	13,3
	A1154TFT-13.4	13,4	40	107	54	13,4
	A1154TFT-13.5	13,5	40	107	54	13,5
	A1154TFT-13.6	13,6	40	107	54	13,6
	A1154TFT-14	14	40	107	54	14
	A1154TFT-14.1	14,1	41	111	56	14,1
	A1154TFT-14.2	14,2	41	111	56	14,2
	A1154TFT-14.5	14,5	41	111	56	14,5
	A1154TFT-14.8	14,8	41	111	56	14,8
	A1154TFT-15	15	41	111	56	15
	A1154TFT-15.1	15,1	42	115	58	15,1
	A1154TFT-15.2	15,2	42	115	58	15,2
	A1154TFT-15.3	15,3	42	115	58	15,3
	A1154TFT-15.5	15,5	42	115	58	15,5
	A1154TFT-15.8	15,8	42	115	58	15,8
	A1154TFT-16	16	42	115	58	16

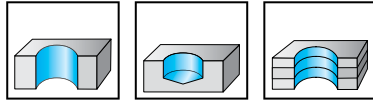
HSS-E twist drills, extra short

A1148

UFL®



– Uncoated up to 1.9 mm



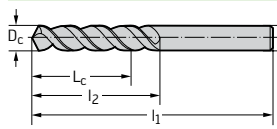
	P	M	K	N	S	H	O
uncoated	●●	●●	●●	●●	●●		●

B1

Tool	Designation	D _c h8 mm	D _c Inch/Nr	L _c mm	l ₁ mm	l ₂ mm	d ₁ f11 mm
	A1148-1	1		4	26	6	1
	A1148-NO60	1,016	No. 60	4	26	6	1,016
	A1148-NO59	1,041	No. 59	4	26	6	1,041
	A1148-NO58	1,067	No. 58	5	28	7	1,067
Cylindrical shank	A1148-NO57	1,092	No. 57	5	28	7	1,092
	A1148-1.1	1,1		5	28	7	1,1
	A1148-NO56	1,181	No. 56	6	30	8	1,181
	A1148-3/64IN	1,191	3/64"	6	30	8	1,191
	A1148-1.2	1,2		6	30	8	1,2
	A1148-1.3	1,3		6	30	8	1,3
	A1148-NO55	1,321	No. 55	6	32	9	1,321
	A1148-NO54	1,397	No. 54	6	32	9	1,397
	A1148-1.4	1,4		6	32	9	1,4
	A1148-1.5	1,5		6	32	9	1,5
	A1148-NO53	1,511	No. 53	7	34	10	1,511
	A1148-1/16IN	1,588	1/16"	7	34	10	1,588
	A1148-1.6	1,6		7	34	10	1,6
	A1148-NO52	1,613	No. 52	7	34	10	1,613
	A1148-1.7	1,7		7	34	10	1,7
	A1148-NO51	1,702	No. 51	8	36	11	1,702
	A1148-NO50	1,778	No. 50	8	36	11	1,778
	A1148-1.8	1,8		8	36	11	1,8
	A1148-NO49	1,854	No. 49	8	36	11	1,854
	A1148-1.9	1,9		8	36	11	1,9
	A1148-NO48	1,930	No. 48	8	38	12	1,93
	A1148-5/64IN	1,984	5/64"	8	38	12	1,984
	A1148-NO47	1,994	No. 47	8	38	12	1,994
	A1148-2	2		8	38	12	2
	A1148-NO46	2,057	No. 46	8	38	12	2,057
	A1148-NO45	2,083	No. 45	8	38	12	2,083
	A1148-2.1	2,1		8	38	12	2,1
	A1148-NO44	2,184	No. 44	9	40	13	2,184
	A1148-2.2	2,2		9	40	13	2,2
	A1148-NO43	2,261	No. 43	9	40	13	2,261
	A1148-2.3	2,3		9	40	13	2,3
	A1148-NO42	2,375	No. 42	10	43	14	2,375

WALTER
SELECT

●● Primary application ● Other application
 Best tool for → Good = 😊 → Average = 😐 → Poor = ☹️ machining conditions

Tool	Designation	D _c h8 mm	D _c Inch/Nr	L _c mm	l ₁ mm	l ₂ mm	d ₁ f11 mm
	A1148-3/32IN	2,381	3/32"	10	43	14	2,381
	A1148-2.4	2,4		10	43	14	2,4
	A1148-N041	2,438	No. 41	10	43	14	2,438
	A1148-N040	2,489	No. 40	10	43	14	2,489
	A1148-2.5	2,5		10	43	14	2,5
	A1148-N039	2,527	No. 39	10	43	14	2,527
	A1148-N038	2,578	No. 38	10	43	14	2,578
	A1148-2.6	2,6		10	43	14	2,6
	A1148-N037	2,642	No. 37	10	43	14	2,642
	A1148-2.7	2,7		11	46	16	2,7
	A1148-N036	2,705	No. 36	11	46	16	2,705
	A1148-7/64IN	2,778	7/64"	11	46	16	2,778
	A1148-N035	2,794	No. 35	11	46	16	2,794
	A1148-2.8	2,8		11	46	16	2,8
	A1148-N034	2,819	No. 34	11	46	16	2,819
	A1148-N033	2,870	No. 33	11	46	16	2,87
	A1148-2.9	2,9		11	46	16	2,9
	A1148-N032	2,946	No. 32	11	46	16	2,946
	A1148-3	3		11	46	16	3
	A1148-N031	3,048	No. 31	12	49	18	3,048
	A1148-3.1	3,1		12	49	18	3,1
	A1148-1/8IN	3,175	1/8"	12	49	18	3,175
	A1148-3.2	3,2		12	49	18	3,2
	A1148-N030	3,264	No. 30	12	49	18	3,264
	A1148-3.3	3,3		12	49	18	3,3
	A1148-3.4	3,4		14	52	20	3,4
	A1148-N029	3,454	No. 29	14	52	20	3,454
	A1148-3.5	3,5		14	52	20	3,5
	A1148-N028	3,569	No. 28	14	52	20	3,569
	A1148-9/64IN	3,572	9/64"	14	52	20	3,572
	A1148-3.6	3,6		14	52	20	3,6
	A1148-N027	3,658	No. 27	14	52	20	3,658
	A1148-3.7	3,7		14	52	20	3,7
	A1148-N026	3,734	No. 26	14	52	20	3,734
	A1148-N025	3,797	No. 25	15	55	22	3,797
	A1148-3.8	3,8		15	55	22	3,8
	A1148-N024	3,861	No. 24	15	55	22	3,861
	A1148-3.9	3,9		15	55	22	3,9
	A1148-N023	3,912	No. 23	15	55	22	3,912
	A1148-5/32IN	3,969	5/32"	15	55	22	3,969
	A1148-N022	3,988	No. 22	15	55	22	3,988
	A1148-4	4		15	55	22	4
	A1148-N021	4,039	No. 21	15	55	22	4,039
	A1148-N020	4,089	No. 20	15	55	22	4,089
	A1148-4.1	4,1		15	55	22	4,1
	A1148-4.2	4,2		15	55	22	4,2

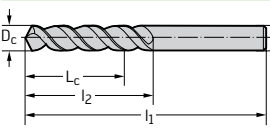
Cylindrical shank

B1

WALTER
SELECT

●● Primary application ● Other application
 Best tool for → Good = 😊 → Average = 😐 → Poor = ☹️ machining conditions

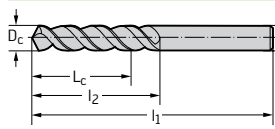
New addition to the product range = 🌟 🌟 🌟 / ★

Tool	Designation	D _c h8 mm	D _c Inch/Nr	L _c mm	l ₁ mm	l ₂ mm	d ₁ f11 mm
	A1148-NO19	4,216	No. 19	15	55	22	4,216
	A1148-4.3	4,3		16	58	24	4,3
Cylindrical shank	A1148-NO18	4,305	No. 18	16	58	24	4,305
	A1148-11/64IN	4,366	11/64"	16	58	24	4,366
	A1148-NO17	4,394	No. 17	16	58	24	4,394
	A1148-4.4	4,4		16	58	24	4,4
	A1148-NO16	4,496	No. 16	16	58	24	4,496
	A1148-4.5	4,5		16	58	24	4,5
	A1148-NO15	4,572	No. 15	16	58	24	4,572
	A1148-4.6	4,6		16	58	24	4,6
	A1148-NO14	4,623	No. 14	16	58	24	4,623
	A1148-NO13	4,699	No. 13	16	58	24	4,699
	A1148-4.7	4,7		16	58	24	4,7
	A1148-3/16IN	4,763	3/16"	18	62	26	4,763
	A1148-4.8	4,8		18	62	26	4,8
	A1148-NO12	4,801	No. 12	18	62	26	4,801
	A1148-NO11	4,851	No. 11	18	62	26	4,851
	A1148-4.9	4,9		18	62	26	4,9
	A1148-NO10	4,915	No. 10	18	62	26	4,915
	A1148-NO9	4,978	No. 09	18	62	26	4,978
	A1148-5	5		18	62	26	5
	A1148-NO8	5,055	No. 08	18	62	26	5,055
	A1148-5.1	5,1		18	62	26	5,1
	A1148-NO7	5,105	No. 07	18	62	26	5,105
	A1148-13/64IN	5,159	13/64"	18	62	26	5,159
	A1148-NO6	5,182	No. 06	18	62	26	5,182
	A1148-5.2	5,2		18	62	26	5,2
	A1148-NO5	5,220	No. 05	18	62	26	5,22
	A1148-5.3	5,3		18	62	26	5,3
	A1148-NO4	5,309	No. 04	19	66	28	5,309
	A1148-5.4	5,4		19	66	28	5,4
	A1148-NO3	5,410	No. 03	19	66	28	5,41
	A1148-5.5	5,5		19	66	28	5,5
	A1148-7/32IN	5,556	7/32"	19	66	28	5,556
	A1148-5.6	5,6		19	66	28	5,6
	A1148-NO2	5,613	No. 02	19	66	28	5,613
	A1148-5.7	5,7		19	66	28	5,7
	A1148-NO1	5,791	No. 01	19	66	28	5,791
	A1148-5.8	5,8		19	66	28	5,8
	A1148-5.9	5,9		19	66	28	5,9
	A1148-LET.A	5,944	Let. A	19	66	28	5,944
	A1148-15/64IN	5,953	15/64"	19	66	28	5,953
	A1148-6	6		19	66	28	6
	A1148-LET.B	6,045	Let. B	20	70	31	6,045
	A1148-6.1	6,1		20	70	31	6,1
	A1148-LET.C	6,147	Let. C	20	70	31	6,147

B1

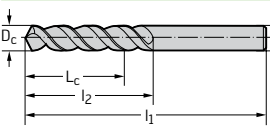
**WALTER
SELECT**

●● Primary application ● Other application
 Best tool for → Good = 😊 → Average = 😐 → Poor = ☹️ machining conditions

Tool	Designation	D _c h8 mm	D _c Inch/Nr	L _c mm	l ₁ mm	l ₂ mm	d ₁ f11 mm
	A1148-6.2	6,2		20	70	31	6,2
	A1148-LET.D	6,248	Let. D	20	70	31	6,248
	A1148-6.3	6,3		20	70	31	6,3
	A1148-1/4IN	6,350	1/4"	20	70	31	6,35
	A1148-6.4	6,4		20	70	31	6,4
	A1148-6.5	6,5		20	70	31	6,5
	A1148-LET.F	6,528	Let. F	20	70	31	6,528
	A1148-6.6	6,6		20	70	31	6,6
	A1148-LET.G	6,629	Let. G	20	70	31	6,629
	A1148-6.7	6,7		20	70	31	6,7
	A1148-17/64IN	6,747	17/64"	22	74	34	6,747
	A1148-LET.H	6,756	Let. H	22	74	34	6,756
	A1148-6.8	6,8		22	74	34	6,8
	A1148-6.9	6,9		22	74	34	6,9
	A1148-LET.I	6,909	Let. I	22	74	34	6,909
	A1148-7	7		22	74	34	7
	A1148-LET.J	7,036	Let. J	22	74	34	7,036
	A1148-7.1	7,1		22	74	34	7,1
	A1148-LET.K	7,137	Let. K	22	74	34	7,137
	A1148-9/32IN	7,144	9/32"	22	74	34	7,144
	A1148-7.2	7,2		22	74	34	7,2
	A1148-7.3	7,3		22	74	34	7,3
	A1148-LET.L	7,366	Let. L	22	74	34	7,366
	A1148-7.4	7,4		22	74	34	7,4
	A1148-LET.M	7,493	Let. M	22	74	34	7,493
	A1148-7.5	7,5		22	74	34	7,5
	A1148-19/64IN	7,541	19/64"	24	79	37	7,541
	A1148-7.6	7,6		24	79	37	7,6
	A1148-LET.N	7,671	Let. N	24	79	37	7,671
	A1148-7.7	7,7		24	79	37	7,7
	A1148-7.8	7,8		24	79	37	7,8
	A1148-7.9	7,9		24	79	37	7,9
	A1148-5/16IN	7,938	5/16"	24	79	37	7,938
	A1148-8	8		24	79	37	8
	A1148-LET.O	8,026	Let. O	24	79	37	8,026
	A1148-8.1	8,1		24	79	37	8,1
	A1148-8.2	8,2		24	79	37	8,2
	A1148-LET.P	8,204	Let. P	24	79	37	8,204
	A1148-8.3	8,3		24	79	37	8,3
	A1148-21/64IN	8,334	21/64"	24	79	37	8,334
	A1148-8.4	8,4		24	79	37	8,4
	A1148-LET.Q	8,433	Let. Q	24	79	37	8,433
	A1148-8.5	8,5		24	79	37	8,5
	A1148-8.6	8,6		25	84	40	8,6
	A1148-LET.R	8,611	Let. R	25	84	40	8,611
	A1148-8.7	8,7		25	84	40	8,7

Cylindrical shank

B1

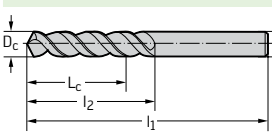
Tool	Designation	D_c h8 mm	D_c Inch/Nr	L_c mm	l_1 mm	l_2 mm	d_1 f11 mm
	A1148-11/32IN	8,731	11/32"	25	84	40	8,731
	A1148-8.8	8,8		25	84	40	8,8
	A1148-LET.S	8,839	Let. S	25	84	40	8,839
	A1148-8.9	8,9		25	84	40	8,9
	A1148-9	9		25	84	40	9
	A1148-LET.T	9,093	Let. T	25	84	40	9,093
	A1148-9.1	9,1		25	84	40	9,1
	A1148-23/64IN	9,128	23/64"	25	84	40	9,128
	A1148-9.2	9,2		25	84	40	9,2
	A1148-9.3	9,3		25	84	40	9,3
	A1148-LET.U	9,347	Let. U	25	84	40	9,347
	A1148-9.4	9,4		25	84	40	9,4
	A1148-9.5	9,5		25	84	40	9,5
	A1148-3/8IN	9,525	3/8"	27	89	43	9,525
	A1148-LET.V	9,576	Let. V	27	89	43	9,576
	A1148-9.6	9,6		27	89	43	9,6
	A1148-9.7	9,7		27	89	43	9,7
	A1148-9.8	9,8		27	89	43	9,8
	A1148-LET.W	9,804	Let. W	27	89	43	9,804
	A1148-9.9	9,9		27	89	43	9,9
	A1148-25/64IN	9,922	25/64"	27	89	43	9,922
	A1148-10	10		27	89	43	10
	A1148-LET.X	10,084	Let. X	27	89	43	10,084
	A1148-10.2	10,2		27	89	43	10,2
	A1148-LET.Y	10,262	Let. Y	27	89	43	10,262
	A1148-13/32IN	10,319	13/32"	27	89	43	10,319
	A1148-LET.Z	10,490	Let. Z	27	89	43	10,49
	A1148-10.5	10,5		27	89	43	10,5
	A1148-27/64IN	10,716	27/64"	29	95	47	10,716
	A1148-10.8	10,8		29	95	47	10,8
	A1148-11	11		29	95	47	11
	A1148-7/16IN	11,113	7/16"	29	95	47	11,113
	A1148-11.2	11,2		29	95	47	11,2
	A1148-11.5	11,5		29	95	47	11,5
	A1148-29/64IN	11,509	29/64"	29	95	47	11,509
	A1148-11.8	11,8		29	95	47	11,8
	A1148-15/32IN	11,906	15/32"	37	102	51	11,906
	A1148-12	12		37	102	51	12
	A1148-31/64IN	12,303	31/64"	37	102	51	12,303
	A1148-12.5	12,5		37	102	51	12,5
	A1148-1/2IN	12,700	1/2"	37	102	51	12,7
	A1148-12.8	12,8		37	102	51	12,8
	A1148-13	13		37	102	51	13
	A1148-33/64IN	13,097		37	102	51	13,097
	A1148-13.3	13,3		40	107	54	13,3
	A1148-17/32IN	13,494	17/32"	40	107	54	13,494

Cylindrical shank

B1

**WALTER
SELECT**

●● Primary application ● Other application
 Best tool for → Good = 😊 → Average = 😐 → Poor = ☹️ machining conditions

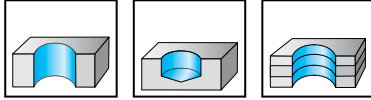
Tool	Designation	D _c h8 mm	D _c Inch/Nr	L _c mm	l ₁ mm	l ₂ mm	d ₁ f11 mm
	A1148-13.5	13,5		40	107	54	13,5
	A1148-35/64IN	13,891		40	107	54	13,891
Cylindrical shank	A1148-14	14		40	107	54	14
	A1148-9/16IN	14,288	9/16"	41	111	56	14,288
	A1148-14.5	14,5		41	111	56	14,5
	A1148-37/64IN	14,684	37/64"	41	111	56	14,684
	A1148-15	15		41	111	56	15
	A1148-19/32IN	15,081	19/32"	42	115	58	15,081
	A1148-15.3	15,3		42	115	58	15,3
	A1148-39/64IN	15,478	39/64"	42	115	58	15,478
	A1148-15.5	15,5		42	115	58	15,5
	A1148-5/8IN	15,875	5/8"	42	115	58	15,875
	A1148-16	16		42	115	58	16
	A1148-41/64IN	16,272		43	119	60	16,272
	A1148-16.5	16,5		43	119	60	16,5
	A1148-21/32IN	16,669		43	119	60	16,669
	A1148-17	17		43	119	60	17
	A1148-43/64IN	17,066		44	123	62	17,066
	A1148-11/16IN	17,463		44	123	62	17,463
	A1148-17.5	17,5		44	123	62	17,5
	A1148-45/64IN	17,859	45/64"	44	123	62	17,859
	A1148-18	18		44	123	62	18
	A1148-23/32IN	18,256	23/32"	45	127	64	18,256
	A1148-18.5	18,5		45	127	64	18,5
	A1148-47/64IN	18,653	47/64"	45	127	64	18,653
	A1148-19	19		45	127	64	19
	A1148-3/4IN	19,050	3/4"	46	131	66	19,05
	A1148-19.5	19,5		46	131	66	19,5
	A1148-20	20		46	131	66	20

HSS-E micro drills

A3143



– Type ESU



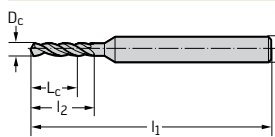
	P	M	K	N	S	H	O
uncoated	●●	●	●●	●●	●●		●

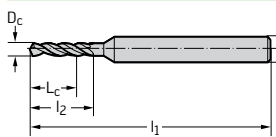
B1

Tool		D _c 0-0,004 mm	L _c mm	l ₁ mm	l ₂ mm	d ₁ h8 mm
	Designation					
	A3143-0.05	0,05	0,2	25	0,3	1
	A3143-0.06	0,06	0,2	25	0,3	1
	A3143-0.07	0,07	0,2	25	0,4	1
	A3143-0.08	0,08	0,2	25	0,4	1
	A3143-0.09	0,09	0,2	25	0,4	1
	A3143-0.1	0,1	0,3	25	0,5	1
	A3143-0.11	0,11	0,3	25	0,5	1
	A3143-0.12	0,12	0,3	25	0,5	1
	A3143-0.13	0,13	0,5	25	0,8	1
	A3143-0.14	0,14	0,5	25	0,8	1
	A3143-0.15	0,15	0,5	25	0,8	1
	A3143-0.16	0,16	0,8	25	1,1	1
	A3143-0.17	0,17	0,8	25	1,1	1
	A3143-0.18	0,18	0,8	25	1,1	1
	A3143-0.19	0,19	0,8	25	1,1	1
	A3143-0.2	0,2	1,1	25	1,5	1
	A3143-0.21	0,21	1,1	25	1,5	1
	A3143-0.22	0,22	1,1	25	1,5	1
	A3143-0.23	0,23	1,1	25	1,5	1
	A3143-0.24	0,24	1,1	25	1,5	1
	A3143-0.25	0,25	1,4	25	1,9	1
	A3143-0.26	0,26	1,4	25	1,9	1
	A3143-0.27	0,27	1,4	25	1,9	1
	A3143-0.28	0,28	1,4	25	1,9	1
	A3143-0.29	0,29	1,4	25	1,9	1
	A3143-0.3	0,3	1,4	25	1,9	1
	A3143-0.31	0,31	1,8	25	2,4	1
	A3143-0.32	0,32	1,8	25	2,4	1
	A3143-0.33	0,33	1,8	25	2,4	1
	A3143-0.34	0,34	1,8	25	2,4	1
	A3143-0.35	0,35	1,8	25	2,4	1
	A3143-0.36	0,36	1,8	25	2,4	1
	A3143-0.37	0,37	1,8	25	2,4	1
	A3143-0.38	0,38	1,8	25	2,4	1
	A3143-0.39	0,39	2,2	25	3	1
	A3143-0.4	0,4	2,2	25	3	1

**WALTER
SELECT**

●● Primary application ● Other application
 Best tool for → Good = 😊 → Average = 😐 → Poor = ☹️ machining conditions

Tool		D _c 0-0,004 mm	L _c mm	l ₁ mm	l ₂ mm	d ₁ h8 mm
	Designation					
	Cylindrical shank					
	A3143-0.41	0,41	2,2	25	3	1
	A3143-0.42	0,42	2,2	25	3	1
	A3143-0.43	0,43	2,2	25	3	1
	A3143-0.44	0,44	2,2	25	3	1
	A3143-0.45	0,45	2,2	25	3	1
	A3143-0.46	0,46	2,2	25	3	1
	A3143-0.47	0,47	2,2	25	3	1
	A3143-0.48	0,48	2,2	25	3	1
	A3143-0.49	0,49	2,6	25	3,4	1
	A3143-0.5	0,5	2,6	25	3,4	1
	A3143-0.51	0,51	2,6	25	3,4	1
	A3143-0.52	0,52	2,6	25	3,4	1
	A3143-0.53	0,53	2,6	25	3,4	1
	A3143-0.54	0,54	3	25	3,9	1
	A3143-0.55	0,55	3	25	3,9	1
	A3143-0.56	0,56	3	25	3,9	1
	A3143-0.57	0,57	3	25	3,9	1
	A3143-0.58	0,58	3	25	3,9	1
	A3143-0.59	0,59	3	25	3,9	1
	A3143-0.6	0,6	3	25	3,9	1
	A3143-0.61	0,61	3,1	25	4,2	1
	A3143-0.62	0,62	3,1	25	4,2	1
	A3143-0.63	0,63	3,1	25	4,2	1
	A3143-0.64	0,64	3,1	25	4,2	1
	A3143-0.65	0,65	3,1	25	4,2	1
	A3143-0.66	0,66	3,1	25	4,2	1
	A3143-0.67	0,67	3,1	25	4,2	1
	A3143-0.68	0,68	3,6	25	4,8	1
	A3143-0.69	0,69	3,6	25	4,8	1
	A3143-0.7	0,7	3,6	25	4,8	1
	A3143-0.71	0,71	3,6	25	4,8	1
	A3143-0.72	0,72	3,6	25	4,8	1
	A3143-0.73	0,73	3,6	25	4,8	1
	A3143-0.74	0,74	3,6	25	4,8	1
	A3143-0.75	0,75	3,6	25	4,8	1
	A3143-0.76	0,76	4,1	25	5,3	1
	A3143-0.77	0,77	4,1	25	5,3	1
	A3143-0.78	0,78	4,1	25	5,3	1
	A3143-0.79	0,79	4,1	25	5,3	1
	A3143-0.8	0,8	4	25	5,3	1,5
	A3143-0.81	0,81	4	25	5,3	1,5
	A3143-0.82	0,82	4	25	5,3	1,5
	A3143-0.83	0,83	4	25	5,3	1,5
	A3143-0.84	0,84	4	25	5,3	1,5
	A3143-0.85	0,85	4	25	5,3	1,5
	A3143-0.86	0,86	4,5	25	6	1,5

Tool		D_c 0-0,004 mm	L_c mm	l_1 mm	l_2 mm	d_1 h8 mm
 Cylindrical shank	Designation					
	A3143-0.87	0,87	4,5	25	6	1,5
	A3143-0.88	0,88	4,5	25	6	1,5
	A3143-0.89	0,89	4,5	25	6	1,5
	A3143-0.9	0,9	4,5	25	6	1,5
	A3143-0.91	0,91	4,5	25	6	1,5
	A3143-0.92	0,92	4,5	25	6	1,5
	A3143-0.93	0,93	4,5	25	6	1,5
	A3143-0.94	0,94	4,5	25	6	1,5
	A3143-0.95	0,95	4,5	25	6	1,5
	A3143-0.96	0,96	5	25	6,8	1,5
	A3143-0.97	0,97	5	25	6,8	1,5
	A3143-0.98	0,98	5	25	6,8	1,5
	A3143-0.99	0,99	5	25	6,8	1,5
	A3143-1	1	5	25	6,8	1,5
	A3143-1.05	1,05	5	25	6,8	1,5
	A3143-1.1	1,1	5	25	7,6	1,5
	A3143-1.15	1,15	5	25	7,6	1,5
	A3143-1.2	1,2	6	25	8,5	1,5
	A3143-1.25	1,25	6	25	8,5	1,5
	A3143-1.3	1,3	6	25	8,5	1,5
	A3143-1.35	1,35	7	25	9,5	1,5
	A3143-1.4	1,4	7	25	9,5	1,5
	A3143-1.45	1,45	7	25	9,5	1,5

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**WALTER
SELECT**

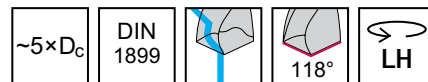
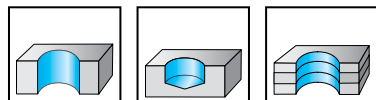
●● Primary application ● Other application
 Best tool for → Good = 😊 → Average = 😐 → Poor = ☹️ machining conditions

HSS-E micro drills

A3153



– Type ESU

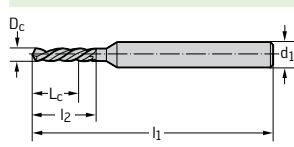


	P	M	K	N	S	H	O
uncoated	●●	●	●●	●●	●●		●

Tool	Designation	D _c 0-0,004 mm	L _c mm	l ₁ mm	l ₂ mm	d ₁ h8 mm
Cylindrical shank	A3153-0.15	0,15	0,5	25	0,8	1
	A3153-0.17	0,17	0,8	25	1,1	1
	A3153-0.18	0,18	0,8	25	1,1	1
	A3153-0.19	0,19	0,8	25	1,1	1
	A3153-0.2	0,2	1,1	25	1,5	1
	A3153-0.21	0,21	1,1	25	1,5	1
	A3153-0.23	0,23	1,1	25	1,5	1
	A3153-0.24	0,24	1,1	25	1,5	1
	A3153-0.25	0,25	1,4	25	1,9	1
	A3153-0.26	0,26	1,4	25	1,9	1
	A3153-0.27	0,27	1,4	25	1,9	1
	A3153-0.28	0,28	1,4	25	1,9	1
	A3153-0.3	0,3	1,4	25	1,9	1
	A3153-0.31	0,31	1,8	25	2,4	1
	A3153-0.32	0,32	1,8	25	2,4	1
	A3153-0.33	0,33	1,8	25	2,4	1
	A3153-0.34	0,34	1,8	25	2,4	1
	A3153-0.35	0,35	1,8	25	2,4	1
	A3153-0.37	0,37	1,8	25	2,4	1
	A3153-0.38	0,38	1,8	25	2,4	1
	A3153-0.4	0,4	2,2	25	3	1
	A3153-0.41	0,41	2,2	25	3	1
	A3153-0.43	0,43	2,2	25	3	1
	A3153-0.45	0,45	2,2	25	3	1
	A3153-0.47	0,47	2,2	25	3	1
	A3153-0.48	0,48	2,2	25	3	1
	A3153-0.49	0,49	2,6	25	3,4	1
	A3153-0.5	0,5	2,6	25	3,4	1
	A3153-0.52	0,52	2,6	25	3,4	1
	A3153-0.53	0,53	2,6	25	3,4	1
	A3153-0.54	0,54	3	25	3,9	1
	A3153-0.55	0,55	3	25	3,9	1
	A3153-0.56	0,56	3	25	3,9	1
	A3153-0.57	0,57	3	25	3,9	1
	A3153-0.58	0,58	3	25	3,9	1
	A3153-0.59	0,59	3	25	3,9	1

**WALTER
SELECT**

●● Primary application ● Other application
Best tool for → Good = 😊 → Average = 😐 → Poor = 😞 machining conditions

Tool	Designation	D_c	L_c	l_1	l_2	d_1
		0-0,004 mm	mm	mm	mm	h8 mm
 Cylindrical shank	A3153-0.6	0,6	3	25	3,9	1
	A3153-0.61	0,61	3,1	25	4,2	1
	A3153-0.62	0,62	3,1	25	4,2	1
	A3153-0.63	0,63	3,1	25	4,2	1
	A3153-0.65	0,65	3,1	25	4,2	1
	A3153-0.67	0,67	3,1	25	4,2	1
	A3153-0.68	0,68	3,6	25	4,8	1
	A3153-0.7	0,7	3,6	25	4,8	1
	A3153-0.72	0,72	3,6	25	4,8	1
	A3153-0.73	0,73	3,6	25	4,8	1
	A3153-0.74	0,74	3,6	25	4,8	1
	A3153-0.75	0,75	3,6	25	4,8	1
	A3153-0.76	0,76	4,1	25	5,3	1
	A3153-0.77	0,77	4,1	25	5,3	1
	A3153-0.78	0,78	4,1	25	5,3	1
	A3153-0.8	0,8	4	25	5,3	1,5
	A3153-0.82	0,82	4	25	5,3	1,5
	A3153-0.83	0,83	4	25	5,3	1,5
	A3153-0.84	0,84	4	25	5,3	1,5
	A3153-0.85	0,85	4	25	5,3	1,5
	A3153-0.87	0,87	4,5	25	6	1,5
	A3153-0.89	0,89	4,5	25	6	1,5
	A3153-0.9	0,9	4,5	25	6	1,5
	A3153-0.91	0,91	4,5	25	6	1,5
	A3153-0.92	0,92	4,5	25	6	1,5
	A3153-0.93	0,93	4,5	25	6	1,5
	A3153-0.94	0,94	4,5	25	6	1,5
	A3153-0.95	0,95	4,5	25	6	1,5
	A3153-0.96	0,96	5	25	6,8	1,5
	A3153-0.97	0,97	5	25	6,8	1,5
	A3153-0.98	0,98	5	25	6,8	1,5
	A3153-1	1	5	25	6,8	1,5
	A3153-1.05	1,05	5	25	6,8	1,5
	A3153-1.1	1,1	5	25	7,6	1,5
	A3153-1.15	1,15	5	25	7,6	1,5
	A3153-1.2	1,2	6	25	8,5	1,5
	A3153-1.3	1,3	6	25	8,5	1,5
	A3153-1.4	1,4	7	25	9,5	1,5

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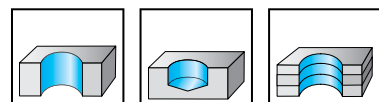
**WALTER
SELECT**

●● Primary application ● Other application
 Best tool for → Good = 😊 → Average = 😐 → Poor = ☹️ machining conditions

HSS-E deep-hole drills

A1249XPL

UFL®


~8×D_c

DIN 338



130°

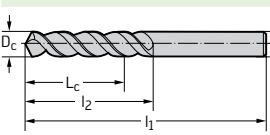
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	P	M	K	N	S	H	O
XPL	●●	●●	●●	●●	●		●

Tool	Designation	D _c h8 mm	D _c Inch/Nr	L _c mm	l ₁ mm	l ₂ mm	d ₁ f11 mm
 Cylindrical shank	A1249XPL-1	1		10	34	12	1
	A1249XPL-N060	1,016	No. 60	10	34	12	1,016
	A1249XPL-N059	1,041	No. 59	10	34	12	1,041
	A1249XPL-N058	1,067	No. 58	12	36	14	1,067
	A1249XPL-N057	1,092	No. 57	12	36	14	1,092
	A1249XPL-1.1	1,1		12	36	14	1,1
	A1249XPL-N056	1,181	No. 56	14	38	16	1,181
	A1249XPL-3/64IN	1,191	3/64"	14	38	16	1,191
	A1249XPL-1.2	1,2		14	38	16	1,2
	A1249XPL-1.3	1,3		14	38	16	1,3
	A1249XPL-N055	1,321	No. 55	15	40	18	1,321
	A1249XPL-N054	1,397	No. 54	15	40	18	1,397
	A1249XPL-1.4	1,4		15	40	18	1,4
	A1249XPL-1.5	1,5		15	40	18	1,5
	A1249XPL-N053	1,511	No. 53	17	43	20	1,511
	A1249XPL-1/16IN	1,588	1/16"	17	43	20	1,588
	A1249XPL-1.6	1,6		17	43	20	1,6
	A1249XPL-N052	1,613	No. 52	17	43	20	1,613
	A1249XPL-1.7	1,7		17	43	20	1,7
	A1249XPL-N051	1,702	No. 51	19	46	22	1,702
	A1249XPL-N050	1,778	No. 50	19	46	22	1,778
	A1249XPL-1.8	1,8		19	46	22	1,8
	A1249XPL-N049	1,854	No. 49	19	46	22	1,854
	A1249XPL-1.9	1,9		19	46	22	1,9
	A1249XPL-N048	1,930	No. 48	20	49	24	1,93
	A1249XPL-5/64IN	1,984	5/64"	20	49	24	1,984
	A1249XPL-N047	1,994	No. 47	20	49	24	1,994
	A1249XPL-2	2		20	49	24	2
	A1249XPL-N046	2,057	No. 46	20	49	24	2,057
	A1249XPL-N045	2,083	No. 45	20	49	24	2,083
	A1249XPL-2.1	2,1		20	49	24	2,1
	A1249XPL-N044	2,184	No. 44	23	53	27	2,184
	A1249XPL-2.2	2,2		23	53	27	2,2
	A1249XPL-N043	2,261	No. 43	23	53	27	2,261
	A1249XPL-2.3	2,3		23	53	27	2,3
	A1249XPL-N042	2,375	No. 42	26	57	30	2,375

WALTER
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●● Primary application ● Other application
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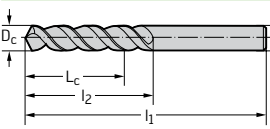
Tool	Designation	D _c h8 mm	D _c Inch/Nr	L _c mm	l ₁ mm	l ₂ mm	d ₁ f11 mm
	A1249XPL-3/32IN	2,381	3/32"	26	57	30	2,381
	A1249XPL-2.4	2,4		26	57	30	2,4
Cylindrical shank	A1249XPL-NO41	2,438	No. 41	26	57	30	2,438
	A1249XPL-NO40	2,489	No. 40	26	57	30	2,489
	A1249XPL-2.5	2,5		26	57	30	2,5
	A1249XPL-NO39	2,527	No. 39	26	57	30	2,527
	A1249XPL-NO38	2,578	No. 38	26	57	30	2,578
	A1249XPL-2.6	2,6		26	57	30	2,6
	A1249XPL-NO37	2,642	No. 37	26	57	30	2,642
	A1249XPL-2.7	2,7		28	61	33	2,7
	A1249XPL-NO36	2,705	No. 36	28	61	33	2,705
	A1249XPL-7/64IN	2,778	7/64"	28	61	33	2,778
	A1249XPL-NO35	2,794	No. 35	28	61	33	2,794
	A1249XPL-2.8	2,8		28	61	33	2,8
	A1249XPL-NO34	2,819	No. 34	28	61	33	2,819
	A1249XPL-NO33	2,870	No. 33	28	61	33	2,87
	A1249XPL-2.9	2,9		28	61	33	2,9
	A1249XPL-NO32	2,946	No. 32	28	61	33	2,946
	A1249XPL-3	3		28	61	33	3
	A1249XPL-NO31	3,048	No. 31	30	65	36	3,048
	A1249XPL-3.1	3,1		30	65	36	3,1
	A1249XPL-1/8IN	3,175	1/8"	30	65	36	3,175
	A1249XPL-3.2	3,2		30	65	36	3,2
	A1249XPL-NO30	3,264	No. 30	30	65	36	3,264
	A1249XPL-3.3	3,3		30	65	36	3,3
	A1249XPL-3.4	3,4		33	70	39	3,4
	A1249XPL-NO29	3,454	No. 29	33	70	39	3,454
	A1249XPL-3.5	3,5		33	70	39	3,5
	A1249XPL-NO28	3,569	No. 28	33	70	39	3,569
	A1249XPL-9/64IN	3,572	9/64"	33	70	39	3,572
	A1249XPL-3.6	3,6		33	70	39	3,6
	A1249XPL-NO27	3,658	No. 27	33	70	39	3,658
	A1249XPL-3.7	3,7		33	70	39	3,7
	A1249XPL-NO26	3,734	No. 26	33	70	39	3,734
	A1249XPL-NO25	3,797	No. 25	36	75	43	3,797
	A1249XPL-3.8	3,8		36	75	43	3,8
	A1249XPL-NO24	3,861	No. 24	36	75	43	3,861
	A1249XPL-3.9	3,9		36	75	43	3,9
	A1249XPL-NO23	3,912	No. 23	36	75	43	3,912
	A1249XPL-5/32IN	3,969	5/32"	36	75	43	3,969
	A1249XPL-NO22	3,988	No. 22	36	75	43	3,988
	A1249XPL-4	4		36	75	43	4
	A1249XPL-NO21	4,039	No. 21	36	75	43	4,039
	A1249XPL-NO20	4,089	No. 20	36	75	43	4,089
	A1249XPL-4.1	4,1		36	75	43	4,1
	A1249XPL-4.2	4,2		36	75	43	4,2

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**WALTER
SELECT**

●● Primary application ● Other application
 Best tool for → Good = 😊 → Average = 😐 → Poor = ☹️ machining conditions

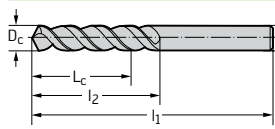
Tool	Designation	D _c h8 mm	D _c Inch/Nr	L _c mm	l ₁ mm	l ₂ mm	d ₁ f11 mm
	A1249XPL-N019	4,216	No. 19	36	75	43	4,216
	A1249XPL-4.3	4,3		39	80	47	4,3
	A1249XPL-N018	4,305	No. 18	39	80	47	4,305
	A1249XPL-11/64IN	4,366	11/64"	39	80	47	4,366
	A1249XPL-N017	4,394	No. 17	39	80	47	4,394
	A1249XPL-4.4	4,4		39	80	47	4,4
	A1249XPL-N016	4,496	No. 16	39	80	47	4,496
	A1249XPL-4.5	4,5		39	80	47	4,5
	A1249XPL-N015	4,572	No. 15	39	80	47	4,572
	A1249XPL-4.6	4,6		39	80	47	4,6
	A1249XPL-N014	4,623	No. 14	39	80	47	4,623
	A1249XPL-4.65	4,65		39	80	47	4,65
	A1249XPL-N013	4,699	No. 13	39	80	47	4,699
	A1249XPL-4.7	4,7		39	80	47	4,7
	A1249XPL-3/16IN	4,763	3/16"	44	86	52	4,763
	A1249XPL-4.8	4,8		44	86	52	4,8
	A1249XPL-N012	4,801	No. 12	44	86	52	4,801
	A1249XPL-N011	4,851	No. 11	44	86	52	4,851
	A1249XPL-4.9	4,9		44	86	52	4,9
	A1249XPL-N010	4,915	No. 10	44	86	52	4,915
	A1249XPL-N09	4,978	No. 09	44	86	52	4,978
	A1249XPL-5	5		44	86	52	5
	A1249XPL-N08	5,055	No. 08	44	86	52	5,055
	A1249XPL-5.1	5,1		44	86	52	5,1
	A1249XPL-N07	5,105	No. 07	44	86	52	5,105
	A1249XPL-13/64IN	5,159	13/64"	44	86	52	5,159
	A1249XPL-N06	5,182	No. 06	44	86	52	5,182
	A1249XPL-5.2	5,2		44	86	52	5,2
	A1249XPL-N05	5,220	No. 05	44	86	52	5,22
	A1249XPL-5.3	5,3		44	86	52	5,3
	A1249XPL-N04	5,309	No. 04	48	93	57	5,309
	A1249XPL-5.4	5,4		48	93	57	5,4
	A1249XPL-N03	5,410	No. 03	48	93	57	5,41
	A1249XPL-5.5	5,5		48	93	57	5,5
	A1249XPL-5.55	5,55		48	93	57	5,55
	A1249XPL-7/32IN	5,556	7/32"	48	93	57	5,556
	A1249XPL-5.6	5,6		48	93	57	5,6
	A1249XPL-N02	5,613	No. 02	48	93	57	5,613
	A1249XPL-5.7	5,7		48	93	57	5,7
	A1249XPL-N01	5,791	No. 01	48	93	57	5,791
	A1249XPL-5.8	5,8		48	93	57	5,8
	A1249XPL-5.9	5,9		48	93	57	5,9
	A1249XPL-15/64IN	5,953	15/64"	48	93	57	5,953
	A1249XPL-6	6		48	93	57	6
	A1249XPL-6.1	6,1		52	101	63	6,1
	A1249XPL-6.2	6,2		52	101	63	6,2

Tool	Designation	D _c h8 mm	D _c Inch/Nr	L _c mm	l ₁ mm	l ₂ mm	d ₁ f11 mm
	A1249XPL-6.3	6,3		52	101	63	6,3
	A1249XPL-1/4IN	6,350	1/4"	52	101	63	6,35
	A1249XPL-6.4	6,4		52	101	63	6,4
	A1249XPL-6.5	6,5		52	101	63	6,5
	A1249XPL-6.6	6,6		52	101	63	6,6
	A1249XPL-6.7	6,7		52	101	63	6,7
	A1249XPL-17/64IN	6,747	17/64"	57	109	69	6,747
	A1249XPL-6.8	6,8		57	109	69	6,8
	A1249XPL-6.9	6,9		57	109	69	6,9
	A1249XPL-7	7		57	109	69	7
	A1249XPL-7.1	7,1		57	109	69	7,1
	A1249XPL-9/32IN	7,144	9/32"	57	109	69	7,144
	A1249XPL-7.2	7,2		57	109	69	7,2
	A1249XPL-7.3	7,3		57	109	69	7,3
	A1249XPL-7.4	7,4		57	109	69	7,4
	A1249XPL-7.5	7,5		57	109	69	7,5
	A1249XPL-19/64IN	7,541	19/64"	62	117	75	7,541
	A1249XPL-7.6	7,6		62	117	75	7,6
	A1249XPL-7.7	7,7		62	117	75	7,7
	A1249XPL-7.8	7,8		62	117	75	7,8
	A1249XPL-7.9	7,9		62	117	75	7,9
	A1249XPL-5/16IN	7,938	5/16"	62	117	75	7,938
	A1249XPL-8	8		62	117	75	8
	A1249XPL-8.1	8,1		62	117	75	8,1
	A1249XPL-8.2	8,2		62	117	75	8,2
	A1249XPL-8.3	8,3		62	117	75	8,3
	A1249XPL-21/64IN	8,334	21/64"	62	117	75	8,334
	A1249XPL-8.4	8,4		62	117	75	8,4
	A1249XPL-8.5	8,5		62	117	75	8,5
	A1249XPL-8.6	8,6		66	125	81	8,6
	A1249XPL-8.7	8,7		66	125	81	8,7
	A1249XPL-11/32IN	8,731	11/32"	66	125	81	8,731
	A1249XPL-8.8	8,8		66	125	81	8,8
	A1249XPL-8.9	8,9		66	125	81	8,9
	A1249XPL-9	9		66	125	81	9
	A1249XPL-9.1	9,1		66	125	81	9,1
	A1249XPL-23/64IN	9,128	23/64"	66	125	81	9,128
	A1249XPL-9.2	9,2		66	125	81	9,2
	A1249XPL-9.3	9,3		66	125	81	9,3
	A1249XPL-9.4	9,4		66	125	81	9,4
	A1249XPL-9.5	9,5		66	125	81	9,5
	A1249XPL-3/8IN	9,525	3/8"	71	133	87	9,525
	A1249XPL-9.6	9,6		71	133	87	9,6
	A1249XPL-9.7	9,7		71	133	87	9,7
	A1249XPL-9.8	9,8		71	133	87	9,8
	A1249XPL-9.9	9,9		71	133	87	9,9

B1

**WALTER
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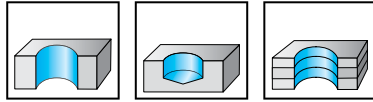
●● Primary application ● Other application
 Best tool for → Good = 😊 → Average = 😐 → Poor = ☹️ machining conditions

Tool	Designation	D _c h8 mm	D _c Inch/Nr	L _c mm	l ₁ mm	l ₂ mm	d ₁ f11 mm
 Cylindrical shank	A1249XPL-25/64IN	9,922	25/64"	71	133	87	9,922
	A1249XPL-10	10		71	133	87	10
	A1249XPL-10.2	10,2		71	133	87	10,2
	A1249XPL-13/32IN	10,319	13/32"	71	133	87	10,319
	A1249XPL-10.5	10,5		71	133	87	10,5
	A1249XPL-27/64IN	10,716	27/64"	76	142	94	10,716
	A1249XPL-11	11		76	142	94	11
	A1249XPL-7/16IN	11,113	7/16"	76	142	94	11,113
	A1249XPL-11.2	11,2		76	142	94	11,2
	A1249XPL-11.3	11,3		76	142	94	11,3
	A1249XPL-11.5	11,5		76	142	94	11,5
	A1249XPL-29/64IN	11,509	29/64"	76	142	94	11,509
	A1249XPL-15/32IN	11,906	15/32"	87	151	101	11,906
	A1249XPL-12	12		87	151	101	12
	A1249XPL-31/64IN	12,303	31/64"	87	151	101	12,303
	A1249XPL-12.5	12,5		87	151	101	12,5
	A1249XPL-1/2IN	12,700	1/2"	87	151	101	12,7
	A1249XPL-13	13		87	151	101	13
	A1249XPL-13.1	13,1		87	151	101	13,1
	A1249XPL-13.3	13,3		94	160	108	13,3
	A1249XPL-13.5	13,5		94	160	108	13,5
	A1249XPL-14	14		94	160	108	14
	A1249XPL-14.5	14,5		99	169	114	14,5
	A1249XPL-15	15		99	169	114	15
	A1249XPL-15.1	15,1		104	178	120	15,1
	A1249XPL-15.3	15,3		104	178	120	15,3
	A1249XPL-15.5	15,5		104	178	120	15,5
	A1249XPL-16	16		104	178	120	16
	A1249XPL-16.5	16,5		108	184	125	16,5
	A1249XPL-17	17		108	184	125	17
	A1249XPL-17.5	17,5		112	191	130	17,5
	A1249XPL-18	18		112	191	130	18
	A1249XPL-18.5	18,5		116	198	135	18,5
	A1249XPL-19	19		116	198	135	19
	A1249XPL-19.5	19,5		120	205	140	19,5
	A1249XPL-20	20		120	205	140	20

HSS-E deep-hole drills

A1254TFT

VA Inox



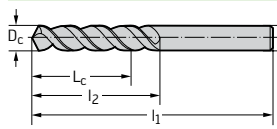
	P	M	K	N	S	H	O
TFT	●	●●	●●	●●	●		●

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Tool	Designation	D _c h8 mm	L _c mm	l ₁ mm	l ₂ mm	d ₁ f11 mm
Cylindrical shank	A1254TFT-3	3	28	61	33	3
	A1254TFT-3.2	3,2	30	65	36	3,2
	A1254TFT-3.3	3,3	30	65	36	3,3
	A1254TFT-3.4	3,4	33	70	39	3,4
	A1254TFT-3.5	3,5	33	70	39	3,5
	A1254TFT-3.7	3,7	33	70	39	3,7
	A1254TFT-3.8	3,8	36	75	43	3,8
	A1254TFT-4	4	36	75	43	4
	A1254TFT-4.2	4,2	36	75	43	4,2
	A1254TFT-4.3	4,3	39	80	47	4,3
	A1254TFT-4.5	4,5	39	80	47	4,5
	A1254TFT-4.65	4,65	39	80	47	4,65
	A1254TFT-4.7	4,7	39	80	47	4,7
	A1254TFT-4.8	4,8	44	86	52	4,8
	A1254TFT-5	5	44	86	52	5
	A1254TFT-5.1	5,1	44	86	52	5,1
	A1254TFT-5.3	5,3	44	86	52	5,3
	A1254TFT-5.5	5,5	48	93	57	5,5
	A1254TFT-5.55	5,55	48	93	57	5,55
	A1254TFT-5.6	5,6	48	93	57	5,6
	A1254TFT-5.8	5,8	48	93	57	5,8
	A1254TFT-6	6	48	93	57	6
	A1254TFT-6.5	6,5	52	101	63	6,5
	A1254TFT-6.6	6,6	52	101	63	6,6
	A1254TFT-6.8	6,8	57	109	69	6,8
	A1254TFT-6.9	6,9	57	109	69	6,9
	A1254TFT-7	7	57	109	69	7
	A1254TFT-7.4	7,4	57	109	69	7,4
	A1254TFT-7.5	7,5	57	109	69	7,5
	A1254TFT-7.8	7,8	62	117	75	7,8
	A1254TFT-8	8	62	117	75	8
	A1254TFT-8.5	8,5	62	117	75	8,5
	A1254TFT-8.6	8,6	66	125	81	8,6
	A1254TFT-8.8	8,8	66	125	81	8,8
	A1254TFT-9	9	66	125	81	9
	A1254TFT-9.3	9,3	66	125	81	9,3

WALTER
SELECT

●● Primary application ● Other application
 Best tool for → Good = 😊 → Average = 😐 → Poor = ☹️ machining conditions

Tool	Designation	D _c h8 mm	L _c mm	l ₁ mm	l ₂ mm	d ₁ f11 mm
 Cylindrical shank	A1254TFT-9.4	9,4	66	125	81	9,4
	A1254TFT-9.5	9,5	66	125	81	9,5
	A1254TFT-9.8	9,8	71	133	87	9,8
	A1254TFT-10	10	71	133	87	10
	A1254TFT-10.2	10,2	71	133	87	10,2
	A1254TFT-10.3	10,3	71	133	87	10,3
	A1254TFT-10.5	10,5	71	133	87	10,5
	A1254TFT-11	11	76	142	94	11
	A1254TFT-11.2	11,2	76	142	94	11,2
	A1254TFT-11.3	11,3	76	142	94	11,3
	A1254TFT-11.5	11,5	76	142	94	11,5
	A1254TFT-11.8	11,8	76	142	94	11,8
	A1254TFT-12	12	87	151	101	12
	A1254TFT-12.1	12,1	87	151	101	12,1
	A1254TFT-12.5	12,5	87	151	101	12,5
	A1254TFT-13	13	87	151	101	13
	A1254TFT-13.2	13,2	87	151	101	13,2
	A1254TFT-13.5	13,5	94	160	108	13,5
	A1254TFT-14	14	94	160	108	14
	A1254TFT-14.1	14,1	99	169	114	14,1
	A1254TFT-14.2	14,2	99	169	114	14,2
	A1254TFT-14.5	14,5	99	169	114	14,5
	A1254TFT-15	15	99	169	114	15
	A1254TFT-15.1	15,1	104	178	120	15,1
	A1254TFT-15.2	15,2	104	178	120	15,2
	A1254TFT-15.5	15,5	104	178	120	15,5
	A1254TFT-16	16	104	178	120	16

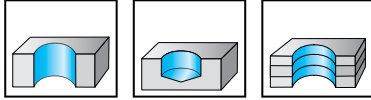
HSS-E twist drills

A1247

Alpha® XE



– Uncoated up to 1.9 mm



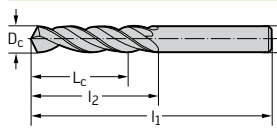
	P	M	K	N	S	H	O
uncoated	●●	●●	●●	●●	●●		●

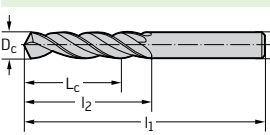
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Tool	Designation	D _c h8 mm	D _c Inch/Nr	L _c mm	l ₁ mm	l ₂ mm	d ₁ f11 mm
	A1247-1	1		10	34	12	1
	A1247-N060	1,016	No. 60	10	34	12	1,016
	A1247-N059	1,041	No. 59	10	34	12	1,041
Cylindrical shank	A1247-N058	1,067	No. 58	12	36	14	1,067
	A1247-N057	1,092	No. 57	12	36	14	1,092
	A1247-1.1	1,1		12	36	14	1,1
	A1247-N056	1,181	No. 56	14	38	16	1,181
	A1247-3/64IN	1,191	3/64"	14	38	16	1,191
	A1247-1.2	1,2		14	38	16	1,2
	A1247-1.25	1,25		14	38	16	1,25
	A1247-1.3	1,3		14	38	16	1,3
	A1247-N055	1,321	No. 55	15	40	18	1,321
	A1247-N054	1,397	No. 54	15	40	18	1,397
	A1247-1.4	1,4		15	40	18	1,4
	A1247-1.5	1,5		15	40	18	1,5
	A1247-N053	1,511	No. 53	17	43	20	1,511
	A1247-1/16IN	1,588	1/16"	17	43	20	1,588
	A1247-1.6	1,6		17	43	20	1,6
	A1247-N052	1,613	No. 52	17	43	20	1,613
	A1247-1.7	1,7		17	43	20	1,7
	A1247-N051	1,702	No. 51	19	46	22	1,702
	A1247-N050	1,778	No. 50	19	46	22	1,778
	A1247-1.8	1,8		19	46	22	1,8
	A1247-N049	1,854	No. 49	19	46	22	1,854
	A1247-1.9	1,9		19	46	22	1,9
	A1247-N048	1,930	No. 48	20	49	24	1,93
	A1247-5/64IN	1,984	5/64"	20	49	24	1,984
	A1247-N047	1,994	No. 47	20	49	24	1,994
	A1247-2	2		20	49	24	2
	A1247-N046	2,057	No. 46	20	49	24	2,057
	A1247-N045	2,083	No. 45	20	49	24	2,083
	A1247-2.1	2,1		20	49	24	2,1
	A1247-N044	2,184	No. 44	23	53	27	2,184
	A1247-2.2	2,2		23	53	27	2,2
	A1247-N043	2,261	No. 43	23	53	27	2,261
	A1247-2.3	2,3		23	53	27	2,3

WALTER
SELECT

●● Primary application ● Other application
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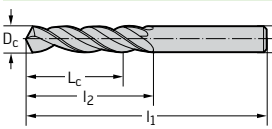
Tool	Designation	D _c h8 mm	D _c Inch/Nr	L _c mm	l ₁ mm	l ₂ mm	d ₁ f11 mm
	A1247-N042	2,375	No. 42	26	57	30	2,375
	A1247-3/32IN	2,381	3/32"	26	57	30	2,381
Cylindrical shank	A1247-2.4	2,4		26	57	30	2,4
	A1247-N041	2,438	No. 41	26	57	30	2,438
	A1247-N040	2,489	No. 40	26	57	30	2,489
	A1247-2.5	2,5		26	57	30	2,5
	A1247-N039	2,527	No. 39	26	57	30	2,527
	A1247-N038	2,578	No. 38	26	57	30	2,578
	A1247-2.6	2,6		26	57	30	2,6
	A1247-N037	2,642	No. 37	26	57	30	2,642
	A1247-2.7	2,7		28	61	33	2,7
	A1247-N036	2,705	No. 36	28	61	33	2,705
	A1247-7/64IN	2,778	7/64"	28	61	33	2,778
	A1247-N035	2,794	No. 35	28	61	33	2,794
	A1247-2.8	2,8		28	61	33	2,8
	A1247-N034	2,819	No. 34	28	61	33	2,819
	A1247-N033	2,870	No. 33	28	61	33	2,87
	A1247-2.9	2,9		28	61	33	2,9
	A1247-N032	2,946	No. 32	28	61	33	2,946
	A1247-3	3		28	61	33	3
	A1247-N031	3,048	No. 31	30	65	36	3,048
	A1247-3.1	3,1		30	65	36	3,1
	A1247-1/8IN	3,175	1/8"	30	65	36	3,175
	A1247-3.2	3,2		30	65	36	3,2
	A1247-N030	3,264	No. 30	30	65	36	3,264
	A1247-3.3	3,3		30	65	36	3,3
	A1247-3.4	3,4		33	70	39	3,4
	A1247-N029	3,454	No. 29	33	70	39	3,454
	A1247-3.5	3,5		33	70	39	3,5
	A1247-N028	3,569	No. 28	33	70	39	3,569
	A1247-9/64IN	3,572	9/64"	33	70	39	3,572
	A1247-3.6	3,6		33	70	39	3,6
	A1247-N027	3,658	No. 27	33	70	39	3,658
	A1247-3.7	3,7		33	70	39	3,7
	A1247-N026	3,734	No. 26	33	70	39	3,734
	A1247-N025	3,797	No. 25	36	75	43	3,797
	A1247-3.8	3,8		36	75	43	3,8
	A1247-N024	3,861	No. 24	36	75	43	3,861
	A1247-3.9	3,9		36	75	43	3,9
	A1247-N023	3,912	No. 23	36	75	43	3,912
	A1247-5/32IN	3,969	5/32"	36	75	43	3,969
	A1247-N022	3,988	No. 22	36	75	43	3,988
	A1247-4	4		36	75	43	4
	A1247-N021	4,039	No. 21	36	75	43	4,039
	A1247-N020	4,089	No. 20	36	75	43	4,089
	A1247-4.1	4,1		36	75	43	4,1

Tool	Designation	D _c h8 mm	D _c Inch/Nr	L _c mm	l ₁ mm	l ₂ mm	d ₁ f11 mm
	A1247-4.2	4,2		36	75	43	4,2
	A1247-N019	4,216	No. 19	36	75	43	4,216
Cylindrical shank	A1247-4.3	4,3		39	80	47	4,3
	A1247-N018	4,305	No. 18	39	80	47	4,305
	A1247-11/64IN	4,366	11/64"	39	80	47	4,366
	A1247-N017	4,394	No. 17	39	80	47	4,394
	A1247-4.4	4,4		39	80	47	4,4
	A1247-N016	4,496	No. 16	39	80	47	4,496
	A1247-4.5	4,5		39	80	47	4,5
	A1247-N015	4,572	No. 15	39	80	47	4,572
	A1247-4.6	4,6		39	80	47	4,6
	A1247-N014	4,623	No. 14	39	80	47	4,623
	A1247-N013	4,699	No. 13	39	80	47	4,699
	A1247-4.7	4,7		39	80	47	4,7
	A1247-3/16IN	4,763	3/16"	44	86	52	4,763
	A1247-4.8	4,8		44	86	52	4,8
	A1247-N012	4,801	No. 12	44	86	52	4,801
	A1247-N011	4,851	No. 11	44	86	52	4,851
	A1247-4.9	4,9		44	86	52	4,9
	A1247-N010	4,915	No. 10	44	86	52	4,915
	A1247-N09	4,978	No. 09	44	86	52	4,978
	A1247-5	5		44	86	52	5
	A1247-N08	5,055	No. 08	44	86	52	5,055
	A1247-5.1	5,1		44	86	52	5,1
	A1247-N07	5,105	No. 07	44	86	52	5,105
	A1247-13/64IN	5,159	13/64"	44	86	52	5,159
	A1247-N06	5,182	No. 06	44	86	52	5,182
	A1247-5.2	5,2		44	86	52	5,2
	A1247-N05	5,220	No. 05	44	86	52	5,22
	A1247-5.3	5,3		44	86	52	5,3
	A1247-N04	5,309	No. 04	48	93	57	5,309
	A1247-5.4	5,4		48	93	57	5,4
	A1247-N03	5,410	No. 03	48	93	57	5,41
	A1247-5.5	5,5		48	93	57	5,5
	A1247-7/32IN	5,556	7/32"	48	93	57	5,556
	A1247-5.6	5,6		48	93	57	5,6
	A1247-N02	5,613	No. 02	48	93	57	5,613
	A1247-5.7	5,7		48	93	57	5,7
	A1247-N01	5,791	No. 01	48	93	57	5,791
	A1247-5.8	5,8		48	93	57	5,8
	A1247-5.9	5,9		48	93	57	5,9
	A1247-15/64IN	5,953	15/64"	48	93	57	5,953
	A1247-6	6		48	93	57	6
	A1247-6.1	6,1		52	101	63	6,1
	A1247-6.2	6,2		52	101	63	6,2
	A1247-6.3	6,3		52	101	63	6,3

B1

**WALTER
SELECT**

●● Primary application ● Other application
 Best tool for → Good = 😊 → Average = 😐 → Poor = ☹️ machining conditions

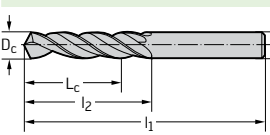
Tool	Designation	D _c h8 mm	D _c Inch/Nr	L _c mm	l ₁ mm	l ₂ mm	d ₁ f11 mm
	A1247-1/4IN	6,350	1/4"	52	101	63	6,35
	A1247-6.4	6,4		52	101	63	6,4
	A1247-6.5	6,5		52	101	63	6,5
	A1247-6.6	6,6		52	101	63	6,6
	A1247-6.7	6,7		52	101	63	6,7
	A1247-17/64IN	6,747	17/64"	57	109	69	6,747
	A1247-6.8	6,8		57	109	69	6,8
	A1247-6.9	6,9		57	109	69	6,9
	A1247-7	7		57	109	69	7
	A1247-7.1	7,1		57	109	69	7,1
	A1247-9/32IN	7,144	9/32"	57	109	69	7,144
	A1247-7.2	7,2		57	109	69	7,2
	A1247-7.3	7,3		57	109	69	7,3
	A1247-7.4	7,4		57	109	69	7,4
	A1247-7.5	7,5		57	109	69	7,5
	A1247-19/64IN	7,541	19/64"	62	117	75	7,541
	A1247-7.6	7,6		62	117	75	7,6
	A1247-7.7	7,7		62	117	75	7,7
	A1247-7.8	7,8		62	117	75	7,8
	A1247-7.9	7,9		62	117	75	7,9
	A1247-5/16IN	7,938	5/16"	62	117	75	7,938
	A1247-8	8		62	117	75	8
	A1247-8.1	8,1		62	117	75	8,1
	A1247-8.2	8,2		62	117	75	8,2
	A1247-8.3	8,3		62	117	75	8,3
	A1247-21/64IN	8,334	21/64"	62	117	75	8,334
	A1247-8.4	8,4		62	117	75	8,4
	A1247-8.5	8,5		62	117	75	8,5
	A1247-8.6	8,6		66	125	81	8,6
	A1247-8.7	8,7		66	125	81	8,7
	A1247-11/32IN	8,731	11/32"	66	125	81	8,731
	A1247-8.8	8,8		66	125	81	8,8
	A1247-8.9	8,9		66	125	81	8,9
	A1247-9	9		66	125	81	9
	A1247-9.1	9,1		66	125	81	9,1
	A1247-23/64IN	9,128	23/64"	66	125	81	9,128
	A1247-9.2	9,2		66	125	81	9,2
	A1247-9.3	9,3		66	125	81	9,3
	A1247-9.4	9,4		66	125	81	9,4
	A1247-9.5	9,5		66	125	81	9,5
	A1247-3/8IN	9,525	3/8"	71	133	87	9,525
	A1247-9.6	9,6		71	133	87	9,6
	A1247-9.7	9,7		71	133	87	9,7
	A1247-9.8	9,8		71	133	87	9,8
	A1247-9.9	9,9		71	133	87	9,9
	A1247-25/64IN	9,922	25/64"	71	133	87	9,922

Cylindrical shank

B1

WALTER
SELECT

●● Primary application ● Other application
 Best tool for → Good = 😊 → Average = 😐 → Poor = ☹️ machining conditions

Tool	Designation	D _c h8 mm	D _c Inch/Nr	L _c mm	l ₁ mm	l ₂ mm	d ₁ f11 mm
	A1247-10	10		71	133	87	10
	A1247-10.2	10,2		71	133	87	10,2
Cylindrical shank	A1247-13/32IN	10,319	13/32"	71	133	87	10,319
	A1247-10.5	10,5		71	133	87	10,5
	A1247-27/64IN	10,716	27/64"	76	142	94	10,716
	A1247-10.8	10,8		76	142	94	10,8
	A1247-11	11		76	142	94	11
	A1247-7/16IN	11,113	7/16"	76	142	94	11,113
	A1247-11.2	11,2		76	142	94	11,2
	A1247-11.5	11,5		76	142	94	11,5
	A1247-29/64IN	11,509	29/64"	76	142	94	11,509
	A1247-11.8	11,8		76	142	94	11,8
	A1247-15/32IN	11,906	15/32"	87	151	101	11,906
	A1247-12	12		87	151	101	12
	A1247-31/64IN	12,303	31/64"	87	151	101	12,303
	A1247-12.5	12,5		87	151	101	12,5
	A1247-1/2IN	12,700	1/2"	87	151	101	12,7
	A1247-13	13		87	151	101	13
	A1247-13.1	13,1		87	151	101	13,1
	A1247-13.3	13,3		94	160	108	13,3
	A1247-13.5	13,5		94	160	108	13,5
	A1247-14	14		94	160	108	14
	A1247-14.5	14,5		99	169	114	14,5
	A1247-15	15		99	169	114	15
	A1247-15.1	15,1		104	178	120	15,1
	A1247-15.3	15,3		104	178	120	15,3
	A1247-15.5	15,5		104	178	120	15,5
	A1247-16	16		104	178	120	16

B1

**WALTER
SELECT**

●● Primary application ● Other application
 Best tool for → Good = 😊 → Average = 😐 → Poor = ☹️ machining conditions

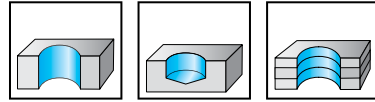
HSS-E twist drills

A1244

VA



– Available as a set

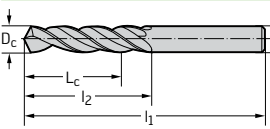


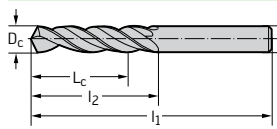
	P	M	K	N	S	H	O
uncoated	●	●●	●	●	●●	●	●

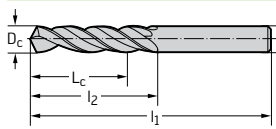
Tool	Designation	D _c h8 mm	D _c Inch/Nr	L _c mm	l ₁ mm	l ₂ mm	d ₁ f11 mm
 Cylindrical shank	A1244-0.3	0,3		2,5	19	3	0,3
	A1244-N080	0,343		3,4	19	4	0,343
	A1244-0.35	0,35		3,4	19	4	0,35
	A1244-1/64IN	0,397		4,2	20	5	0,397
	A1244-0.4	0,4		4,2	20	5	0,4
	A1244-N078	0,406		4,2	20	5	0,406
	A1244-0.45	0,45		4,2	20	5	0,45
	A1244-N077	0,457		4,2	20	5	0,457
	A1244-0.5	0,5		5,2	22	6	0,5
	A1244-N076	0,508	No.76	5,2	22	6	0,508
	A1244-N075	0,533		6,1	24	7	0,533
	A1244-0.55	0,55		6,1	24	7	0,55
	A1244-N074	0,572		6,1	24	7	0,572
	A1244-0.6	0,6		6,1	24	7	0,6
	A1244-N073	0,610		6,9	26	8	0,61
	A1244-N072	0,635	No.72	6,9	26	8	0,635
	A1244-0.65	0,65		6,9	26	8	0,65
	A1244-N071	0,660		6,9	26	8	0,66
	A1244-0.7	0,7		7,8	28	9	0,7
	A1244-N070	0,711		7,8	28	9	0,711
	A1244-N069	0,742		7,8	28	9	0,742
	A1244-0.75	0,75		7,8	28	9	0,75
	A1244-N068	0,787		8,7	30	10	0,787
	A1244-1/32IN	0,794	1/32"	8,7	30	10	0,794
	A1244-0.8	0,8		8,7	30	10	0,8
	A1244-N067	0,813		8,7	30	10	0,813
	A1244-N066	0,838		8,7	30	10	0,838
	A1244-0.85	0,85		8,7	30	10	0,85
	A1244-N065	0,889	No.65	9,5	32	11	0,889
	A1244-0.9	0,9		9,5	32	11	0,9
	A1244-N064	0,914		9,5	32	11	0,914
	A1244-N063	0,940		9,5	32	11	0,94
	A1244-0.95	0,95		9,5	32	11	0,95
	A1244-N062	0,965		10	34	12	0,965
	A1244-N061	0,991		10	34	12	0,991
	A1244-1	1		10	34	12	1

**WALTER
SELECT**

●● Primary application ● Other application
Best tool for → Good = 😊 → Average = 😐 → Poor = 😞 machining conditions

Tool	Designation	D _c h8 mm	D _c Inch/Nr	L _c mm	l ₁ mm	l ₂ mm	d ₁ f11 mm
	A1244-N060	1,016	No. 60	10	34	12	1,016
	A1244-N059	1,041	No. 59	10	34	12	1,041
Cylindrical shank	A1244-1.05	1,05		10	34	12	1,05
	A1244-N058	1,067	No. 58	12	36	14	1,067
	A1244-N057	1,092	No. 57	12	36	14	1,092
	A1244-1.1	1,1		12	36	14	1,1
	A1244-1.15	1,15		12	36	14	1,15
	A1244-N056	1,181	No. 56	14	38	16	1,181
	A1244-3/64IN	1,191	3/64"	14	38	16	1,191
	A1244-1.2	1,2		14	38	16	1,2
	A1244-1.25	1,25		14	38	16	1,25
	A1244-1.3	1,3		14	38	16	1,3
	A1244-N055	1,321	No. 55	15	40	18	1,321
	A1244-1.35	1,35		15	40	18	1,35
	A1244-N054	1,397	No. 54	15	40	18	1,397
	A1244-1.4	1,4		15	40	18	1,4
	A1244-1.45	1,45		15	40	18	1,45
	A1244-1.5	1,5		15	40	18	1,5
	A1244-N053	1,511	No. 53	17	43	20	1,511
	A1244-1.55	1,55		17	43	20	1,55
	A1244-1/16IN	1,588	1/16"	17	43	20	1,588
	A1244-1.6	1,6		17	43	20	1,6
	A1244-N052	1,613	No. 52	17	43	20	1,613
	A1244-1.65	1,65		17	43	20	1,65
	A1244-1.7	1,7		17	43	20	1,7
	A1244-N051	1,702	No. 51	19	46	22	1,702
	A1244-1.75	1,75		19	46	22	1,75
	A1244-N050	1,778	No. 50	19	46	22	1,778
	A1244-1.8	1,8		19	46	22	1,8
	A1244-1.85	1,85		19	46	22	1,85
	A1244-N049	1,854	No. 49	19	46	22	1,854
	A1244-1.9	1,9		19	46	22	1,9
	A1244-N048	1,930	No. 48	20	49	24	1,93
	A1244-1.95	1,95		20	49	24	1,95
	A1244-5/64IN	1,984	5/64"	20	49	24	1,984
	A1244-N047	1,994	No. 47	20	49	24	1,994
	A1244-2	2		20	49	24	2
	A1244-2.05	2,05		20	49	24	2,05
	A1244-N046	2,057	No. 46	20	49	24	2,057
	A1244-N045	2,083	No. 45	20	49	24	2,083
	A1244-2.1	2,1		20	49	24	2,1
	A1244-2.15	2,15		23	53	27	2,15
	A1244-N044	2,184	No. 44	23	53	27	2,184
	A1244-2.2	2,2		23	53	27	2,2
	A1244-2.25	2,25		23	53	27	2,25
	A1244-2.3	2,3		23	53	27	2,3

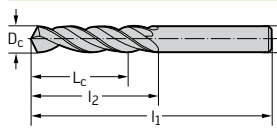
Tool	Designation	D _c h8 mm	D _c Inch/Nr	L _c mm	l ₁ mm	l ₂ mm	d ₁ f11 mm
	A1244-2.35	2,35		23	53	27	2,35
	A1244-N042	2,375	No. 42	26	57	30	2,375
	A1244-3/32IN	2,381	3/32"	26	57	30	2,381
	A1244-2.4	2,4		26	57	30	2,4
	A1244-N041	2,438	No. 41	26	57	30	2,438
	A1244-2.45	2,45		26	57	30	2,45
	A1244-N040	2,489	No. 40	26	57	30	2,489
	A1244-2.5	2,5		26	57	30	2,5
	A1244-N039	2,527	No. 39	26	57	30	2,527
	A1244-2.55	2,55		26	57	30	2,55
	A1244-N038	2,578	No. 38	26	57	30	2,578
	A1244-2.6	2,6		26	57	30	2,6
	A1244-N037	2,642	No. 37	26	57	30	2,642
	A1244-2.65	2,65		26	57	30	2,65
	A1244-2.7	2,7		28	61	33	2,7
	A1244-2.75	2,75		28	61	33	2,75
	A1244-7/64IN	2,778	7/64"	28	61	33	2,778
	A1244-2.8	2,8		28	61	33	2,8
	A1244-N034	2,819	No. 34	28	61	33	2,819
	A1244-2.85	2,85		28	61	33	2,85
	A1244-N033	2,870	No. 33	28	61	33	2,87
	A1244-2.9	2,9		28	61	33	2,9
	A1244-N032	2,946	No. 32	28	61	33	2,946
	A1244-2.95	2,95		28	61	33	2,95
	A1244-3	3		28	61	33	3
	A1244-N031	3,048	No. 31	30	65	36	3,048
	A1244-3.1	3,1		30	65	36	3,1
	A1244-1/8IN	3,175	1/8"	30	65	36	3,175
	A1244-3.2	3,2		30	65	36	3,2
	A1244-N030	3,264	No. 30	30	65	36	3,264
	A1244-3.3	3,3		30	65	36	3,3
	A1244-3.4	3,4		33	70	39	3,4
	A1244-N029	3,454	No. 29	33	70	39	3,454
	A1244-3.5	3,5		33	70	39	3,5
	A1244-N028	3,569	No. 28	33	70	39	3,569
	A1244-9/64IN	3,572	9/64"	33	70	39	3,572
	A1244-3.6	3,6		33	70	39	3,6
	A1244-3.65	3,65		33	70	39	3,65
	A1244-N027	3,658	No. 27	33	70	39	3,658
	A1244-3.7	3,7		33	70	39	3,7
	A1244-N026	3,734	No. 26	33	70	39	3,734
	A1244-N025	3,797	No. 25	36	75	43	3,797
	A1244-3.8	3,8		36	75	43	3,8
	A1244-N024	3,861	No. 24	36	75	43	3,861
	A1244-3.9	3,9		36	75	43	3,9
	A1244-N023	3,912	No. 23	36	75	43	3,912

Tool	Designation	D _c h8 mm	D _c Inch/Nr	L _c mm	l ₁ mm	l ₂ mm	d ₁ f11 mm
	A1244-5/32IN	3,969	5/32"	36	75	43	3,969
	A1244-4	4		36	75	43	4
Cylindrical shank	A1244-N021	4,039	No. 21	36	75	43	4,039
	A1244-N020	4,089	No. 20	36	75	43	4,089
	A1244-4.1	4,1		36	75	43	4,1
	A1244-4.2	4,2		36	75	43	4,2
	A1244-N019	4,216	No. 19	36	75	43	4,216
	A1244-4.3	4,3		39	80	47	4,3
	A1244-11/64IN	4,366	11/64"	39	80	47	4,366
	A1244-4.4	4,4		39	80	47	4,4
	A1244-4.5	4,5		39	80	47	4,5
	A1244-N015	4,572	No. 15	39	80	47	4,572
	A1244-4.6	4,6		39	80	47	4,6
	A1244-N014	4,623	No. 14	39	80	47	4,623
	A1244-4.7	4,7		39	80	47	4,7
	A1244-3/16IN	4,763	3/16"	44	86	52	4,763
	A1244-4.8	4,8		44	86	52	4,8
	A1244-N012	4,801	No. 12	44	86	52	4,801
	A1244-N011	4,851	No. 11	44	86	52	4,851
	A1244-4.9	4,9		44	86	52	4,9
	A1244-N010	4,915	No. 10	44	86	52	4,915
	A1244-N09	4,978	No. 09	44	86	52	4,978
	A1244-5	5		44	86	52	5
	A1244-N08	5,055	No. 08	44	86	52	5,055
	A1244-5.1	5,1		44	86	52	5,1
	A1244-N07	5,105	No. 07	44	86	52	5,105
	A1244-13/64IN	5,159	13/64"	44	86	52	5,159
	A1244-5.2	5,2		44	86	52	5,2
	A1244-N05	5,220	No. 05	44	86	52	5,22
	A1244-5.3	5,3		44	86	52	5,3
	A1244-5.4	5,4		48	93	57	5,4
	A1244-N03	5,410	No. 03	48	93	57	5,41
	A1244-5.5	5,5		48	93	57	5,5
	A1244-7/32IN	5,556	7/32"	48	93	57	5,556
	A1244-5.6	5,6		48	93	57	5,6
	A1244-N02	5,613	No. 02	48	93	57	5,613
	A1244-5.7	5,7		48	93	57	5,7
	A1244-5.8	5,8		48	93	57	5,8
	A1244-5.9	5,9		48	93	57	5,9
	A1244-6	6		48	93	57	6
	A1244-6.1	6,1		52	101	63	6,1
	A1244-6.2	6,2		52	101	63	6,2
	A1244-6.3	6,3		52	101	63	6,3
	A1244-1/4IN	6,350	1/4"	52	101	63	6,35
	A1244-6.4	6,4		52	101	63	6,4
	A1244-6.5	6,5		52	101	63	6,5

B1

**WALTER
SELECT**

●● Primary application ● Other application
 Best tool for → Good = 😊 → Average = 😐 → Poor = ☹️ machining conditions

Tool	Designation	D _c h8 mm	D _c Inch/Nr	L _c mm	l ₁ mm	l ₂ mm	d ₁ f11 mm
	A1244-6.6	6,6		52	101	63	6,6
	A1244-6.7	6,7		52	101	63	6,7
	A1244-17/64IN	6,747	17/64"	57	109	69	6,747
	A1244-6.8	6,8		57	109	69	6,8
	A1244-6.9	6,9		57	109	69	6,9
	A1244-7	7		57	109	69	7
	A1244-7.1	7,1		57	109	69	7,1
	A1244-9/32IN	7,144	9/32"	57	109	69	7,144
	A1244-7.2	7,2		57	109	69	7,2
	A1244-7.3	7,3		57	109	69	7,3
	A1244-7.4	7,4		57	109	69	7,4
	A1244-7.5	7,5		57	109	69	7,5
	A1244-19/64IN	7,541	19/64"	62	117	75	7,541
	A1244-7.6	7,6		62	117	75	7,6
	A1244-7.7	7,7		62	117	75	7,7
	A1244-7.8	7,8		62	117	75	7,8
	A1244-7.9	7,9		62	117	75	7,9
	A1244-5/16IN	7,938	5/16"	62	117	75	7,938
	A1244-8	8		62	117	75	8
	A1244-8.1	8,1		62	117	75	8,1
	A1244-8.2	8,2		62	117	75	8,2
	A1244-8.3	8,3		62	117	75	8,3
	A1244-21/64IN	8,334	21/64"	62	117	75	8,334
	A1244-8.4	8,4		62	117	75	8,4
	A1244-8.5	8,5		62	117	75	8,5
	A1244-8.6	8,6		66	125	81	8,6
	A1244-8.7	8,7		66	125	81	8,7
	A1244-11/32IN	8,731	11/32"	66	125	81	8,731
	A1244-8.8	8,8		66	125	81	8,8
	A1244-8.9	8,9		66	125	81	8,9
	A1244-9	9		66	125	81	9
	A1244-9.1	9,1		66	125	81	9,1
	A1244-9.2	9,2		66	125	81	9,2
	A1244-9.3	9,3		66	125	81	9,3
	A1244-9.4	9,4		66	125	81	9,4
	A1244-9.5	9,5		66	125	81	9,5
	A1244-3/8IN	9,525	3/8"	71	133	87	9,525
	A1244-9.6	9,6		71	133	87	9,6
	A1244-9.7	9,7		71	133	87	9,7
	A1244-9.8	9,8		71	133	87	9,8
	A1244-9.9	9,9		71	133	87	9,9
	A1244-10	10		71	133	87	10
	A1244-10.2	10,2		71	133	87	10,2
	A1244-13/32IN	10,319	13/32"	71	133	87	10,319
	A1244-10.5	10,5		71	133	87	10,5
	A1244-27/64IN	10,716	27/64"	76	142	94	10,716

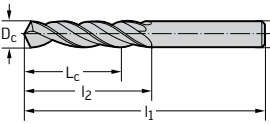
Cylindrical shank

B1

WALTER
SELECT

●● Primary application ● Other application
 Best tool for → Good = 😊 → Average = 😐 → Poor = ☹️ machining conditions

New addition to the product range = 🌟 🌟 🌟 / ★

Tool	Designation	D_c h8 mm	D_c Inch/Nr	L_c mm	l_1 mm	l_2 mm	d_1 f11 mm
 Cylindrical shank	A1244-11	11		76	142	94	11
	A1244-7/16IN	11,113	7/16"	76	142	94	11,113
	A1244-11.2	11,2		76	142	94	11,2
	A1244-11.5	11,5		76	142	94	11,5
	A1244-15/32IN	11,906	15/32"	87	151	101	11,906
	A1244-12	12		87	151	101	12
	A1244-31/64IN	12,303	31/64"	87	151	101	12,303
	A1244-12.5	12,5		87	151	101	12,5
	A1244-1/2IN	12,700	1/2"	87	151	101	12,7
	A1244-13	13		87	151	101	13
	A1244-33/64IN	13,097		87	151	101	13,097
	A1244-17/32IN	13,494	17/32"	94	160	108	13,494
	A1244-13.5	13,5		94	160	108	13,5
	A1244-35/64IN	13,891		94	160	108	13,891
	A1244-14	14		94	160	108	14
	A1244-9/16IN	14,288	9/16"	99	169	114	14,288
	A1244-14.5	14,5		99	169	114	14,5
	A1244-15	15		99	169	114	15

B1

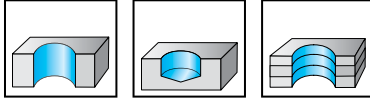
**WALTER
SELECT**

●● Primary application ● Other application
 Best tool for → Good = 😊 → Average = 😐 → Poor = ☹️ machining conditions

**HSS-E A1244 twist drill set
Z3515**



- Type VA



B1

Tool	Drill bits				
	Designation	D _{cmin} mm	D _{cmax} mm	Pitch mm	Quantity
	Z3515-1-10.5	1	10.5	0.5	24

Bodies and assembly parts are included in the scope of delivery

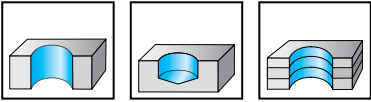
WALTER
SELECT

Best tool for → Good = 😊 → Average = 😐 → Poor = 😞 machining conditions

HSS-E A1244 twist drill set
Z3516



– Type VA



Tool					
	Designation	D _{cmin} mm	D _{cmax} mm	Pitch mm	Quantity
	Z3516-1-13	1	13	0,5	25

Bodies and assembly parts are included in the scope of delivery

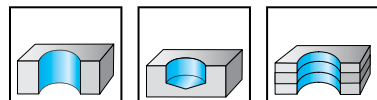
HSS deep-hole drills

A1222

UFL®



- Uncoated up to 1.9 mm
- Available as a set

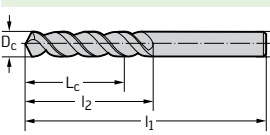


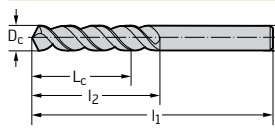
	P	M	K	N	S	H	O
uncoated	●●	●	●●	●●	●		●

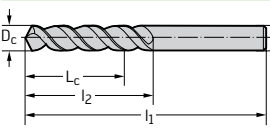
Tool	Designation	D _c h8 mm	D _c Inch/Nr	L _c mm	l ₁ mm	l ₂ mm	d ₁ f11 mm
Cylindrical shank	A1222-1	1		10	34	12	1
	A1222-N060	1,016	No. 60	10	34	12	1,016
	A1222-N059	1,041	No. 59	10	34	12	1,041
	A1222-N058	1,067	No. 58	12	36	14	1,067
	A1222-N057	1,092	No. 57	12	36	14	1,092
	A1222-1.1	1.1		12	36	14	1.1
	A1222-N056	1,181	No. 56	14	38	16	1,181
	A1222-3/64IN	1,191	3/64"	14	38	16	1,191
	A1222-1.2	1.2		14	38	16	1.2
	A1222-1.25	1.25		14	38	16	1.25
	A1222-1.3	1.3		14	38	16	1.3
	A1222-N055	1,321	No. 55	15	40	18	1,321
	A1222-N054	1,397	No. 54	15	40	18	1,397
	A1222-1.4	1.4		15	40	18	1.4
	A1222-1.5	1.5		15	40	18	1.5
	A1222-N053	1,511	No. 53	17	43	20	1,511
	A1222-1/16IN	1,588	1/16"	17	43	20	1,588
	A1222-1.6	1.6		17	43	20	1.6
	A1222-N052	1,613	No. 52	17	43	20	1,613
	A1222-1.7	1.7		17	43	20	1.7
	A1222-N051	1,702	No. 51	19	46	22	1,702
	A1222-N050	1,778	No. 50	19	46	22	1,778
	A1222-1.8	1.8		19	46	22	1.8
	A1222-N049	1,854	No. 49	19	46	22	1,854
	A1222-1.9	1.9		19	46	22	1.9
	A1222-N048	1,930	No. 48	20	49	24	1,930
	A1222-5/64IN	1,984	5/64"	20	49	24	1,984
	A1222-N047	1,994	No. 47	20	49	24	1,994
	A1222-2	2		20	49	24	2
	A1222-N046	2,057	No. 46	20	49	24	2,057
	A1222-N045	2,083	No. 45	20	49	24	2,083
	A1222-2.1	2.1		20	49	24	2.1
	A1222-N044	2,184	No. 44	23	53	27	2,184
	A1222-2.2	2.2		23	53	27	2.2
	A1222-N043	2,261	No. 43	23	53	27	2,261
	A1222-2.3	2.3		23	53	27	2.3

WALTER
SELECT

●● Primary application ● Other application
Best tool for → Good = 😊 → Average = 😐 → Poor = 😞 machining conditions

Tool	Designation	D_c h8 mm	D_c Inch/Nr	L_c mm	l_1 mm	l_2 mm	d_1 f11 mm
	A1222-N042	2,375	No. 42	26	57	30	2,375
	A1222-3/32IN	2,381	3/32"	26	57	30	2,381
Cylindrical shank	A1222-2.4	2,4		26	57	30	2,4
	A1222-N041	2,438	No. 41	26	57	30	2,438
	A1222-N040	2,489	No. 40	26	57	30	2,489
	A1222-2.5	2,5		26	57	30	2,5
	A1222-N039	2,527	No. 39	26	57	30	2,527
	A1222-N038	2,578	No. 38	26	57	30	2,578
	A1222-2.6	2,6		26	57	30	2,6
	A1222-N037	2,642	No. 37	26	57	30	2,642
	A1222-2.7	2,7		28	61	33	2,7
	A1222-N036	2,705	No. 36	28	61	33	2,705
	A1222-7/64IN	2,778	7/64"	28	61	33	2,778
	A1222-N035	2,794	No. 35	28	61	33	2,794
	A1222-2.8	2,8		28	61	33	2,8
	A1222-N034	2,819	No. 34	28	61	33	2,819
	A1222-N033	2,870	No. 33	28	61	33	2,87
	A1222-2.9	2,9		28	61	33	2,9
	A1222-N032	2,946	No. 32	28	61	33	2,946
	A1222-3	3		28	61	33	3
	A1222-N031	3,048	No. 31	30	65	36	3,048
	A1222-3.1	3,1		30	65	36	3,1
	A1222-1/8IN	3,175	1/8"	30	65	36	3,175
	A1222-3.2	3,2		30	65	36	3,2
	A1222-N030	3,264	No. 30	30	65	36	3,264
	A1222-3.3	3,3		30	65	36	3,3
	A1222-3.4	3,4		33	70	39	3,4
	A1222-N029	3,454	No. 29	33	70	39	3,454
	A1222-3.5	3,5		33	70	39	3,5
	A1222-N028	3,569	No. 28	33	70	39	3,569
	A1222-9/64IN	3,572	9/64"	33	70	39	3,572
	A1222-3.6	3,6		33	70	39	3,6
	A1222-N027	3,658	No. 27	33	70	39	3,658
	A1222-3.7	3,7		33	70	39	3,7
	A1222-N026	3,734	No. 26	33	70	39	3,734
	A1222-N025	3,797	No. 25	36	75	43	3,797
	A1222-3.8	3,8		36	75	43	3,8
	A1222-N024	3,861	No. 24	36	75	43	3,861
	A1222-3.9	3,9		36	75	43	3,9
	A1222-N023	3,912	No. 23	36	75	43	3,912
	A1222-5/32IN	3,969	5/32"	36	75	43	3,969
	A1222-N022	3,988	No. 22	36	75	43	3,988
	A1222-4	4		36	75	43	4
	A1222-N021	4,039	No. 21	36	75	43	4,039
	A1222-N020	4,089	No. 20	36	75	43	4,089
	A1222-4.1	4,1		36	75	43	4,1

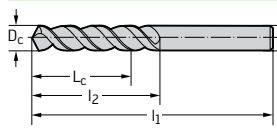
Tool	Designation	D _c h8 mm	D _c Inch/Nr	L _c mm	l ₁ mm	l ₂ mm	d ₁ f11 mm
	A1222-4.2	4,2		36	75	43	4,2
	A1222-N019	4,216	No. 19	36	75	43	4,216
	A1222-4.3	4,3		39	80	47	4,3
	A1222-N018	4,305	No. 18	39	80	47	4,305
	A1222-11/64IN	4,366	11/64"	39	80	47	4,366
	A1222-N017	4,394	No. 17	39	80	47	4,394
	A1222-4.4	4,4		39	80	47	4,4
	A1222-N016	4,496	No. 16	39	80	47	4,496
	A1222-4.5	4,5		39	80	47	4,5
	A1222-N015	4,572	No. 15	39	80	47	4,572
	A1222-4.6	4,6		39	80	47	4,6
	A1222-N014	4,623	No. 14	39	80	47	4,623
	A1222-N013	4,699	No. 13	39	80	47	4,699
	A1222-4.7	4,7		39	80	47	4,7
	A1222-3/16IN	4,763	3/16"	44	86	52	4,763
	A1222-4.8	4,8		44	86	52	4,8
	A1222-N012	4,801	No. 12	44	86	52	4,801
	A1222-N011	4,851	No. 11	44	86	52	4,851
	A1222-4.9	4,9		44	86	52	4,9
	A1222-N010	4,915	No. 10	44	86	52	4,915
	A1222-N09	4,978	No. 09	44	86	52	4,978
	A1222-5	5		44	86	52	5
	A1222-N08	5,055	No. 08	44	86	52	5,055
	A1222-5.1	5,1		44	86	52	5,1
	A1222-N07	5,105	No. 07	44	86	52	5,105
	A1222-13/64IN	5,159	13/64"	44	86	52	5,159
	A1222-N06	5,182	No. 06	44	86	52	5,182
	A1222-5.2	5,2		44	86	52	5,2
	A1222-N05	5,220	No. 05	44	86	52	5,22
	A1222-5.3	5,3		44	86	52	5,3
	A1222-N04	5,309	No. 04	48	93	57	5,309
	A1222-5.4	5,4		48	93	57	5,4
	A1222-N03	5,410	No. 03	48	93	57	5,41
	A1222-5.5	5,5		48	93	57	5,5
	A1222-7/32IN	5,556	7/32"	48	93	57	5,556
	A1222-5.6	5,6		48	93	57	5,6
	A1222-N02	5,613	No. 02	48	93	57	5,613
	A1222-5.7	5,7		48	93	57	5,7
	A1222-N01	5,791	No. 01	48	93	57	5,791
	A1222-5.8	5,8		48	93	57	5,8
	A1222-5.9	5,9		48	93	57	5,9
	A1222-LET.A	5,944	Let. A	48	93	57	5,944
	A1222-15/64IN	5,953	15/64"	48	93	57	5,953
	A1222-6	6		48	93	57	6
	A1222-LET.B	6,045	Let. B	52	101	63	6,045
	A1222-6.1	6,1		52	101	63	6,1

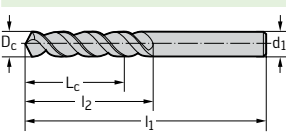
Tool	Designation	D _c h8 mm	D _c Inch/Nr	L _c mm	l ₁ mm	l ₂ mm	d ₁ f11 mm
	A1222-LET.C	6,147	Let. C	52	101	63	6,147
	A1222-6.2	6,2		52	101	63	6,2
Cylindrical shank	A1222-LET.D	6,248	Let. D	52	101	63	6,248
	A1222-6.3	6,3		52	101	63	6,3
	A1222-1/4IN	6,350	1/4"	52	101	63	6,35
	A1222-6.4	6,4		52	101	63	6,4
	A1222-6.5	6,5		52	101	63	6,5
	A1222-LET.F	6,528	Let. F	52	101	63	6,528
	A1222-6.6	6,6		52	101	63	6,6
	A1222-LET.G	6,629	Let. G	52	101	63	6,629
	A1222-6.7	6,7		52	101	63	6,7
	A1222-17/64IN	6,747	17/64"	57	109	69	6,747
	A1222-LET.H	6,756	Let. H	57	109	69	6,756
	A1222-6.8	6,8		57	109	69	6,8
	A1222-6.9	6,9		57	109	69	6,9
	A1222-LET.I	6,909	Let. I	57	109	69	6,909
	A1222-7	7		57	109	69	7
	A1222-LET.J	7,036	Let. J	57	109	69	7,036
	A1222-7.1	7,1		57	109	69	7,1
	A1222-LET.K	7,137	Let. K	57	109	69	7,137
	A1222-9/32IN	7,144	9/32"	57	109	69	7,144
	A1222-7.2	7,2		57	109	69	7,2
	A1222-7.3	7,3		57	109	69	7,3
	A1222-LET.L	7,366	Let. L	57	109	69	7,366
	A1222-7.4	7,4		57	109	69	7,4
	A1222-LET.M	7,493	Let. M	57	109	69	7,493
	A1222-7.5	7,5		57	109	69	7,5
	A1222-19/64IN	7,541	19/64"	62	117	75	7,541
	A1222-7.6	7,6		62	117	75	7,6
	A1222-LET.N	7,671	Let. N	62	117	75	7,671
	A1222-7.7	7,7		62	117	75	7,7
	A1222-7.8	7,8		62	117	75	7,8
	A1222-7.9	7,9		62	117	75	7,9
	A1222-5/16IN	7,938	5/16"	62	117	75	7,938
	A1222-8	8		62	117	75	8
	A1222-LET.O	8,026	Let. O	62	117	75	8,026
	A1222-8.1	8,1		62	117	75	8,1
	A1222-8.2	8,2		62	117	75	8,2
	A1222-LET.P	8,204	Let. P	62	117	75	8,204
	A1222-8.3	8,3		62	117	75	8,3
	A1222-21/64IN	8,334	21/64"	62	117	75	8,334
	A1222-8.4	8,4		62	117	75	8,4
	A1222-LET.Q	8,433	Let. Q	62	117	75	8,433
	A1222-8.5	8,5		62	117	75	8,5
	A1222-8.6	8,6		66	125	81	8,6
	A1222-LET.R	8,611	Let. R	66	125	81	8,611

B1

**WALTER
SELECT**

●● Primary application ● Other application
 Best tool for → Good = 😊 → Average = 😐 → Poor = ☹️ machining conditions

Tool	Designation	D _c h8 mm	D _c Inch/Nr	L _c mm	l ₁ mm	l ₂ mm	d ₁ f11 mm
	A1222-8.7	8,7		66	125	81	8,7
	A1222-11/32IN	8,731	11/32"	66	125	81	8,731
	A1222-8.8	8,8		66	125	81	8,8
	A1222-LET.S	8,839	Let. S	66	125	81	8,839
	A1222-8.9	8,9		66	125	81	8,9
	A1222-9	9		66	125	81	9
	A1222-LET.T	9,093	Let. T	66	125	81	9,093
	A1222-9.1	9,1		66	125	81	9,1
	A1222-23/64IN	9,128	23/64"	66	125	81	9,128
	A1222-9.2	9,2		66	125	81	9,2
	A1222-9.3	9,3		66	125	81	9,3
	A1222-LET.U	9,347	Let. U	66	125	81	9,347
	A1222-9.4	9,4		66	125	81	9,4
	A1222-9.5	9,5		66	125	81	9,5
	A1222-3/8IN	9,525	3/8"	71	133	87	9,525
	A1222-LET.V	9,576	Let. V	71	133	87	9,576
	A1222-9.6	9,6		71	133	87	9,6
	A1222-9.7	9,7		71	133	87	9,7
	A1222-9.8	9,8		71	133	87	9,8
	A1222-LET.W	9,804	Let. W	71	133	87	9,804
	A1222-9.9	9,9		71	133	87	9,9
	A1222-25/64IN	9,922	25/64"	71	133	87	9,922
	A1222-10	10		71	133	87	10
	A1222-LET.X	10,084	Let. X	71	133	87	10,084
	A1222-10.2	10,2		71	133	87	10,2
	A1222-LET.Y	10,262	Let. Y	71	133	87	10,262
	A1222-13/32IN	10,319	13/32"	71	133	87	10,319
	A1222-LET.Z	10,490	Let. Z	71	133	87	10,49
	A1222-10.5	10,5		71	133	87	10,5
	A1222-27/64IN	10,716	27/64"	76	142	94	10,716
	A1222-10.8	10,8		76	142	94	10,8
	A1222-11	11		76	142	94	11
	A1222-7/16IN	11,113	7/16"	76	142	94	11,113
	A1222-11.2	11,2		76	142	94	11,2
	A1222-11.5	11,5		76	142	94	11,5
	A1222-29/64IN	11,509	29/64"	76	142	94	11,509
	A1222-11.8	11,8		76	142	94	11,8
	A1222-15/32IN	11,906	15/32"	87	151	101	11,906
	A1222-12	12		87	151	101	12
	A1222-31/64IN	12,303	31/64"	87	151	101	12,303
	A1222-12.5	12,5		87	151	101	12,5
	A1222-1/2IN	12,700	1/2"	87	151	101	12,7
	A1222-13	13		87	151	101	13
	A1222-33/64IN	13,097		87	151	101	13,097
	A1222-13.1	13,1		87	151	101	13,1
	A1222-13.3	13,3		94	160	108	13,3

Tool	Designation	D_c h8 mm	D_c Inch/Nr	L_c mm	l_1 mm	l_2 mm	d_1 f11 mm
 Cylindrical shank	A1222-17/32IN	13,494	17/32"	94	160	108	13,494
	A1222-13.5	13,5		94	160	108	13,5
	A1222-35/64IN	13,891		94	160	108	13,891
	A1222-14	14		94	160	108	14
	A1222-9/16IN	14,288	9/16"	99	169	114	14,288
	A1222-14.5	14,5		99	169	114	14,5
	A1222-37/64IN	14,684	37/64"	99	169	114	14,684
	A1222-15	15		99	169	114	15
	A1222-19/32IN	15,081	19/32"	104	178	120	15,081
	A1222-15.1	15,1		104	178	120	15,1
	A1222-15.3	15,3		104	178	120	15,3
	A1222-39/64IN	15,478	39/64"	104	178	120	15,478
	A1222-15.5	15,5		104	178	120	15,5
	A1222-5/8IN	15,875	5/8"	104	178	120	15,875
	A1222-16	16		104	178	120	16

B1

**WALTER
SELECT**

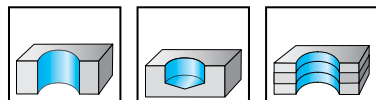
●● Primary application ● Other application
 Best tool for → Good = 😊 → Average = 😐 → Poor = ☹️ machining conditions

HSS twist drills

A1211TIN / A1211

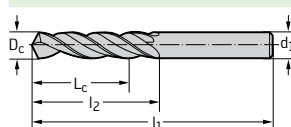


- Available as a set
- Type N



	P	M	K	N	S	H	O
TIN	●●	●	●●	●	●		●
uncoated	●●	●	●●	●	●		●

Tool

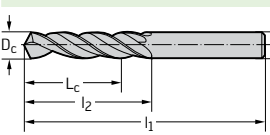


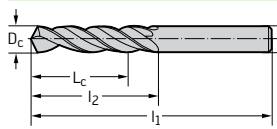
Cylindrical shank

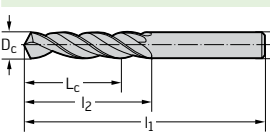
Designation	D _c h8 mm	D _c Inch/Nr	L _c mm	l ₁ mm	l ₂ mm	d ₁ f11 mm
A1211TIN-0.5	0,5		5,2	22	6	0,5
A1211TIN-0.6	0,6		6,1	24	7	0,6
A1211TIN-0.7	0,7		7,8	28	9	0,7
A1211TIN-0.8	0,8		8,7	30	10	0,8
A1211TIN-0.9	0,9		9,5	32	11	0,9
A1211TIN-1	1		10	34	12	1
A1211TIN-1.1	1,1		12	36	14	1,1
A1211TIN-1.2	1,2		14	38	16	1,2
A1211TIN-1.3	1,3		14	38	16	1,3
A1211TIN-1.4	1,4		15	40	18	1,4
A1211TIN-1.5	1,5		15	40	18	1,5
A1211TIN-1.6	1,6		17	43	20	1,6
A1211TIN-1.7	1,7		17	43	20	1,7
A1211TIN-1.8	1,8		19	46	22	1,8
A1211TIN-1.9	1,9		19	46	22	1,9
A1211TIN-2	2		20	49	24	2
A1211TIN-2.1	2,1		20	49	24	2,1
A1211TIN-2.2	2,2		23	53	27	2,2
A1211TIN-2.3	2,3		23	53	27	2,3
A1211TIN-2.4	2,4		26	57	30	2,4
A1211TIN-2.5	2,5		26	57	30	2,5
A1211TIN-2.6	2,6		26	57	30	2,6
A1211TIN-2.7	2,7		28	61	33	2,7
A1211TIN-2.8	2,8		28	61	33	2,8
A1211TIN-2.9	2,9		28	61	33	2,9
A1211TIN-3	3		28	61	33	3
A1211TIN-3.1	3,1		30	65	36	3,1
A1211TIN-3.2	3,2		30	65	36	3,2
A1211TIN-3.3	3,3		30	65	36	3,3
A1211TIN-3.4	3,4		33	70	39	3,4
A1211TIN-3.5	3,5		33	70	39	3,5
A1211TIN-3.6	3,6		33	70	39	3,6
A1211TIN-3.7	3,7		33	70	39	3,7
A1211TIN-3.8	3,8		36	75	43	3,8
A1211TIN-3.9	3,9		36	75	43	3,9
A1211TIN-4	4		36	75	43	4

WALTER
SELECT

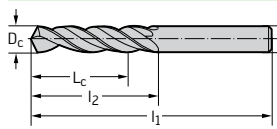
●● Primary application ● Other application
Best tool for → Good = 😊 → Average = 😐 → Poor = 😞 machining conditions

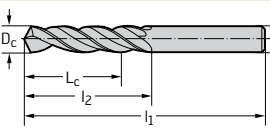
Tool	Designation	D _c h8 mm	D _c Inch/Nr	L _c mm	l ₁ mm	l ₂ mm	d ₁ f11 mm
 Cylindrical shank	A1211TIN-4.1	4,1		36	75	43	4,1
	A1211TIN-4.2	4,2		36	75	43	4,2
	A1211TIN-4.3	4,3		39	80	47	4,3
	A1211TIN-4.4	4,4		39	80	47	4,4
	A1211TIN-4.5	4,5		39	80	47	4,5
	A1211TIN-4.6	4,6		39	80	47	4,6
	A1211TIN-4.7	4,7		39	80	47	4,7
	A1211TIN-4.8	4,8		44	86	52	4,8
	A1211TIN-4.9	4,9		44	86	52	4,9
	A1211TIN-5	5		44	86	52	5
	A1211TIN-5.1	5,1		44	86	52	5,1
	A1211TIN-5.2	5,2		44	86	52	5,2
	A1211TIN-5.3	5,3		44	86	52	5,3
	A1211TIN-5.4	5,4		48	93	57	5,4
	A1211TIN-5.5	5,5		48	93	57	5,5
	A1211TIN-5.6	5,6		48	93	57	5,6
	A1211TIN-5.7	5,7		48	93	57	5,7
	A1211TIN-5.8	5,8		48	93	57	5,8
	A1211TIN-5.9	5,9		48	93	57	5,9
	A1211TIN-6	6		48	93	57	6
	A1211TIN-6.1	6,1		52	101	63	6,1
	A1211TIN-6.2	6,2		52	101	63	6,2
	A1211TIN-6.3	6,3		52	101	63	6,3
	A1211TIN-6.4	6,4		52	101	63	6,4
	A1211TIN-6.5	6,5		52	101	63	6,5
	A1211TIN-6.6	6,6		52	101	63	6,6
	A1211TIN-6.7	6,7		52	101	63	6,7
	A1211TIN-6.8	6,8		57	109	69	6,8
	A1211TIN-6.9	6,9		57	109	69	6,9
	A1211TIN-7	7		57	109	69	7
	A1211TIN-7.1	7,1		57	109	69	7,1
	A1211TIN-7.2	7,2		57	109	69	7,2
	A1211TIN-7.3	7,3		57	109	69	7,3
	A1211TIN-7.4	7,4		57	109	69	7,4
	A1211TIN-7.5	7,5		57	109	69	7,5
	A1211TIN-7.6	7,6		62	117	75	7,6
	A1211TIN-7.7	7,7		62	117	75	7,7
	A1211TIN-7.8	7,8		62	117	75	7,8
	A1211TIN-7.9	7,9		62	117	75	7,9
	A1211TIN-8	8		62	117	75	8
	A1211TIN-8.1	8,1		62	117	75	8,1
	A1211TIN-8.2	8,2		62	117	75	8,2
	A1211TIN-8.3	8,3		62	117	75	8,3
	A1211TIN-8.4	8,4		62	117	75	8,4
	A1211TIN-8.5	8,5		62	117	75	8,5
	A1211TIN-8.6	8,6		66	125	81	8,6

Tool	Designation	D _c h8 mm	D _c Inch/Nr	L _c mm	l ₁ mm	l ₂ mm	d ₁ f11 mm
 Cylindrical shank	A1211TIN-8.7	8,7		66	125	81	8,7
	A1211TIN-8.8	8,8		66	125	81	8,8
	A1211TIN-8.9	8,9		66	125	81	8,9
	A1211TIN-9	9		66	125	81	9
	A1211TIN-9.1	9,1		66	125	81	9,1
	A1211TIN-9.2	9,2		66	125	81	9,2
	A1211TIN-9.3	9,3		66	125	81	9,3
	A1211TIN-9.4	9,4		66	125	81	9,4
	A1211TIN-9.5	9,5		66	125	81	9,5
	A1211TIN-9.6	9,6		71	133	87	9,6
	A1211TIN-9.7	9,7		71	133	87	9,7
	A1211TIN-9.8	9,8		71	133	87	9,8
	A1211TIN-9.9	9,9		71	133	87	9,9
	A1211TIN-10	10		71	133	87	10
	A1211TIN-10.2	10,2		71	133	87	10,2
	A1211TIN-10.5	10,5		71	133	87	10,5
	A1211TIN-11	11		76	142	94	11
	A1211TIN-11.5	11,5		76	142	94	11,5
	A1211TIN-12	12		87	151	101	12
	A1211TIN-12.5	12,5		87	151	101	12,5
	A1211TIN-13	13		87	151	101	13
	A1211TIN-13.5	13,5		94	160	108	13,5
	A1211TIN-14	14		94	160	108	14
	A1211TIN-14.5	14,5		99	169	114	14,5
	A1211TIN-15	15		99	169	114	15
	A1211TIN-16	16		104	178	120	16
	A1211-0.2	0,2		2,1	19	2,5	0,2
	A1211-0.22	0,22		2,1	19	2,5	0,22
	A1211-0.23	0,23		2,1	19	2,5	0,23
	A1211-0.25	0,25		2,5	19	3	0,25
	A1211-0.27	0,27		2,5	19	3	0,27
	A1211-0.28	0,28		2,5	19	3	0,28
	A1211-0.29	0,29		2,5	19	3	0,29
	A1211-0.3	0,3		2,5	19	3	0,3
	A1211-0.31	0,31		3,4	19	4	0,31
	A1211-N082	0,318		3,4	19	4	0,318
	A1211-0.32	0,32		3,4	19	4	0,32
	A1211-0.33	0,33		3,4	19	4	0,33
	A1211-0.34	0,34		3,4	19	4	0,34
	A1211-N080	0,343		3,4	19	4	0,343
	A1211-0.35	0,35		3,4	19	4	0,35
	A1211-N079	0,368		3,4	19	4	0,368
	A1211-0.38	0,38		3,4	19	4	0,38
	A1211-1/64IN	0,397		4,2	20	5	0,397
	A1211-0.4	0,4		4,2	20	5	0,4
	A1211-N078	0,406		4,2	20	5	0,406

Tool	Designation	D _c h8 mm	D _c Inch/Nr	L _c mm	l ₁ mm	l ₂ mm	d ₁ f11 mm
	A1211-0.42	0,42		4,2	20	5	0,42
	A1211-0.43	0,43		4,2	20	5	0,43
Cylindrical shank	A1211-0.45	0,45		4,2	20	5	0,45
	A1211-N077	0,457		4,2	20	5	0,457
	A1211-0.47	0,47		4,2	20	5	0,47
	A1211-0.48	0,48		4,2	20	5	0,48
	A1211-0.49	0,49		5,2	22	6	0,49
	A1211-0.5	0,5		5,2	22	6	0,5
	A1211-N076	0,508	No.76	5,2	22	6	0,508
	A1211-0.51	0,51		5,2	22	6	0,51
	A1211-0.52	0,52		5,2	22	6	0,52
	A1211-0.53	0,53		5,2	22	6	0,53
	A1211-N075	0,533		6,1	24	7	0,533
	A1211-0.54	0,54		6,1	24	7	0,54
	A1211-0.55	0,55		6,1	24	7	0,55
	A1211-0.57	0,57		6,1	24	7	0,57
	A1211-N074	0,572		6,1	24	7	0,572
	A1211-0.58	0,58		6,1	24	7	0,58
	A1211-0.59	0,59		6,1	24	7	0,59
	A1211-0.6	0,6		6,1	24	7	0,6
	A1211-N073	0,610		6,9	26	8	0,61
	A1211-0.62	0,62		6,9	26	8	0,62
	A1211-0.63	0,63		6,9	26	8	0,63
	A1211-N072	0,635	No.72	6,9	26	8	0,635
	A1211-0.65	0,65		6,9	26	8	0,65
	A1211-N071	0,660		6,9	26	8	0,66
	A1211-0.67	0,67		6,9	26	8	0,67
	A1211-0.68	0,68		7,8	28	9	0,68
	A1211-0.7	0,7		7,8	28	9	0,7
	A1211-N070	0,711		7,8	28	9	0,711
	A1211-0.72	0,72		7,8	28	9	0,72
	A1211-0.73	0,73		7,8	28	9	0,73
	A1211-N069	0,742		7,8	28	9	0,742
	A1211-0.75	0,75		7,8	28	9	0,75
	A1211-0.76	0,76		8,7	30	10	0,76
	A1211-0.78	0,78		8,7	30	10	0,78
	A1211-N068	0,787		8,7	30	10	0,787
	A1211-1/32IN	0,794	1/32"	8,7	30	10	0,794
	A1211-0.8	0,8		8,7	30	10	0,8
	A1211-0.81	0,81		8,7	30	10	0,81
	A1211-N067	0,813		8,7	30	10	0,813
	A1211-0.82	0,82		8,7	30	10	0,82
	A1211-0.83	0,83		8,7	30	10	0,83
	A1211-N066	0,838		8,7	30	10	0,838
	A1211-0.85	0,85		8,7	30	10	0,85
	A1211-0.87	0,87		9,5	32	11	0,87

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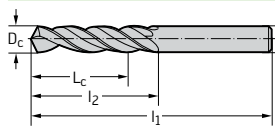
Tool	Designation	D _c h8 mm	D _c inch/Nr	L _c mm	l ₁ mm	l ₂ mm	d ₁ f11 mm
	A1211-0.88	0,88		9,5	32	11	0,88
	A1211-N065	0,889	No.65	9,5	32	11	0,889
Cylindrical shank	A1211-0.9	0,9		9,5	32	11	0,9
	A1211-0.91	0,91		9,5	32	11	0,91
	A1211-N064	0,914		9,5	32	11	0,914
	A1211-0.92	0,92		9,5	32	11	0,92
	A1211-N063	0,940		9,5	32	11	0,94
	A1211-0.95	0,95		9,5	32	11	0,95
	A1211-0.96	0,96		10	34	12	0,96
	A1211-N062	0,965		10	34	12	0,965
	A1211-0.97	0,97		10	34	12	0,97
	A1211-0.98	0,98		10	34	12	0,98
	A1211-0.99	0,99		10	34	12	0,99
	A1211-N061	0,991		10	34	12	0,991
	A1211-1	1		10	34	12	1
	A1211-1.01	1,01		10	34	12	1,01
	A1211-N060	1,016	No. 60	10	34	12	1,016
	A1211-1.02	1,02		10	34	12	1,02
	A1211-1.03	1,03		10	34	12	1,03
	A1211-1.04	1,04		10	34	12	1,04
	A1211-N059	1,041	No. 59	10	34	12	1,041
	A1211-1.05	1,05		10	34	12	1,05
	A1211-N058	1,067	No. 58	12	36	14	1,067
	A1211-N057	1,092	No. 57	12	36	14	1,092
	A1211-1.1	1,1		12	36	14	1,1
	A1211-1.12	1,12		12	36	14	1,12
	A1211-1.13	1,13		12	36	14	1,13
	A1211-1.15	1,15		12	36	14	1,15
	A1211-1.18	1,18		12	36	14	1,18
	A1211-N056	1,181	No. 56	14	38	16	1,181
	A1211-3/64IN	1,191	3/64"	14	38	16	1,191
	A1211-1.2	1,2		14	38	16	1,2
	A1211-1.21	1,21		14	38	16	1,21
	A1211-1.22	1,22		14	38	16	1,22
	A1211-1.23	1,23		14	38	16	1,23
	A1211-1.24	1,24		14	38	16	1,24
	A1211-1.25	1,25		14	38	16	1,25
	A1211-1.27	1,27		14	38	16	1,27
	A1211-1.28	1,28		14	38	16	1,28
	A1211-1.3	1,3		14	38	16	1,3
	A1211-N055	1,321	No. 55	15	40	18	1,321
	A1211-1.33	1,33		15	40	18	1,33
	A1211-1.35	1,35		15	40	18	1,35
	A1211-1.36	1,36		15	40	18	1,36
	A1211-1.37	1,37		15	40	18	1,37
	A1211-N054	1,397	No. 54	15	40	18	1,397

Tool	Designation	D _c h8 mm	D _c Inch/Nr	L _c mm	l ₁ mm	l ₂ mm	d ₁ f11 mm
	A1211-1.4	1,4		15	40	18	1,4
	A1211-1.42	1,42		15	40	18	1,42
Cylindrical shank	A1211-1.43	1,43		15	40	18	1,43
	A1211-1.45	1,45		15	40	18	1,45
	A1211-1.49	1,49		15	40	18	1,49
	A1211-1.5	1,5		15	40	18	1,5
	A1211-1.51	1,51		17	43	20	1,51
	A1211-NO53	1,511	No. 53	17	43	20	1,511
	A1211-1.52	1,52		17	43	20	1,52
	A1211-1.53	1,53		17	43	20	1,53
	A1211-1.55	1,55		17	43	20	1,55
	A1211-1.57	1,57		17	43	20	1,57
	A1211-1/16IN	1,588	1/16"	17	43	20	1,588
	A1211-1.6	1,6		17	43	20	1,6
	A1211-NO52	1,613	No. 52	17	43	20	1,613
	A1211-1.63	1,63		17	43	20	1,63
	A1211-1.65	1,65		17	43	20	1,65
	A1211-1.7	1,7		17	43	20	1,7
	A1211-NO51	1,702	No. 51	19	46	22	1,702
	A1211-1.75	1,75		19	46	22	1,75
	A1211-NO50	1,778	No. 50	19	46	22	1,778
	A1211-1.8	1,8		19	46	22	1,8
	A1211-1.85	1,85		19	46	22	1,85
	A1211-NO49	1,854	No. 49	19	46	22	1,854
	A1211-1.9	1,9		19	46	22	1,9
	A1211-NO48	1,930	No. 48	20	49	24	1,93
	A1211-1.95	1,95		20	49	24	1,95
	A1211-5/64IN	1,984	5/64"	20	49	24	1,984
	A1211-NO47	1,994	No. 47	20	49	24	1,994
	A1211-2	2		20	49	24	2
	A1211-2.05	2,05		20	49	24	2,05
	A1211-NO46	2,057	No. 46	20	49	24	2,057
	A1211-NO45	2,083	No. 45	20	49	24	2,083
	A1211-2.1	2,1		20	49	24	2,1
	A1211-2.15	2,15		23	53	27	2,15
	A1211-NO44	2,184	No. 44	23	53	27	2,184
	A1211-2.2	2,2		23	53	27	2,2
	A1211-2.25	2,25		23	53	27	2,25
	A1211-NO43	2,261	No. 43	23	53	27	2,261
	A1211-2.3	2,3		23	53	27	2,3
	A1211-2.35	2,35		23	53	27	2,35
	A1211-NO42	2,375	No. 42	26	57	30	2,375
	A1211-3/32IN	2,381	3/32"	26	57	30	2,381
	A1211-2.4	2,4		26	57	30	2,4
	A1211-NO41	2,438	No. 41	26	57	30	2,438
	A1211-2.45	2,45		26	57	30	2,45

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**WALTER
SELECT**

●● Primary application ● Other application
 Best tool for → Good = 😊 → Average = 😐 → Poor = ☹️ machining conditions

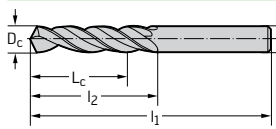
Tool	Designation	D _c h8 mm	D _c Inch/Nr	L _c mm	l ₁ mm	l ₂ mm	d ₁ f11 mm
	A1211-N040	2,489	No. 40	26	57	30	2,489
	A1211-2.5	2,5		26	57	30	2,5
	A1211-N039	2,527	No. 39	26	57	30	2,527
	A1211-2.55	2,55		26	57	30	2,55
	A1211-N038	2,578	No. 38	26	57	30	2,578
	A1211-2.6	2,6		26	57	30	2,6
	A1211-N037	2,642	No. 37	26	57	30	2,642
	A1211-2.65	2,65		26	57	30	2,65
	A1211-2.7	2,7		28	61	33	2,7
	A1211-N036	2,705	No. 36	28	61	33	2,705
	A1211-2.75	2,75		28	61	33	2,75
	A1211-7/64IN	2,778	7/64"	28	61	33	2,778
	A1211-N035	2,794	No. 35	28	61	33	2,794
	A1211-2.8	2,8		28	61	33	2,8
	A1211-N034	2,819	No. 34	28	61	33	2,819
	A1211-2.85	2,85		28	61	33	2,85
	A1211-N033	2,870	No. 33	28	61	33	2,87
	A1211-2.9	2,9		28	61	33	2,9
	A1211-N032	2,946	No. 32	28	61	33	2,946
	A1211-2.95	2,95		28	61	33	2,95
	A1211-3	3		28	61	33	3
	A1211-N031	3,048	No. 31	30	65	36	3,048
	A1211-3.05	3,05		30	65	36	3,05
	A1211-3.1	3,1		30	65	36	3,1
	A1211-3.15	3,15		30	65	36	3,15
	A1211-1/8IN	3,175	1/8"	30	65	36	3,175
	A1211-3.2	3,2		30	65	36	3,2
	A1211-3.25	3,25		30	65	36	3,25
	A1211-N030	3,264	No. 30	30	65	36	3,264
	A1211-3.3	3,3		30	65	36	3,3
	A1211-3.35	3,35		30	65	36	3,35
	A1211-3.4	3,4		33	70	39	3,4
	A1211-3.45	3,45		33	70	39	3,45
	A1211-N029	3,454	No. 29	33	70	39	3,454
	A1211-3.5	3,5		33	70	39	3,5
	A1211-3.55	3,55		33	70	39	3,55
	A1211-N028	3,569	No. 28	33	70	39	3,569
	A1211-9/64IN	3,572	9/64"	33	70	39	3,572
	A1211-3.6	3,6		33	70	39	3,6
	A1211-3.65	3,65		33	70	39	3,65
	A1211-N027	3,658	No. 27	33	70	39	3,658
	A1211-3.7	3,7		33	70	39	3,7
	A1211-N026	3,734	No. 26	33	70	39	3,734
	A1211-3.75	3,75		33	70	39	3,75
	A1211-N025	3,797	No. 25	36	75	43	3,797
	A1211-3.8	3,8		36	75	43	3,8

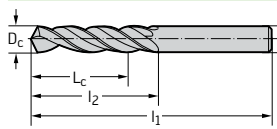
Cylindrical shank

B1

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●● Primary application ● Other application
 Best tool for → Good = 😊 → Average = 😐 → Poor = ☹️ machining conditions

Tool	Designation	D _c h8 mm	D _c Inch/Nr	L _c mm	l ₁ mm	l ₂ mm	d ₁ f11 mm
	A1211-N024	3,861	No. 24	36	75	43	3,861
	A1211-3.9	3,9		36	75	43	3,9
Cylindrical shank	A1211-N023	3,912	No. 23	36	75	43	3,912
	A1211-3.95	3,95		36	75	43	3,95
	A1211-5/32IN	3,969	5/32"	36	75	43	3,969
	A1211-N022	3,988	No. 22	36	75	43	3,988
	A1211-4	4		36	75	43	4
	A1211-N021	4,039	No. 21	36	75	43	4,039
	A1211-4.05	4,05		36	75	43	4,05
	A1211-N020	4,089	No. 20	36	75	43	4,089
	A1211-4.1	4,1		36	75	43	4,1
	A1211-4.15	4,15		36	75	43	4,15
	A1211-4.2	4,2		36	75	43	4,2
	A1211-N019	4,216	No. 19	36	75	43	4,216
	A1211-4.25	4,25		36	75	43	4,25
	A1211-4.3	4,3		39	80	47	4,3
	A1211-N018	4,305	No. 18	39	80	47	4,305
	A1211-4.35	4,35		39	80	47	4,35
	A1211-11/64IN	4,366	11/64"	39	80	47	4,366
	A1211-N017	4,394	No. 17	39	80	47	4,394
	A1211-4.4	4,4		39	80	47	4,4
	A1211-4.45	4,45		39	80	47	4,45
	A1211-N016	4,496	No. 16	39	80	47	4,496
	A1211-4.5	4,5		39	80	47	4,5
	A1211-4.55	4,55		39	80	47	4,55
	A1211-N015	4,572	No. 15	39	80	47	4,572
	A1211-4.6	4,6		39	80	47	4,6
	A1211-N014	4,623	No. 14	39	80	47	4,623
	A1211-4.65	4,65		39	80	47	4,65
	A1211-N013	4,699	No. 13	39	80	47	4,699
	A1211-4.7	4,7		39	80	47	4,7
	A1211-4.75	4,75		39	80	47	4,75
	A1211-3/16IN	4,763	3/16"	44	86	52	4,763
	A1211-4.8	4,8		44	86	52	4,8
	A1211-N012	4,801	No. 12	44	86	52	4,801
	A1211-4.85	4,85		44	86	52	4,85
	A1211-N011	4,851	No. 11	44	86	52	4,851
	A1211-4.9	4,9		44	86	52	4,9
	A1211-N010	4,915	No. 10	44	86	52	4,915
	A1211-4.95	4,95		44	86	52	4,95
	A1211-N09	4,978	No. 09	44	86	52	4,978
	A1211-5	5		44	86	52	5
	A1211-5.05	5,05		44	86	52	5,05
	A1211-N08	5,055	No. 08	44	86	52	5,055
	A1211-5.1	5,1		44	86	52	5,1
	A1211-N07	5,105	No. 07	44	86	52	5,105

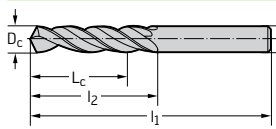
Tool	Designation	D _c h8 mm	D _c Inch/Nr	L _c mm	l ₁ mm	l ₂ mm	d ₁ f11 mm
	A1211-5.15	5,15		44	86	52	5,15
	A1211-13/64IN	5,159	13/64"	44	86	52	5,159
	A1211-N06	5,182	No. 06	44	86	52	5,182
	A1211-5.2	5,2		44	86	52	5,2
	A1211-N05	5,220	No. 05	44	86	52	5,22
	A1211-5.25	5,25		44	86	52	5,25
	A1211-5.3	5,3		44	86	52	5,3
	A1211-N04	5,309	No. 04	48	93	57	5,309
	A1211-5.4	5,4		48	93	57	5,4
	A1211-N03	5,410	No. 03	48	93	57	5,41
	A1211-5.5	5,5		48	93	57	5,5
	A1211-5.55	5,55		48	93	57	5,55
	A1211-7/32IN	5,556	7/32"	48	93	57	5,556
	A1211-5.6	5,6		48	93	57	5,6
	A1211-N02	5,613	No. 02	48	93	57	5,613
	A1211-5.7	5,7		48	93	57	5,7
	A1211-5.75	5,75		48	93	57	5,75
	A1211-N01	5,791	No. 01	48	93	57	5,791
	A1211-5.8	5,8		48	93	57	5,8
	A1211-5.9	5,9		48	93	57	5,9
	A1211-LET.A	5,944	Let. A	48	93	57	5,944
	A1211-5.95	5,95		48	93	57	5,95
	A1211-15/64IN	5,953	15/64"	48	93	57	5,953
	A1211-6	6		48	93	57	6
	A1211-LET.B	6,045	Let. B	52	101	63	6,045
	A1211-6.05	6,05		52	101	63	6,05
	A1211-6.1	6,1		52	101	63	6,1
	A1211-LET.C	6,147	Let. C	52	101	63	6,147
	A1211-6.15	6,15		52	101	63	6,15
	A1211-6.2	6,2		52	101	63	6,2
	A1211-LET.D	6,248	Let. D	52	101	63	6,248
	A1211-6.25	6,25		52	101	63	6,25
	A1211-6.3	6,3		52	101	63	6,3
	A1211-1/4IN	6,350	1/4"	52	101	63	6,35
	A1211-6.4	6,4		52	101	63	6,4
	A1211-6.45	6,45		52	101	63	6,45
	A1211-6.5	6,5		52	101	63	6,5
	A1211-LET.F	6,528	Let. F	52	101	63	6,528
	A1211-6.55	6,55		52	101	63	6,55
	A1211-6.6	6,6		52	101	63	6,6
	A1211-LET.G	6,629	Let. G	52	101	63	6,629
	A1211-6.65	6,65		52	101	63	6,65
	A1211-6.7	6,7		52	101	63	6,7
	A1211-17/64IN	6,747	17/64"	57	109	69	6,747
	A1211-6.75	6,75		57	109	69	6,75
	A1211-LET.H	6,756	Let. H	57	109	69	6,756

Cylindrical shank

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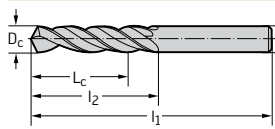
●● Primary application ● Other application
 Best tool for → Good = 😊 → Average = 😐 → Poor = ☹️ machining conditions

Tool	Designation	D _c h8 mm	D _c Inch/Nr	L _c mm	l ₁ mm	l ₂ mm	d ₁ f11 mm
	A1211-6.8	6,8		57	109	69	6,8
	A1211-6.9	6,9		57	109	69	6,9
Cylindrical shank	A1211-LET.I	6,909	Let. I	57	109	69	6,909
	A1211-7	7		57	109	69	7
	A1211-LET.J	7,036	Let. J	57	109	69	7,036
	A1211-7.05	7,05		57	109	69	7,05
	A1211-7.1	7,1		57	109	69	7,1
	A1211-LET.K	7,137	Let. K	57	109	69	7,137
	A1211-9/32IN	7,144	9/32"	57	109	69	7,144
	A1211-7.2	7,2		57	109	69	7,2
	A1211-7.25	7,25		57	109	69	7,25
	A1211-7.3	7,3		57	109	69	7,3
	A1211-LET.L	7,366	Let. L	57	109	69	7,366
	A1211-7.4	7,4		57	109	69	7,4
	A1211-LET.M	7,493	Let. M	57	109	69	7,493
	A1211-7.5	7,5		57	109	69	7,5
	A1211-19/64IN	7,541	19/64"	62	117	75	7,541
	A1211-7.6	7,6		62	117	75	7,6
	A1211-LET.N	7,671	Let. N	62	117	75	7,671
	A1211-7.7	7,7		62	117	75	7,7
	A1211-7.75	7,75		62	117	75	7,75
	A1211-7.8	7,8		62	117	75	7,8
	A1211-7.9	7,9		62	117	75	7,9
	A1211-5/16IN	7,938	5/16"	62	117	75	7,938
	A1211-8	8		62	117	75	8
	A1211-LET.O	8,026	Let. O	62	117	75	8,026
	A1211-8.05	8,05		62	117	75	8,05
	A1211-8.1	8,1		62	117	75	8,1
	A1211-8.2	8,2		62	117	75	8,2
	A1211-LET.P	8,204	Let. P	62	117	75	8,204
	A1211-8.25	8,25		62	117	75	8,25
	A1211-8.3	8,3		62	117	75	8,3
	A1211-21/64IN	8,334	21/64"	62	117	75	8,334
	A1211-8.4	8,4		62	117	75	8,4
	A1211-LET.Q	8,433	Let. Q	62	117	75	8,433
	A1211-8.5	8,5		62	117	75	8,5
	A1211-8.6	8,6		66	125	81	8,6
	A1211-LET.R	8,611	Let. R	66	125	81	8,611
	A1211-8.7	8,7		66	125	81	8,7
	A1211-11/32IN	8,731	11/32"	66	125	81	8,731
	A1211-8.75	8,75		66	125	81	8,75
	A1211-8.8	8,8		66	125	81	8,8
	A1211-8.9	8,9		66	125	81	8,9
	A1211-9	9		66	125	81	9
	A1211-LET.T	9,093	Let. T	66	125	81	9,093
	A1211-9.1	9,1		66	125	81	9,1

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Tool	Designation	D _c h8 mm	D _c inch/Nr	L _c mm	l ₁ mm	l ₂ mm	d ₁ f11 mm
	A1211-23/64IN	9,128	23/64"	66	125	81	9,128
	A1211-9.2	9,2		66	125	81	9,2
	A1211-9.25	9,25		66	125	81	9,25
	A1211-9.3	9,3		66	125	81	9,3
	A1211-LET.U	9,347	Let. U	66	125	81	9,347
	A1211-9.4	9,4		66	125	81	9,4
	A1211-9.5	9,5		66	125	81	9,5
	A1211-3/8IN	9,525	3/8"	71	133	87	9,525
	A1211-9.6	9,6		71	133	87	9,6
	A1211-9.7	9,7		71	133	87	9,7
	A1211-9.75	9,75		71	133	87	9,75
	A1211-9.8	9,8		71	133	87	9,8
	A1211-LET.W	9,804	Let. W	71	133	87	9,804
	A1211-9.9	9,9		71	133	87	9,9
	A1211-25/64IN	9,922	25/64"	71	133	87	9,922
	A1211-10	10		71	133	87	10
	A1211-LET.X	10,084	Let. X	71	133	87	10,084
	A1211-10.1	10,1		71	133	87	10,1
	A1211-10.2	10,2		71	133	87	10,2
	A1211-10.25	10,25		71	133	87	10,25
	A1211-LET.Y	10,262	Let. Y	71	133	87	10,262
	A1211-10.3	10,3		71	133	87	10,3
	A1211-13/32IN	10,319	13/32"	71	133	87	10,319
	A1211-10.4	10,4		71	133	87	10,4
	A1211-LET.Z	10,490	Let. Z	71	133	87	10,49
	A1211-10.5	10,5		71	133	87	10,5
	A1211-10.6	10,6		71	133	87	10,6
	A1211-10.7	10,7		76	142	94	10,7
	A1211-27/64IN	10,716	27/64"	76	142	94	10,716
	A1211-10.75	10,75		76	142	94	10,75
	A1211-10.8	10,8		76	142	94	10,8
	A1211-10.9	10,9		76	142	94	10,9
	A1211-11	11		76	142	94	11
	A1211-11.1	11,1		76	142	94	11,1
	A1211-7/16IN	11,113	7/16"	76	142	94	11,113
	A1211-11.2	11,2		76	142	94	11,2
	A1211-11.25	11,25		76	142	94	11,25
	A1211-11.3	11,3		76	142	94	11,3
	A1211-11.4	11,4		76	142	94	11,4
	A1211-11.5	11,5		76	142	94	11,5
	A1211-29/64IN	11,509	29/64"	76	142	94	11,509
	A1211-11.6	11,6		76	142	94	11,6
	A1211-11.7	11,7		76	142	94	11,7
	A1211-11.75	11,75		76	142	94	11,75
	A1211-11.8	11,8		76	142	94	11,8
	A1211-11.9	11,9		87	151	101	11,9

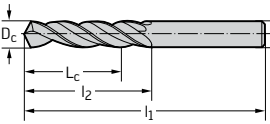
Cylindrical shank

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●● Primary application ● Other application
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New addition to the product range = 🆕 🆕 🆕 / ★

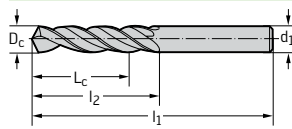
Tool	Designation	D_c h8 mm	D_c Inch/Nr	L_c mm	l_1 mm	l_2 mm	d_1 f11 mm
	A1211-15/32IN	11,906	15/32"	87	151	101	11,906
	A1211-12	12		87	151	101	12
	A1211-12.1	12,1		87	151	101	12,1
	A1211-12.2	12,2		87	151	101	12,2
	A1211-12.25	12,25		87	151	101	12,25
	A1211-12.3	12,3		87	151	101	12,3
	A1211-31/64IN	12,303	31/64"	87	151	101	12,303
	A1211-12.4	12,4		87	151	101	12,4
	A1211-12.5	12,5		87	151	101	12,5
	A1211-12.6	12,6		87	151	101	12,6
	A1211-1/2IN	12,700	1/2"	87	151	101	12,7
	A1211-12.75	12,75		87	151	101	12,75
	A1211-12.8	12,8		87	151	101	12,8
	A1211-12.9	12,9		87	151	101	12,9
	A1211-13	13		87	151	101	13
	A1211-33/64IN	13,097		87	151	101	13,097
	A1211-13.1	13,1		87	151	101	13,1
	A1211-13.2	13,2		87	151	101	13,2
	A1211-13.25	13,25		94	160	108	13,25
	A1211-13.3	13,3		94	160	108	13,3
	A1211-13.4	13,4		94	160	108	13,4
	A1211-17/32IN	13,494	17/32"	94	160	108	13,494
	A1211-13.5	13,5		94	160	108	13,5
	A1211-13.6	13,6		94	160	108	13,6
	A1211-13.7	13,7		94	160	108	13,7
	A1211-13.75	13,75		94	160	108	13,75
	A1211-13.8	13,8		94	160	108	13,8
	A1211-35/64IN	13,891		94	160	108	13,891
	A1211-13.9	13,9		94	160	108	13,9
	A1211-14	14		94	160	108	14
	A1211-14.1	14,1		99	169	114	14,1
	A1211-14.2	14,2		99	169	114	14,2
	A1211-14.25	14,25		99	169	114	14,25
	A1211-9/16IN	14,288	9/16"	99	169	114	14,288
	A1211-14.3	14,3		99	169	114	14,3
	A1211-14.5	14,5		99	169	114	14,5
	A1211-37/64IN	14,684	37/64"	99	169	114	14,684
	A1211-14.75	14,75		99	169	114	14,75
	A1211-15	15		99	169	114	15
	A1211-19/32IN	15,081	19/32"	104	178	120	15,081
	A1211-15.2	15,2		104	178	120	15,2
	A1211-15.25	15,25		104	178	120	15,25
	A1211-39/64IN	15,478	39/64"	104	178	120	15,478
	A1211-15.5	15,5		104	178	120	15,5
	A1211-15.75	15,75		104	178	120	15,75
	A1211-5/8IN	15,875	5/8"	104	178	120	15,875

Cylindrical shank

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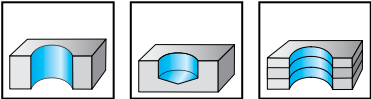
Tool		D _c h8 mm	D _c inch/Nr	L _c mm	l ₁ mm	l ₂ mm	d ₁ f11 mm
 Cylindrical shank	Designation						
	A1211-16	16		104	178	120	16
	A1211-41/64IN	16,272		108	184	125	16,272
	A1211-16.5	16,5		108	184	125	16,5
	A1211-21/32IN	16,669		108	184	125	16,669
	A1211-17	17		108	184	125	17
	A1211-43/64IN	17,066		112	191	130	17,066
	A1211-11/16IN	17,463		112	191	130	17,463
	A1211-17.5	17,5		112	191	130	17,5
	A1211-18	18		112	191	130	18
	A1211-18.5	18,5		116	198	135	18,5
	A1211-19	19		116	198	135	19
	A1211-19.5	19,5		120	205	140	19,5
	A1211-20	20		120	205	140	20
	A1211-21	21		123	213	145	21
	A1211-22	22		127	221	150	22

B1

HSS A1211TIN twist drill set
Z3219TIN



– Type N

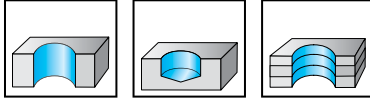


Tool						TIN
	Designation	D _{cmin} mm	D _{cmax} mm	Pitch mm	Quantity	
	Z3219TIN-1-13	1	13	0,5	25	

HSS A1211 twist drill set Z3218



– Type N



B1

Tool					
	Designation	D _{cmin} mm	D _{cmax} mm	Pitch mm	Quantity
	Z3218-1-10.5	1	10,5	0,5	24

Bodies and assembly parts are included in the scope of delivery

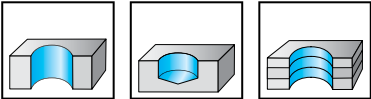
**WALTER
SELECT**

●● Primary application ● Other application
 Best tool for → Good = 😊 → Average = 😐 → Poor = ☹️ machining conditions

HSS A1211 twist drill set
Z3219



– Type N



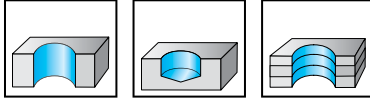
Tool					
	Designation	D _{cmin} mm	D _{cmax} mm	Pitch mm	Quantity
	Z3219-1-13	1	13	0,5	25

Bodies and assembly parts are included in the scope of delivery

**HSS A121 twist drill set
Z3213**



- Type N



B1

Tool	Designation	D _{cmin} mm	D _{cmax} mm	Pitch mm	Quantity
	Z3213-1-6	1	6	0,1	51

Bodies and assembly parts are included in the scope of delivery

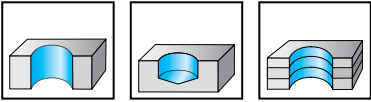
WALTER
SELECT

Best tool for → Good = 😊 → Average = 😐 → Poor = 😞 machining conditions

HSS A1211 twist drill set
Z3216



– Type N



Tool					
	Designation	D _{cmin} mm	D _{cmax} mm	Pitch mm	Quantity
	Z3216-6-10	6	10	0,1	41

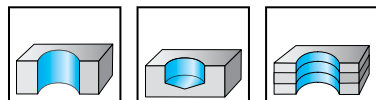
Bodies and assembly parts are included in the scope of delivery

HSS twist drills

DA110 Perform



- Available as a set
- Type N



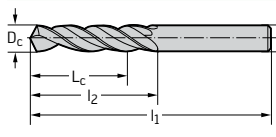
	P	M	K	N	S	H	O
WZ90AJ	●●	●	●●	●			●

Tool	Designation	D _c h8 mm	L _c mm	l ₁ mm	l ₂ mm	d ₁ F11 mm	WZ90AJ
Cylindrical shank	DA110-08-01.000U0-	1	10	34	12	1	✖
	DA110-08-01.100U0-	1,1	12	36	14	1,1	✖
	DA110-08-01.200U0-	1,2	14	38	16	1,2	✖
	DA110-08-01.300U0-	1,3	14	38	16	1,3	✖
	DA110-08-01.400U0-	1,4	15	40	18	1,4	✖
	DA110-08-01.500U0-	1,5	15	40	18	1,5	✖
	DA110-08-01.600U0-	1,6	17	43	20	1,6	✖
	DA110-08-01.700U0-	1,7	17	43	20	1,7	✖
	DA110-08-01.800U0-	1,8	19	46	22	1,8	✖
	DA110-08-01.900U0-	1,9	19	46	22	1,9	✖
	DA110-08-02.000U0-	2	20	49	24	2	✖
	DA110-08-02.100U0-	2,1	20	49	24	2,1	✖
	DA110-08-02.200U0-	2,2	23	53	27	2,2	✖
	DA110-08-02.300U0-	2,3	23	53	27	2,3	✖
	DA110-08-02.400U0-	2,4	26	57	30	2,4	✖
	DA110-08-02.500U0-	2,5	26	57	30	2,5	✖
	DA110-08-02.600U0-	2,6	26	57	30	2,6	✖
	DA110-08-02.700U0-	2,7	28	61	33	2,7	✖
	DA110-08-02.800U0-	2,8	28	61	33	2,8	✖
	DA110-08-02.900U0-	2,9	28	61	33	2,9	✖
	DA110-08-03.000U0-	3	28	61	33	3	✖
	DA110-08-03.100U0-	3,1	30	65	36	3,1	✖
	DA110-08-03.200U0-	3,2	30	65	36	3,2	✖
	DA110-08-03.300U0-	3,3	30	65	36	3,3	✖
	DA110-08-03.400U0-	3,4	33	70	39	3,4	✖
	DA110-08-03.500U0-	3,5	33	70	39	3,5	✖
	DA110-08-03.600U0-	3,6	33	70	39	3,6	✖
	DA110-08-03.700U0-	3,7	33	70	39	3,7	✖
	DA110-08-03.800U0-	3,8	36	75	43	3,8	✖
	DA110-08-03.900U0-	3,9	36	75	43	3,9	✖
	DA110-08-04.000U0-	4	36	75	43	4	✖
	DA110-08-04.100U0-	4,1	36	75	43	4,1	✖
	DA110-08-04.200U0-	4,2	36	75	43	4,2	✖
	DA110-08-04.300U0-	4,3	39	80	47	4,3	✖
	DA110-08-04.400U0-	4,4	39	80	47	4,4	✖
	DA110-08-04.500U0-	4,5	39	80	47	4,5	✖

Ordering example for the grade WZ90AJ: DA110-08-01.000U0-WZ90AJ

**WALTER
SELECT**

●● Primary application ● Other application
Best tool for → Good = 😊 → Average = 😐 → Poor = 😞 machining conditions

Tool	Designation	D _c h8 mm	L _c mm	l ₁ mm	l ₂ mm	d ₁ f11 mm	WZ90AJ
	DA110-08-04.600U0-	4,6	39	80	47	4,6	☹
	DA110-08-04.700U0-	4,7	39	80	47	4,7	☹
Cylindrical shank	DA110-08-04.800U0-	4,8	44	86	52	4,8	☹
	DA110-08-04.900U0-	4,9	44	86	52	4,9	☹
	DA110-08-05.000U0-	5	44	86	52	5	☹
	DA110-08-05.100U0-	5,1	44	86	52	5,1	☹
	DA110-08-05.200U0-	5,2	44	86	52	5,2	☹
	DA110-08-05.300U0-	5,3	44	86	52	5,3	☹
	DA110-08-05.400U0-	5,4	48	93	57	5,4	☹
	DA110-08-05.500U0-	5,5	48	93	57	5,5	☹
	DA110-08-05.600U0-	5,6	48	93	57	5,6	☹
	DA110-08-05.700U0-	5,7	48	93	57	5,7	☹
	DA110-08-05.800U0-	5,8	48	93	57	5,8	☹
	DA110-08-05.900U0-	5,9	48	93	57	5,9	☹
	DA110-08-06.000U0-	6	48	93	57	6	☹
	DA110-08-06.100U0-	6,1	52	101	63	6,1	☹
	DA110-08-06.200U0-	6,2	52	101	63	6,2	☹
	DA110-08-06.300U0-	6,3	52	101	63	6,3	☹
	DA110-08-06.400U0-	6,4	52	101	63	6,4	☹
	DA110-08-06.500U0-	6,5	52	101	63	6,5	☹
	DA110-08-06.600U0-	6,6	52	101	63	6,6	☹
	DA110-08-06.700U0-	6,7	52	101	63	6,7	☹
	DA110-08-06.800U0-	6,8	57	109	69	6,8	☹
	DA110-08-06.900U0-	6,9	57	109	69	6,9	☹
	DA110-08-07.000U0-	7	57	109	69	7	☹
	DA110-08-07.100U0-	7,1	57	109	69	7,1	☹
	DA110-08-07.200U0-	7,2	57	109	69	7,2	☹
	DA110-08-07.300U0-	7,3	57	109	69	7,3	☹
	DA110-08-07.400U0-	7,4	57	109	69	7,4	☹
	DA110-08-07.500U0-	7,5	57	109	69	7,5	☹
	DA110-08-07.600U0-	7,6	62	117	75	7,6	☹
	DA110-08-07.700U0-	7,7	62	117	75	7,7	☹
	DA110-08-07.800U0-	7,8	62	117	75	7,8	☹
	DA110-08-07.900U0-	7,9	62	117	75	7,9	☹
	DA110-08-08.000U0-	8	62	117	75	8	☹
	DA110-08-08.100U0-	8,1	62	117	75	8,1	☹
	DA110-08-08.200U0-	8,2	62	117	75	8,2	☹
	DA110-08-08.300U0-	8,3	62	117	75	8,3	☹
	DA110-08-08.400U0-	8,4	62	117	75	8,4	☹
	DA110-08-08.500U0-	8,5	62	117	75	8,5	☹
	DA110-08-08.600U0-	8,6	66	125	81	8,6	☹
	DA110-08-08.700U0-	8,7	66	125	81	8,7	☹
	DA110-08-08.800U0-	8,8	66	125	81	8,8	☹
	DA110-08-08.900U0-	8,9	66	125	81	8,9	☹
	DA110-08-09.000U0-	9	66	125	81	9	☹
	DA110-08-09.100U0-	9,1	66	125	81	9,1	☹

Ordering example for the grade WZ90AJ: DA110-08-01.000U0-WZ90AJ

**WALTER
SELECT**

● ● Primary application ● Other application
 Best tool for → Good = 😊 → Average = 😐 → Poor = ☹ machining conditions

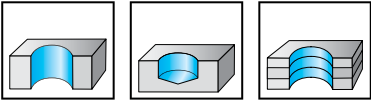
Tool		D _c h8 mm	L _c mm	l ₁ mm	l ₂ mm	d ₁ f11 mm	WZ90AJ
	Designation						
	Cylindrical shank						
	DA110-08-09.200U0-	9,2	66	125	81	9,2	☹
	DA110-08-09.300U0-	9,3	66	125	81	9,3	☹
	DA110-08-09.400U0-	9,4	66	125	81	9,4	☹
	DA110-08-09.500U0-	9,5	66	125	81	9,5	☹
	DA110-08-09.600U0-	9,6	71	133	87	9,6	☹
	DA110-08-09.700U0-	9,7	71	133	87	9,7	☹
	DA110-08-09.800U0-	9,8	71	133	87	9,8	☹
	DA110-08-09.900U0-	9,9	71	133	87	9,9	☹
	DA110-08-10.000U0-	10	71	133	87	10	☹
	DA110-08-10.100U0-	10,1	71	133	87	10,1	☹
	DA110-08-10.200U0-	10,2	71	133	87	10,2	☹
	DA110-08-10.300U0-	10,3	71	133	87	10,3	☹
	DA110-08-10.400U0-	10,4	71	133	87	10,4	☹
	DA110-08-10.500U0-	10,5	71	133	87	10,5	☹
	DA110-08-10.700U0-	10,7	76	142	94	10,7	☹
	DA110-08-10.800U0-	10,8	76	142	94	10,8	☹
	DA110-08-11.000U0-	11	76	142	94	11	☹
	DA110-08-11.100U0-	11,1	76	142	94	11,1	☹
	DA110-08-11.300U0-	11,3	76	142	94	11,3	☹
	DA110-08-11.500U0-	11,5	76	142	94	11,5	☹
	DA110-08-11.800U0-	11,8	76	142	94	11,8	☹
	DA110-08-12.000U0-	12	87	151	101	12	☹
	DA110-08-12.100U0-	12,1	87	151	101	12,1	☹
	DA110-08-12.200U0-	12,2	87	151	101	12,2	☹
	DA110-08-12.500U0-	12,5	87	151	101	12,5	☹
	DA110-08-13.000U0-	13	87	151	101	13	☹
	DA110-08-13.500U0-	13,5	94	160	108	13,5	☹
	DA110-08-13.700U0-	13,7	94	160	108	13,7	☹
	DA110-08-14.000U0-	14	94	160	108	14	☹
	DA110-08-14.500U0-	14,5	99	169	114	14,5	☹
	DA110-08-15.000U0-	15	99	169	114	15	☹
	DA110-08-15.500U0-	15,5	104	178	120	15,5	☹
	DA110-08-16.000U0-	16	104	178	120	16	☹

Ordering example for the grade WZ90AJ: DA110-08-01.000U0-WZ90AJ

HSS drill cartridge
DA110 Perform



– Type N



	P	M	K	N	S	H	O
WZ90AJ	●●	●	●●	●	●		●

Tool						WZ90AJ
	Designation	D _{cmin} mm	D _{cmax} mm	Pitch mm	Quantity	
	DA110-SET-1-10.5-	1	10,5	0,5	24	☒

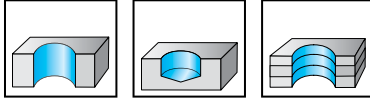
B1

HSS drill cartridge

DA110 Perform



– Type N



	P	M	K	N	S	H	O
WZ90AJ	●●	●	●●	●	●		●

Tool



Designation
DA110-SET-1-13-

D_{cmin}
mm

1

D_{cmax}
mm

13

Pitch
mm

0,5

Quantity

25

WZ90AJ
✖

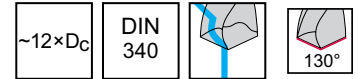
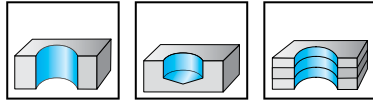
**WALTER
SELECT**

●● Primary application ● Other application
Best tool for → Good = 😊 → Average = 😐 → Poor = ☹ machining conditions

HSS-E deep-hole drills, long

A1549TFP

UFL®



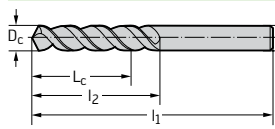
	P	M	K	N	S	H	O
TFP	●●	●●	●●	●●	●		●

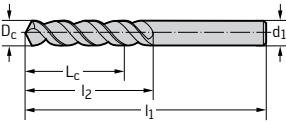
B1

Tool	Designation	D _c h8 mm	L _c mm	l ₁ mm	l ₂ mm	d ₁ f11 mm
Cylindrical shank	A1549TFP-1	1	31	56	33	1
	A1549TFP-1.1	1.1	35	60	37	1.1
	A1549TFP-1.2	1.2	39	65	41	1.2
	A1549TFP-1.3	1.3	39	65	41	1.3
	A1549TFP-1.4	1.4	42	70	45	1.4
	A1549TFP-1.5	1.5	42	70	45	1.5
	A1549TFP-1.6	1.6	47	76	50	1.6
	A1549TFP-1.7	1.7	47	76	50	1.7
	A1549TFP-1.8	1.8	50	80	53	1.8
	A1549TFP-1.9	1.9	50	80	53	1.9
	A1549TFP-2	2	52	85	56	2
	A1549TFP-2.1	2.1	52	85	56	2.1
	A1549TFP-2.2	2.2	55	90	59	2.2
	A1549TFP-2.3	2.3	55	90	59	2.3
	A1549TFP-2.4	2.4	58	95	62	2.4
	A1549TFP-2.5	2.5	58	95	62	2.5
	A1549TFP-2.6	2.6	58	95	62	2.6
	A1549TFP-2.7	2.7	61	100	66	2.7
	A1549TFP-2.8	2.8	61	100	66	2.8
	A1549TFP-2.9	2.9	61	100	66	2.9
	A1549TFP-3	3	61	100	66	3
	A1549TFP-3.1	3.1	63	106	69	3.1
	A1549TFP-3.2	3.2	63	106	69	3.2
	A1549TFP-3.3	3.3	63	106	69	3.3
	A1549TFP-3.4	3.4	67	112	73	3.4
	A1549TFP-3.5	3.5	67	112	73	3.5
	A1549TFP-3.6	3.6	67	112	73	3.6
	A1549TFP-3.7	3.7	67	112	73	3.7
	A1549TFP-3.8	3.8	71	119	78	3.8
	A1549TFP-3.9	3.9	71	119	78	3.9
	A1549TFP-4	4	71	119	78	4
	A1549TFP-4.1	4.1	71	119	78	4.1
	A1549TFP-4.2	4.2	71	119	78	4.2
	A1549TFP-4.3	4.3	74	126	82	4.3
	A1549TFP-4.4	4.4	74	126	82	4.4
	A1549TFP-4.5	4.5	74	126	82	4.5

**WALTER
SELECT**

●● Primary application ● Other application
 Best tool for → Good = 😊 → Average = 😐 → Poor = ☹️ machining conditions

Tool	Designation	D _c h8 mm	L _c mm	l ₁ mm	l ₂ mm	d ₁ f11 mm
	A1549TFP-4.6	4,6	74	126	82	4,6
	A1549TFP-4.7	4,7	74	126	82	4,7
	A1549TFP-4.8	4,8	79	132	87	4,8
	A1549TFP-4.9	4,9	79	132	87	4,9
Cylindrical shank	A1549TFP-5	5	79	132	87	5
	A1549TFP-5.1	5,1	79	132	87	5,1
	A1549TFP-5.2	5,2	79	132	87	5,2
	A1549TFP-5.3	5,3	79	132	87	5,3
	A1549TFP-5.4	5,4	82	139	91	5,4
	A1549TFP-5.5	5,5	82	139	91	5,5
	A1549TFP-5.6	5,6	82	139	91	5,6
	A1549TFP-5.7	5,7	82	139	91	5,7
	A1549TFP-5.8	5,8	82	139	91	5,8
	A1549TFP-5.9	5,9	82	139	91	5,9
	A1549TFP-6	6	82	139	91	6
	A1549TFP-6.1	6,1	86	148	97	6,1
	A1549TFP-6.2	6,2	86	148	97	6,2
	A1549TFP-6.3	6,3	86	148	97	6,3
	A1549TFP-6.4	6,4	86	148	97	6,4
	A1549TFP-6.5	6,5	86	148	97	6,5
	A1549TFP-6.6	6,6	86	148	97	6,6
	A1549TFP-6.7	6,7	86	148	97	6,7
	A1549TFP-6.8	6,8	90	156	102	6,8
	A1549TFP-6.9	6,9	90	156	102	6,9
	A1549TFP-7	7	90	156	102	7
	A1549TFP-7.1	7,1	90	156	102	7,1
	A1549TFP-7.2	7,2	90	156	102	7,2
	A1549TFP-7.3	7,3	90	156	102	7,3
	A1549TFP-7.4	7,4	90	156	102	7,4
	A1549TFP-7.5	7,5	90	156	102	7,5
	A1549TFP-7.6	7,6	96	165	109	7,6
	A1549TFP-7.7	7,7	96	165	109	7,7
	A1549TFP-7.8	7,8	96	165	109	7,8
	A1549TFP-7.9	7,9	96	165	109	7,9
	A1549TFP-8	8	96	165	109	8
	A1549TFP-8.1	8,1	96	165	109	8,1
	A1549TFP-8.2	8,2	96	165	109	8,2
	A1549TFP-8.3	8,3	96	165	109	8,3
	A1549TFP-8.4	8,4	96	165	109	8,4
	A1549TFP-8.5	8,5	96	165	109	8,5
	A1549TFP-8.6	8,6	100	175	115	8,6
	A1549TFP-8.7	8,7	100	175	115	8,7
	A1549TFP-8.8	8,8	100	175	115	8,8
	A1549TFP-8.9	8,9	100	175	115	8,9
	A1549TFP-9	9	100	175	115	9
	A1549TFP-9.1	9,1	100	175	115	9,1

Tool		D _c h8 mm	L _c mm	l ₁ mm	l ₂ mm	d ₁ f11 mm
 Cylindrical shank	Designation					
	A1549TFP-9.3	9,3	100	175	115	9,3
	A1549TFP-9.4	9,4	100	175	115	9,4
	A1549TFP-9.5	9,5	100	175	115	9,5
	A1549TFP-9.6	9,6	105	184	121	9,6
	A1549TFP-9.7	9,7	105	184	121	9,7
	A1549TFP-9.8	9,8	105	184	121	9,8
	A1549TFP-9.9	9,9	105	184	121	9,9
	A1549TFP-10	10	105	184	121	10
	A1549TFP-10.2	10,2	105	184	121	10,2
	A1549TFP-10.5	10,5	105	184	121	10,5
	A1549TFP-11	11	110	195	128	11
	A1549TFP-11.5	11,5	110	195	128	11,5
	A1549TFP-12	12	120	205	134	12

B1

**WALTER
SELECT**

●● Primary application ● Other application
 Best tool for → Good = 😊 → Average = 😐 → Poor = ☹️ machining conditions

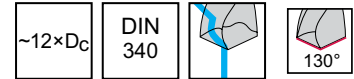
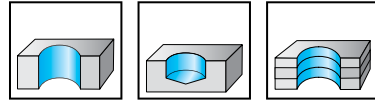
HSS-E twist drills, long

A1547

Alpha® XE



– Uncoated up to 1.9 mm

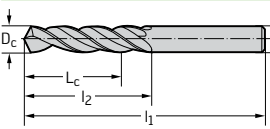


	P	M	K	N	S	H	O
uncoated	●	●●	●●	●	●●		●

Tool	Designation	D _c h8 mm	D _c Inch/Nr	L _c mm	l ₁ mm	l ₂ mm	d ₁ f11 mm
 Cylindrical shank	A1547-1	1		31	56	33	1
	A1547-N060	1,016	No. 60	31	56	33	1,016
	A1547-N059	1,041	No. 59	31	56	33	1,041
	A1547-N058	1,067	No. 58	35	60	37	1,067
	A1547-1.1	1.1		35	60	37	1.1
	A1547-N056	1,181	No. 56	39	65	41	1,181
	A1547-3/64IN	1,191	3/64"	39	65	41	1,191
	A1547-1.2	1.2		39	65	41	1.2
	A1547-1.3	1.3		39	65	41	1.3
	A1547-N055	1,321	No. 55	42	70	45	1,321
	A1547-1.4	1.4		42	70	45	1.4
	A1547-1.5	1.5		42	70	45	1.5
	A1547-N053	1,511	No. 53	47	76	50	1,511
	A1547-1/16IN	1,588	1/16"	47	76	50	1,588
	A1547-1.6	1.6		47	76	50	1.6
	A1547-N052	1,613	No. 52	47	76	50	1,613
	A1547-1.7	1.7		47	76	50	1.7
	A1547-N051	1,702	No. 51	50	80	53	1,702
	A1547-N050	1,778	No. 50	50	80	53	1,778
	A1547-1.8	1.8		50	80	53	1.8
	A1547-N049	1,854	No. 49	50	80	53	1,854
	A1547-1.9	1.9		50	80	53	1.9
	A1547-N048	1,930	No. 48	52	85	56	1,930
	A1547-5/64IN	1,984	5/64"	52	85	56	1,984
	A1547-N047	1,994	No. 47	52	85	56	1,994
	A1547-2	2		52	85	56	2
	A1547-N046	2,057	No. 46	52	85	56	2,057
	A1547-N045	2,083	No. 45	52	85	56	2,083
	A1547-2.1	2.1		52	85	56	2.1
	A1547-N044	2,184	No. 44	55	90	59	2,184
	A1547-2.2	2.2		55	90	59	2.2
	A1547-N043	2,261	No. 43	55	90	59	2,261
	A1547-2.3	2.3		55	90	59	2.3
	A1547-N042	2,375	No. 42	58	95	62	2,375
	A1547-3/32IN	2,381	3/32"	58	95	62	2,381
	A1547-2.4	2.4		58	95	62	2.4

**WALTER
SELECT**

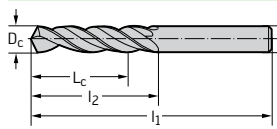
●● Primary application ● Other application
Best tool for → Good = 😊 → Average = 😐 → Poor = 😞 machining conditions

Tool	Designation	D _c h8 mm	D _c Inch/Nr	L _c mm	l ₁ mm	l ₂ mm	d ₁ f11 mm
	A1547-N041	2,438	No. 41	58	95	62	2,438
	A1547-N040	2,489	No. 40	58	95	62	2,489
Cylindrical shank	A1547-2.5	2,5		58	95	62	2,5
	A1547-N038	2,578	No. 38	58	95	62	2,578
	A1547-2.6	2,6		58	95	62	2,6
	A1547-N037	2,642	No. 37	58	95	62	2,642
	A1547-2.7	2,7		61	100	66	2,7
	A1547-7/64IN	2,778	7/64"	61	100	66	2,778
	A1547-2.8	2,8		61	100	66	2,8
	A1547-N033	2,870	No. 33	61	100	66	2,87
	A1547-2.9	2,9		61	100	66	2,9
	A1547-N032	2,946	No. 32	61	100	66	2,946
	A1547-3	3		61	100	66	3
	A1547-N031	3,048	No. 31	63	106	69	3,048
	A1547-3.1	3,1		63	106	69	3,1
	A1547-1/8IN	3,175	1/8"	63	106	69	3,175
	A1547-3.2	3,2		63	106	69	3,2
	A1547-N030	3,264	No. 30	63	106	69	3,264
	A1547-3.3	3,3		63	106	69	3,3
	A1547-3.4	3,4		67	112	73	3,4
	A1547-3.5	3,5		67	112	73	3,5
	A1547-9/64IN	3,572	9/64"	67	112	73	3,572
	A1547-3.6	3,6		67	112	73	3,6
	A1547-3.7	3,7		67	112	73	3,7
	A1547-3.8	3,8		71	119	78	3,8
	A1547-3.9	3,9		71	119	78	3,9
	A1547-5/32IN	3,969	5/32"	71	119	78	3,969
	A1547-4	4		71	119	78	4
	A1547-4.1	4,1		71	119	78	4,1
	A1547-4.2	4,2		71	119	78	4,2
	A1547-4.3	4,3		74	126	82	4,3
	A1547-4.4	4,4		74	126	82	4,4
	A1547-4.5	4,5		74	126	82	4,5
	A1547-4.6	4,6		74	126	82	4,6
	A1547-4.7	4,7		74	126	82	4,7
	A1547-3/16IN	4,763	3/16"	79	132	87	4,763
	A1547-4.8	4,8		79	132	87	4,8
	A1547-4.9	4,9		79	132	87	4,9
	A1547-5	5		79	132	87	5
	A1547-5.1	5,1		79	132	87	5,1
	A1547-13/64IN	5,159	13/64"	79	132	87	5,159
	A1547-5.2	5,2		79	132	87	5,2
	A1547-5.4	5,4		82	139	91	5,4
	A1547-5.5	5,5		82	139	91	5,5
	A1547-7/32IN	5,556	7/32"	82	139	91	5,556
	A1547-5.6	5,6		82	139	91	5,6

B1

**WALTER
SELECT**

●● Primary application ● Other application
 Best tool for → Good = 😊 → Average = 😐 → Poor = ☹️ machining conditions

Tool	Designation	D _c h8 mm	D _c Inch/Nr	L _c mm	l ₁ mm	l ₂ mm	d ₁ f11 mm
	A1547-5.7	5,7		82	139	91	5,7
	A1547-5.8	5,8		82	139	91	5,8
	A1547-5.9	5,9		82	139	91	5,9
	A1547-15/64IN	5,953	15/64"	82	139	91	5,953
	A1547-6	6		82	139	91	6
	A1547-6.1	6,1		86	148	97	6,1
	A1547-6.2	6,2		86	148	97	6,2
	A1547-6.3	6,3		86	148	97	6,3
	A1547-1/4IN	6,350	1/4"	86	148	97	6,35
	A1547-6.4	6,4		86	148	97	6,4
	A1547-6.5	6,5		86	148	97	6,5
	A1547-6.6	6,6		86	148	97	6,6
	A1547-6.7	6,7		86	148	97	6,7
	A1547-17/64IN	6,747	17/64"	90	156	102	6,747
	A1547-6.8	6,8		90	156	102	6,8
	A1547-7	7		90	156	102	7
	A1547-9/32IN	7,144	9/32"	90	156	102	7,144
	A1547-7.5	7,5		90	156	102	7,5
	A1547-7.7	7,7		96	165	109	7,7
	A1547-7.8	7,8		96	165	109	7,8
	A1547-7.9	7,9		96	165	109	7,9
	A1547-5/16IN	7,938	5/16"	96	165	109	7,938
	A1547-8	8		96	165	109	8
	A1547-8.1	8,1		96	165	109	8,1
	A1547-8.2	8,2		96	165	109	8,2
	A1547-8.3	8,3		96	165	109	8,3
	A1547-8.5	8,5		96	165	109	8,5
	A1547-8.6	8,6		100	175	115	8,6
	A1547-8.7	8,7		100	175	115	8,7
	A1547-11/32IN	8,731	11/32"	100	175	115	8,731
	A1547-8.8	8,8		100	175	115	8,8
	A1547-9	9		100	175	115	9
	A1547-23/64IN	9,128	23/64"	100	175	115	9,128
	A1547-3/8IN	9,525	3/8"	105	184	121	9,525
	A1547-25/64IN	9,922	25/64"	105	184	121	9,922
	A1547-10	10		105	184	121	10
	A1547-10.2	10,2		105	184	121	10,2
	A1547-13/32IN	10,319	13/32"	105	184	121	10,319
	A1547-10.5	10,5		105	184	121	10,5
	A1547-27/64IN	10,716	27/64"	110	195	128	10,716
	A1547-11	11		110	195	128	11
	A1547-7/16IN	11,113	7/16"	110	195	128	11,113
	A1547-11.5	11,5		110	195	128	11,5
	A1547-15/32IN	11,906	15/32"	120	205	134	11,906
	A1547-12	12		120	205	134	12
	A1547-31/64IN	12,303	31/64"	120	205	134	12,303
	A1547-1/2IN	12,700	1/2"	120	205	134	12,7

Cylindrical shank

B1

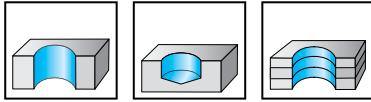
WALTER
SELECT

●● Primary application ● Other application
 Best tool for → Good = 😊 → Average = 😐 → Poor = 😞 machining conditions

HSS-E twist drills, long

A1544

VA

~12×D_CDIN
340

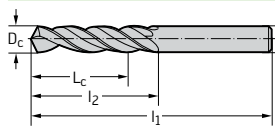
	P	M	K	N	S	H	O
uncoated	●	●●	●	●	●●	●	●

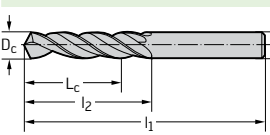
B1

Tool	Designation	D _C h8 mm	L _C mm	l ₁ mm	l ₂ mm	d ₁ f11 mm
Cylindrical shank	A1544-1	1	31	56	33	1
	A1544-1.1	1.1	35	60	37	1.1
	A1544-1.2	1.2	39	65	41	1.2
	A1544-1.3	1.3	39	65	41	1.3
	A1544-1.4	1.4	42	70	45	1.4
	A1544-1.5	1.5	42	70	45	1.5
	A1544-1.6	1.6	47	76	50	1.6
	A1544-1.7	1.7	47	76	50	1.7
	A1544-1.8	1.8	50	80	53	1.8
	A1544-1.9	1.9	50	80	53	1.9
	A1544-2	2	52	85	56	2
	A1544-2.1	2.1	52	85	56	2.1
	A1544-2.2	2.2	55	90	59	2.2
	A1544-2.3	2.3	55	90	59	2.3
	A1544-2.4	2.4	58	95	62	2.4
	A1544-2.5	2.5	58	95	62	2.5
	A1544-2.6	2.6	58	95	62	2.6
	A1544-2.7	2.7	61	100	66	2.7
	A1544-2.8	2.8	61	100	66	2.8
	A1544-2.9	2.9	61	100	66	2.9
	A1544-3	3	61	100	66	3
	A1544-3.1	3.1	63	106	69	3.1
	A1544-3.2	3.2	63	106	69	3.2
	A1544-3.3	3.3	63	106	69	3.3
	A1544-3.4	3.4	67	112	73	3.4
	A1544-3.5	3.5	67	112	73	3.5
	A1544-3.6	3.6	67	112	73	3.6
	A1544-3.7	3.7	67	112	73	3.7
	A1544-3.8	3.8	71	119	78	3.8
	A1544-3.9	3.9	71	119	78	3.9
	A1544-4	4	71	119	78	4
	A1544-4.1	4.1	71	119	78	4.1
	A1544-4.2	4.2	71	119	78	4.2
	A1544-4.3	4.3	74	126	82	4.3
	A1544-4.4	4.4	74	126	82	4.4
	A1544-4.5	4.5	74	126	82	4.5

WALTER
SELECT

●● Primary application ● Other application
 Best tool for → Good = 😊 → Average = 😐 → Poor = ☹️ machining conditions

Tool	Designation	D _c h8 mm	L _c mm	l ₁ mm	l ₂ mm	d ₁ f11 mm
	A1544-4.6	4,6	74	126	82	4,6
	A1544-4.7	4,7	74	126	82	4,7
	A1544-4.8	4,8	79	132	87	4,8
	A1544-4.9	4,9	79	132	87	4,9
Cylindrical shank	A1544-5	5	79	132	87	5
	A1544-5.1	5,1	79	132	87	5,1
	A1544-5.2	5,2	79	132	87	5,2
	A1544-5.3	5,3	79	132	87	5,3
	A1544-5.4	5,4	82	139	91	5,4
	A1544-5.5	5,5	82	139	91	5,5
	A1544-5.6	5,6	82	139	91	5,6
	A1544-5.7	5,7	82	139	91	5,7
	A1544-5.8	5,8	82	139	91	5,8
	A1544-5.9	5,9	82	139	91	5,9
	A1544-6	6	82	139	91	6
	A1544-6.1	6,1	86	148	97	6,1
	A1544-6.2	6,2	86	148	97	6,2
	A1544-6.3	6,3	86	148	97	6,3
	A1544-6.4	6,4	86	148	97	6,4
	A1544-6.5	6,5	86	148	97	6,5
	A1544-6.6	6,6	86	148	97	6,6
	A1544-6.7	6,7	86	148	97	6,7
	A1544-6.8	6,8	90	156	102	6,8
	A1544-6.9	6,9	90	156	102	6,9
	A1544-7	7	90	156	102	7
	A1544-7.1	7,1	90	156	102	7,1
	A1544-7.2	7,2	90	156	102	7,2
	A1544-7.3	7,3	90	156	102	7,3
	A1544-7.4	7,4	90	156	102	7,4
	A1544-7.5	7,5	90	156	102	7,5
	A1544-7.6	7,6	96	165	109	7,6
	A1544-7.7	7,7	96	165	109	7,7
	A1544-7.8	7,8	96	165	109	7,8
	A1544-7.9	7,9	96	165	109	7,9
	A1544-8	8	96	165	109	8
	A1544-8.1	8,1	96	165	109	8,1
	A1544-8.2	8,2	96	165	109	8,2
	A1544-8.3	8,3	96	165	109	8,3
	A1544-8.4	8,4	96	165	109	8,4
	A1544-8.5	8,5	96	165	109	8,5
	A1544-8.6	8,6	100	175	115	8,6
	A1544-8.7	8,7	100	175	115	8,7
	A1544-8.8	8,8	100	175	115	8,8
	A1544-8.9	8,9	100	175	115	8,9
	A1544-9	9	100	175	115	9
	A1544-9.1	9,1	100	175	115	9,1

Tool		Designation	D _c h8 mm	L _c mm	l ₁ mm	l ₂ mm	d ₁ f11 mm
 Cylindrical shank		A1544-9.2	9,2	100	175	115	9,2
		A1544-9.3	9,3	100	175	115	9,3
		A1544-9.4	9,4	100	175	115	9,4
		A1544-9.5	9,5	100	175	115	9,5
		A1544-9.6	9,6	105	184	121	9,6
		A1544-9.7	9,7	105	184	121	9,7
		A1544-9.8	9,8	105	184	121	9,8
		A1544-9.9	9,9	105	184	121	9,9
		A1544-10	10	105	184	121	10
		A1544-10.2	10,2	105	184	121	10,2
		A1544-10.5	10,5	105	184	121	10,5
		A1544-10.8	10,8	110	195	128	10,8
		A1544-11	11	110	195	128	11
		A1544-11.2	11,2	110	195	128	11,2
		A1544-11.5	11,5	110	195	128	11,5
		A1544-11.8	11,8	110	195	128	11,8
		A1544-12	12	120	205	134	12

B1

**WALTER
SELECT**

●● Primary application ● Other application
 Best tool for → Good = 😊 → Average = 😐 → Poor = ☹️ machining conditions

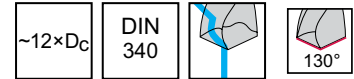
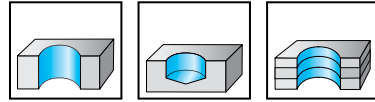
HSS deep-hole drills, long

A1522

UFL®



– Uncoated up to 1.9 mm

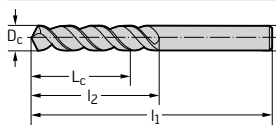


	P	M	K	N	S	H	O
uncoated	●●	●	●●	●●	●		●

Tool	Designation	D _c h8 mm	D _c Inch/Nr	L _c mm	l ₁ mm	l ₂ mm	d ₁ f11 mm
Cylindrical shank	A1522-1	1		31	56	33	1
	A1522-N060	1,016	No. 60	31	56	33	1,016
	A1522-N059	1,041	No. 59	31	56	33	1,041
	A1522-N058	1,067	No. 58	35	60	37	1,067
	A1522-N057	1,092	No. 57	35	60	37	1,092
	A1522-1.1	1.1		35	60	37	1.1
	A1522-N056	1,181	No. 56	39	65	41	1,181
	A1522-3/64IN	1,191	3/64"	39	65	41	1,191
	A1522-1.2	1.2		39	65	41	1.2
	A1522-1.3	1.3		39	65	41	1.3
	A1522-N055	1,321	No. 55	42	70	45	1,321
	A1522-N054	1,397	No. 54	42	70	45	1,397
	A1522-1.4	1.4		42	70	45	1.4
	A1522-1.5	1.5		42	70	45	1.5
	A1522-N053	1,511	No. 53	47	76	50	1,511
	A1522-1/16IN	1,588	1/16"	47	76	50	1,588
	A1522-1.6	1.6		47	76	50	1.6
	A1522-N052	1,613	No. 52	47	76	50	1,613
	A1522-1.7	1.7		47	76	50	1.7
	A1522-N051	1,702	No. 51	50	80	53	1,702
	A1522-N050	1,778	No. 50	50	80	53	1,778
	A1522-1.8	1.8		50	80	53	1.8
	A1522-N049	1,854	No. 49	50	80	53	1,854
	A1522-1.9	1.9		50	80	53	1.9
	A1522-N048	1,930	No. 48	52	85	56	1,930
	A1522-5/64IN	1,984	5/64"	52	85	56	1,984
	A1522-N047	1,994	No. 47	52	85	56	1,994
	A1522-2	2		52	85	56	2
	A1522-N046	2,057	No. 46	52	85	56	2,057
	A1522-N045	2,083	No. 45	52	85	56	2,083
	A1522-2.1	2.1		52	85	56	2.1
	A1522-N044	2,184	No. 44	55	90	59	2,184
	A1522-2.2	2.2		55	90	59	2.2
	A1522-N043	2,261	No. 43	55	90	59	2,261
	A1522-2.3	2.3		55	90	59	2.3
	A1522-N042	2,375	No. 42	58	95	62	2,375

**WALTER
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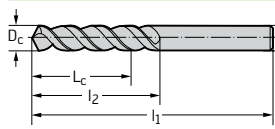
●● Primary application ● Other application
Best tool for → Good = 😊 → Average = 😐 → Poor = 😞 machining conditions

Tool	Designation	D _c h8 mm	D _c Inch/Nr	L _c mm	l ₁ mm	l ₂ mm	d ₁ f11 mm
	A1522-3/32IN	2,381	3/32"	58	95	62	2,381
	A1522-2.4	2,4		58	95	62	2,4
Cylindrical shank	A1522-N041	2,438	No. 41	58	95	62	2,438
	A1522-N040	2,489	No. 40	58	95	62	2,489
	A1522-2.5	2,5		58	95	62	2,5
	A1522-N039	2,527	No. 39	58	95	62	2,527
	A1522-N038	2,578	No. 38	58	95	62	2,578
	A1522-2.6	2,6		58	95	62	2,6
	A1522-N037	2,642	No. 37	58	95	62	2,642
	A1522-2.7	2,7		61	100	66	2,7
	A1522-N036	2,705	No. 36	61	100	66	2,705
	A1522-7/64IN	2,778	7/64"	61	100	66	2,778
	A1522-N035	2,794	No. 35	61	100	66	2,794
	A1522-2.8	2,8		61	100	66	2,8
	A1522-N034	2,819	No. 34	61	100	66	2,819
	A1522-N033	2,870	No. 33	61	100	66	2,87
	A1522-2.9	2,9		61	100	66	2,9
	A1522-N032	2,946	No. 32	61	100	66	2,946
	A1522-3	3		61	100	66	3
	A1522-N031	3,048	No. 31	63	106	69	3,048
	A1522-3.1	3,1		63	106	69	3,1
	A1522-1/8IN	3,175	1/8"	63	106	69	3,175
	A1522-3.2	3,2		63	106	69	3,2
	A1522-N030	3,264	No. 30	63	106	69	3,264
	A1522-3.3	3,3		63	106	69	3,3
	A1522-3.4	3,4		67	112	73	3,4
	A1522-N029	3,454	No. 29	67	112	73	3,454
	A1522-3.5	3,5		67	112	73	3,5
	A1522-N028	3,569	No. 28	67	112	73	3,569
	A1522-9/64IN	3,572	9/64"	67	112	73	3,572
	A1522-3.6	3,6		67	112	73	3,6
	A1522-N027	3,658	No. 27	67	112	73	3,658
	A1522-3.7	3,7		67	112	73	3,7
	A1522-N026	3,734	No. 26	67	112	73	3,734
	A1522-N025	3,797	No. 25	71	119	78	3,797
	A1522-3.8	3,8		71	119	78	3,8
	A1522-N024	3,861	No. 24	71	119	78	3,861
	A1522-3.9	3,9		71	119	78	3,9
	A1522-N023	3,912	No. 23	71	119	78	3,912
	A1522-5/32IN	3,969	5/32"	71	119	78	3,969
	A1522-N022	3,988	No. 22	71	119	78	3,988
	A1522-4	4		71	119	78	4
	A1522-N021	4,039	No. 21	71	119	78	4,039
	A1522-N020	4,089	No. 20	71	119	78	4,089
	A1522-4.1	4,1		71	119	78	4,1
	A1522-4.2	4,2		71	119	78	4,2

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**WALTER
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●● Primary application ● Other application
 Best tool for → Good = 😊 → Average = 😐 → Poor = ☹️ machining conditions

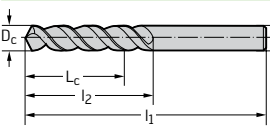
Tool	Designation	D _c h8 mm	D _c Inch/Nr	L _c mm	l ₁ mm	l ₂ mm	d ₁ f11 mm
	A1522-N019	4,216	No. 19	71	119	78	4,216
	A1522-4.3	4,3		74	126	82	4,3
	A1522-N018	4,305	No. 18	74	126	82	4,305
	A1522-11/64IN	4,366	11/64"	74	126	82	4,366
	A1522-N017	4,394	No. 17	74	126	82	4,394
	A1522-4.4	4,4		74	126	82	4,4
	A1522-N016	4,496	No. 16	74	126	82	4,496
	A1522-4.5	4,5		74	126	82	4,5
	A1522-N015	4,572	No. 15	74	126	82	4,572
	A1522-4.6	4,6		74	126	82	4,6
	A1522-N014	4,623	No. 14	74	126	82	4,623
	A1522-N013	4,699	No. 13	74	126	82	4,699
	A1522-4.7	4,7		74	126	82	4,7
	A1522-3/16IN	4,763	3/16"	79	132	87	4,763
	A1522-4.8	4,8		79	132	87	4,8
	A1522-N011	4,851	No. 11	79	132	87	4,851
	A1522-4.9	4,9		79	132	87	4,9
	A1522-N010	4,915	No. 10	79	132	87	4,915
	A1522-N09	4,978	No. 09	79	132	87	4,978
	A1522-5	5		79	132	87	5
	A1522-N08	5,055	No. 08	79	132	87	5,055
	A1522-5.1	5,1		79	132	87	5,1
	A1522-N07	5,105	No. 07	79	132	87	5,105
	A1522-13/64IN	5,159	13/64"	79	132	87	5,159
	A1522-N06	5,182	No. 06	79	132	87	5,182
	A1522-5.2	5,2		79	132	87	5,2
	A1522-N05	5,220	No. 05	79	132	87	5,22
	A1522-5.3	5,3		79	132	87	5,3
	A1522-N04	5,309	No. 04	82	139	91	5,309
	A1522-5.4	5,4		82	139	91	5,4
	A1522-N03	5,410	No. 03	82	139	91	5,41
	A1522-5.5	5,5		82	139	91	5,5
	A1522-7/32IN	5,556	7/32"	82	139	91	5,556
	A1522-5.6	5,6		82	139	91	5,6
	A1522-N02	5,613	No. 02	82	139	91	5,613
	A1522-5.7	5,7		82	139	91	5,7
	A1522-N01	5,791	No. 01	82	139	91	5,791
	A1522-5.8	5,8		82	139	91	5,8
	A1522-5.9	5,9		82	139	91	5,9
	A1522-15/64IN	5,953	15/64"	82	139	91	5,953
	A1522-6	6		82	139	91	6
	A1522-6.1	6,1		86	148	97	6,1
	A1522-6.2	6,2		86	148	97	6,2
	A1522-6.3	6,3		86	148	97	6,3
	A1522-1/4IN	6,350	1/4"	86	148	97	6,35
	A1522-6.4	6,4		86	148	97	6,4

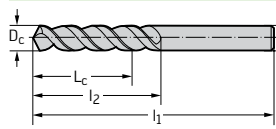
Cylindrical shank

B1

WALTER
SELECT

●● Primary application ● Other application
 Best tool for → Good = 😊 → Average = 😐 → Poor = ☹️ machining conditions

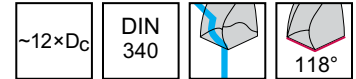
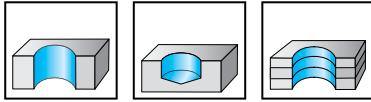
Tool	Designation	D _c h8 mm	D _c Inch/Nr	L _c mm	l ₁ mm	l ₂ mm	d ₁ f11 mm
	A1522-6.5	6,5		86	148	97	6,5
	A1522-6.6	6,6		86	148	97	6,6
Cylindrical shank	A1522-6.7	6,7		86	148	97	6,7
	A1522-17/64IN	6,747	17/64"	90	156	102	6,747
	A1522-6.8	6,8		90	156	102	6,8
	A1522-6.9	6,9		90	156	102	6,9
	A1522-7	7		90	156	102	7
	A1522-7.1	7,1		90	156	102	7,1
	A1522-9/32IN	7,144	9/32"	90	156	102	7,144
	A1522-7.2	7,2		90	156	102	7,2
	A1522-7.3	7,3		90	156	102	7,3
	A1522-7.4	7,4		90	156	102	7,4
	A1522-7.5	7,5		90	156	102	7,5
	A1522-19/64IN	7,541	19/64"	96	165	109	7,541
	A1522-7.6	7,6		96	165	109	7,6
	A1522-7.7	7,7		96	165	109	7,7
	A1522-7.8	7,8		96	165	109	7,8
	A1522-7.9	7,9		96	165	109	7,9
	A1522-5/16IN	7,938	5/16"	96	165	109	7,938
	A1522-8	8		96	165	109	8
	A1522-8.1	8,1		96	165	109	8,1
	A1522-8.2	8,2		96	165	109	8,2
	A1522-8.3	8,3		96	165	109	8,3
	A1522-21/64IN	8,334	21/64"	96	165	109	8,334
	A1522-8.4	8,4		96	165	109	8,4
	A1522-8.5	8,5		96	165	109	8,5
	A1522-8.6	8,6		100	175	115	8,6
	A1522-8.7	8,7		100	175	115	8,7
	A1522-11/32IN	8,731	11/32"	100	175	115	8,731
	A1522-8.8	8,8		100	175	115	8,8
	A1522-8.9	8,9		100	175	115	8,9
	A1522-9	9		100	175	115	9
	A1522-9.1	9,1		100	175	115	9,1
	A1522-23/64IN	9,128	23/64"	100	175	115	9,128
	A1522-9.2	9,2		100	175	115	9,2
	A1522-9.3	9,3		100	175	115	9,3
	A1522-9.4	9,4		100	175	115	9,4
	A1522-9.5	9,5		100	175	115	9,5
	A1522-3/8IN	9,525	3/8"	105	184	121	9,525
	A1522-9.6	9,6		105	184	121	9,6
	A1522-9.7	9,7		105	184	121	9,7
	A1522-9.8	9,8		105	184	121	9,8
	A1522-9.9	9,9		105	184	121	9,9
	A1522-25/64IN	9,922	25/64"	105	184	121	9,922
	A1522-10	10		105	184	121	10
	A1522-10.2	10,2		105	184	121	10,2

Tool	Designation	D _c h8 mm	D _c Inch/Nr	L _c mm	l ₁ mm	l ₂ mm	d ₁ f11 mm
	A1522-13/32IN	10,319	13/32"	105	184	121	10,319
	A1522-10.5	10,5		105	184	121	10,5
Cylindrical shank	A1522-27/64IN	10,716	27/64"	110	195	128	10,716
	A1522-10.8	10,8		110	195	128	10,8
	A1522-11	11		110	195	128	11
	A1522-7/16IN	11,113	7/16"	110	195	128	11,113
	A1522-11.2	11,2		110	195	128	11,2
	A1522-11.5	11,5		110	195	128	11,5
	A1522-29/64IN	11,509	29/64"	110	195	128	11,509
	A1522-11.8	11,8		110	195	128	11,8
	A1522-15/32IN	11,906	15/32"	120	205	134	11,906
	A1522-12	12		120	205	134	12
	A1522-31/64IN	12,303	31/64"	120	205	134	12,303
	A1522-1/2IN	12,700	1/2"	120	205	134	12,7
	A1522-9/16IN	14,288	9/16"	129	220	144	14,288
	A1522-37/64IN	14,684	37/64"	129	220	144	14,684
	A1522-39/64IN	15,478	39/64"	133	227	149	15,478
	A1522-5/8IN	15,875	5/8"	133	227	149	15,875
	A1522-21/32IN	16,669		137	235	154	16,669
	A1522-11/16IN	17,463		140	241	158	17,463
	A1522-3/4IN	19,050	3/4"	146	254	166	19,05
	A1522-25/32IN	19,844		146	254	166	19,844
	A1522-13/16IN	20,638		149	261	171	20,638
	A1522-7/8IN	22,225	7/8"	153	268	176	22,225

HSS twist drills, long

A1511

- Uncoated up to 3 mm
- Type N



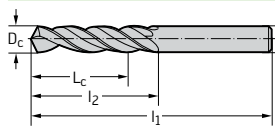
	P	M	K	N	S	H	O
uncoated	●	●	●	●	●		●

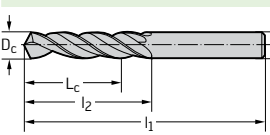
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Tool	Designation	D _c h8 mm	L _c mm	l ₁ mm	l ₂ mm	d ₁ f11 mm
Cylindrical shank	A1511-0.5	0,5	11,2	32	12	0,5
	A1511-0.6	0,6	14,1	35	15	0,6
	A1511-0.7	0,7	19,8	42	21	0,7
	A1511-0.8	0,8	23,7	46	25	0,8
	A1511-0.9	0,9	27,5	51	29	0,9
	A1511-1	1	31	56	33	1
	A1511-1.1	1,1	35	60	37	1,1
	A1511-1.2	1,2	39	65	41	1,2
	A1511-1.3	1,3	39	65	41	1,3
	A1511-1.4	1,4	42	70	45	1,4
	A1511-1.5	1,5	42	70	45	1,5
	A1511-1.6	1,6	47	76	50	1,6
	A1511-1.65	1,65	47	76	50	1,65
	A1511-1.7	1,7	47	76	50	1,7
	A1511-1.75	1,75	50	80	53	1,75
	A1511-1.8	1,8	50	80	53	1,8
	A1511-1.9	1,9	50	80	53	1,9
	A1511-2	2	52	85	56	2
	A1511-2.05	2,05	52	85	56	2,05
	A1511-2.1	2,1	52	85	56	2,1
	A1511-2.2	2,2	55	90	59	2,2
	A1511-2.25	2,25	55	90	59	2,25
	A1511-2.3	2,3	55	90	59	2,3
	A1511-2.4	2,4	58	95	62	2,4
	A1511-2.5	2,5	58	95	62	2,5
	A1511-2.6	2,6	58	95	62	2,6
	A1511-2.7	2,7	61	100	66	2,7
	A1511-2.8	2,8	61	100	66	2,8
	A1511-2.9	2,9	61	100	66	2,9
	A1511-3	3	61	100	66	3
	A1511-3.1	3,1	63	106	69	3,1
	A1511-3.15	3,15	63	106	69	3,15
	A1511-3.2	3,2	63	106	69	3,2
	A1511-3.3	3,3	63	106	69	3,3
	A1511-3.4	3,4	67	112	73	3,4
	A1511-3.5	3,5	67	112	73	3,5

**WALTER
SELECT**

●● Primary application ● Other application
 Best tool for → Good = 😊 → Average = 😐 → Poor = ☹️ machining conditions

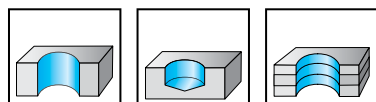
Tool	Designation	D _c h8 mm	L _c mm	l ₁ mm	l ₂ mm	d ₁ f11 mm
 Cylindrical shank	A1511-3.6	3,6	67	112	73	3,6
	A1511-3.7	3,7	67	112	73	3,7
	A1511-3.8	3,8	71	119	78	3,8
	A1511-3.9	3,9	71	119	78	3,9
	A1511-4	4	71	119	78	4
	A1511-4.1	4,1	71	119	78	4,1
	A1511-4.2	4,2	71	119	78	4,2
	A1511-4.25	4,25	71	119	78	4,25
	A1511-4.3	4,3	74	126	82	4,3
	A1511-4.4	4,4	74	126	82	4,4
	A1511-4.5	4,5	74	126	82	4,5
	A1511-4.6	4,6	74	126	82	4,6
	A1511-4.7	4,7	74	126	82	4,7
	A1511-4.75	4,75	74	126	82	4,75
	A1511-4.8	4,8	79	132	87	4,8
	A1511-4.9	4,9	79	132	87	4,9
	A1511-5	5	79	132	87	5
	A1511-5.1	5,1	79	132	87	5,1
	A1511-5.2	5,2	79	132	87	5,2
	A1511-5.25	5,25	79	132	87	5,25
	A1511-5.3	5,3	79	132	87	5,3
	A1511-5.4	5,4	82	139	91	5,4
	A1511-5.5	5,5	82	139	91	5,5
	A1511-5.6	5,6	82	139	91	5,6
	A1511-5.7	5,7	82	139	91	5,7
	A1511-5.75	5,75	82	139	91	5,75
	A1511-5.8	5,8	82	139	91	5,8
	A1511-5.9	5,9	82	139	91	5,9
	A1511-6	6	82	139	91	6
	A1511-6.1	6,1	86	148	97	6,1
	A1511-6.2	6,2	86	148	97	6,2
	A1511-6.3	6,3	86	148	97	6,3
	A1511-6.4	6,4	86	148	97	6,4
	A1511-6.5	6,5	86	148	97	6,5
	A1511-6.6	6,6	86	148	97	6,6
	A1511-6.7	6,7	86	148	97	6,7
	A1511-6.75	6,75	90	156	102	6,75
	A1511-6.8	6,8	90	156	102	6,8
	A1511-6.9	6,9	90	156	102	6,9
	A1511-7	7	90	156	102	7
	A1511-7.1	7,1	90	156	102	7,1
	A1511-7.2	7,2	90	156	102	7,2
	A1511-7.25	7,25	90	156	102	7,25
	A1511-7.3	7,3	90	156	102	7,3
	A1511-7.4	7,4	90	156	102	7,4
	A1511-7.5	7,5	90	156	102	7,5

Tool	Designation	D _c h8 mm	L _c mm	l ₁ mm	l ₂ mm	d ₁ f11 mm
 Cylindrical shank	A1511-7.6	7,6	96	165	109	7,6
	A1511-7.7	7,7	96	165	109	7,7
	A1511-7.8	7,8	96	165	109	7,8
	A1511-7.9	7,9	96	165	109	7,9
	A1511-8	8	96	165	109	8
	A1511-8.1	8,1	96	165	109	8,1
	A1511-8.2	8,2	96	165	109	8,2
	A1511-8.3	8,3	96	165	109	8,3
	A1511-8.4	8,4	96	165	109	8,4
	A1511-8.5	8,5	96	165	109	8,5
	A1511-8.6	8,6	100	175	115	8,6
	A1511-8.7	8,7	100	175	115	8,7
	A1511-8.75	8,75	100	175	115	8,75
	A1511-8.8	8,8	100	175	115	8,8
	A1511-8.9	8,9	100	175	115	8,9
	A1511-9	9	100	175	115	9
	A1511-9.1	9,1	100	175	115	9,1
	A1511-9.2	9,2	100	175	115	9,2
	A1511-9.25	9,25	100	175	115	9,25
	A1511-9.3	9,3	100	175	115	9,3
	A1511-9.4	9,4	100	175	115	9,4
	A1511-9.5	9,5	100	175	115	9,5
	A1511-9.6	9,6	105	184	121	9,6
	A1511-9.7	9,7	105	184	121	9,7
	A1511-9.75	9,75	105	184	121	9,75
	A1511-9.8	9,8	105	184	121	9,8
	A1511-9.9	9,9	105	184	121	9,9
	A1511-10	10	105	184	121	10
	A1511-10.1	10,1	105	184	121	10,1
	A1511-10.2	10,2	105	184	121	10,2
	A1511-10.3	10,3	105	184	121	10,3
	A1511-10.4	10,4	105	184	121	10,4
	A1511-10.5	10,5	105	184	121	10,5
	A1511-10.7	10,7	110	195	128	10,7
	A1511-10.8	10,8	110	195	128	10,8
	A1511-11	11	110	195	128	11
	A1511-11.5	11,5	110	195	128	11,5
	A1511-11.8	11,8	110	195	128	11,8
	A1511-12	12	120	205	134	12
	A1511-12.5	12,5	120	205	134	12,5
	A1511-13	13	120	205	134	13
	A1511-13.5	13,5	126	214	140	13,5
	A1511-14	14	126	214	140	14
	A1511-14.5	14,5	129	220	144	14,5
	A1511-15	15	129	220	144	15
	A1511-15.5	15,5	133	227	149	15,5
	A1511-16	16	133	227	149	16
	A1511-17	17	137	235	154	17
	A1511-18	18	140	241	158	18
	A1511-19	19	143	247	162	19
	A1511-20	20	146	254	166	20
	A1511-21	21	149	261	171	21
	A1511-22	22	153	268	176	22

HSS deep-hole drills, extra long

A1622

UFL®

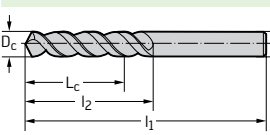


	P	M	K	N	S	H	O
uncoated	●●	●	●●	●●	●		●

Tool	Designation	D _c h8 mm	D _c Inch/Nr	L _c mm	l ₁ mm	l ₂ mm	d ₁ f11 mm
 Cylindrical shank	A1622-2	2		81	125	85	2
	A1622-2.1	2,1		81	125	85	2,1
	A1622-2.2	2,2		86	135	90	2,2
	A1622-2.3	2,3		86	135	90	2,3
	A1622-3/32IN	2,381	3/32"	91	140	95	2,381
	A1622-2.4	2,4		91	140	95	2,4
	A1622-N040	2,489	No. 40	91	140	95	2,489
	A1622-2.5	2,5		91	140	95	2,5
	A1622-N039	2,527	No. 39	91	140	95	2,527
	A1622-N038	2,578	No. 38	91	140	95	2,578
	A1622-2.6	2,6		91	140	95	2,6
	A1622-N037	2,642	No. 37	91	140	95	2,642
	A1622-2.7	2,7		95	150	100	2,7
	A1622-N036	2,705	No. 36	95	150	100	2,705
	A1622-7/64IN	2,778	7/64"	95	150	100	2,778
	A1622-N035	2,794	No. 35	95	150	100	2,794
	A1622-2.8	2,8		95	150	100	2,8
	A1622-N034	2,819	No. 34	95	150	100	2,819
	A1622-N033	2,870	No. 33	95	150	100	2,87
	A1622-2.9	2,9		95	150	100	2,9
	A1622-N032	2,946	No. 32	95	150	100	2,946
	A1622-3	3		95	150	100	3
	A1622-N031	3,048	No. 31	99	155	105	3,048
	A1622-3.1	3,1		99	155	105	3,1
	A1622-1/8IN	3,175	1/8"	99	155	105	3,175
	A1622-3.2	3,2		99	155	105	3,2
	A1622-N030	3,264	No. 30	99	155	105	3,264
	A1622-3.3	3,3		99	155	105	3,3
	A1622-3.4	3,4		109	165	115	3,4
	A1622-N029	3,454	No. 29	109	165	115	3,454
	A1622-3.5	3,5		109	165	115	3,5
	A1622-N028	3,569	No. 28	109	165	115	3,569
	A1622-9/64IN	3,572	9/64"	109	165	115	3,572
	A1622-3.6	3,6		109	165	115	3,6
	A1622-N027	3,658	No. 27	109	165	115	3,658
	A1622-3.7	3,7		109	165	115	3,7

WALTER
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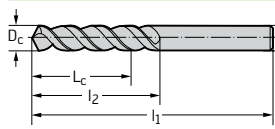
●● Primary application ● Other application
Best tool for → Good = 😊 → Average = 😐 → Poor = 😞 machining conditions

Tool	Designation	D_c h8 mm	D_c Inch/Nr	L_c mm	l_1 mm	l_2 mm	d_1 f11 mm
	A1622-N026	3,734	No. 26	109	165	115	3,734
	A1622-N025	3,797	No. 25	113	175	120	3,797
Cylindrical shank	A1622-3.8	3,8		113	175	120	3,8
	A1622-N024	3,861	No. 24	113	175	120	3,861
	A1622-3.9	3,9		113	175	120	3,9
	A1622-N023	3,912	No. 23	113	175	120	3,912
	A1622-5/32IN	3,969	5/32"	113	175	120	3,969
	A1622-N022	3,988	No. 22	113	175	120	3,988
	A1622-4	4		113	175	120	4
	A1622-N021	4,039	No. 21	113	175	120	4,039
	A1622-N020	4,089	No. 20	113	175	120	4,089
	A1622-4.1	4,1		113	175	120	4,1
	A1622-4.2	4,2		113	175	120	4,2
	A1622-N019	4,216	No. 19	113	175	120	4,216
	A1622-4.3	4,3		117	185	125	4,3
	A1622-N018	4,305	No. 18	117	185	125	4,305
	A1622-11/64IN	4,366	11/64"	117	185	125	4,366
	A1622-N017	4,394	No. 17	117	185	125	4,394
	A1622-4.4	4,4		117	185	125	4,4
	A1622-N016	4,496	No. 16	117	185	125	4,496
	A1622-4.5	4,5		117	185	125	4,5
	A1622-N015	4,572	No. 15	117	185	125	4,572
	A1622-4.6	4,6		117	185	125	4,6
	A1622-N014	4,623	No. 14	117	185	125	4,623
	A1622-N013	4,699	No. 13	117	185	125	4,699
	A1622-4.7	4,7		117	185	125	4,7
	A1622-3/16IN	4,763	3/16"	127	195	135	4,763
	A1622-4.8	4,8		127	195	135	4,8
	A1622-N012	4,801	No. 12	127	195	135	4,801
	A1622-N011	4,851	No. 11	127	195	135	4,851
	A1622-4.9	4,9		127	195	135	4,9
	A1622-N010	4,915	No. 10	127	195	135	4,915
	A1622-N09	4,978	No. 09	127	195	135	4,978
	A1622-5	5		127	195	135	5
	A1622-N08	5,055	No. 08	127	195	135	5,055
	A1622-5.1	5,1		127	195	135	5,1
	A1622-N07	5,105	No. 07	127	195	135	5,105
	A1622-13/64IN	5,159	13/64"	127	195	135	5,159
	A1622-N06	5,182	No. 06	127	195	135	5,182
	A1622-5.2	5,2		127	195	135	5,2
	A1622-N05	5,220	No. 05	127	195	135	5,22
	A1622-5.3	5,3		127	195	135	5,3
	A1622-N04	5,309	No. 04	131	205	140	5,309
	A1622-5.4	5,4		131	205	140	5,4
	A1622-N03	5,410	No. 03	131	205	140	5,41
	A1622-5.5	5,5		131	205	140	5,5

B1

**WALTER
SELECT**

●● Primary application ● Other application
 Best tool for → Good = 😊 → Average = 😐 → Poor = ☹️ machining conditions

Tool	Designation	D _c h8 mm	D _c Inch/Nr	L _c mm	l ₁ mm	l ₂ mm	d ₁ f11 mm
	A1622-7/32IN	5,556	7/32"	131	205	140	5,556
	A1622-5.6	5,6		131	205	140	5,6
	A1622-N02	5,613	No. 02	131	205	140	5,613
	A1622-5.7	5,7		131	205	140	5,7
	A1622-N01	5,791	No. 01	131	205	140	5,791
	A1622-5.8	5,8		131	205	140	5,8
	A1622-5.9	5,9		131	205	140	5,9
	A1622-15/64IN	5,953	15/64"	131	205	140	5,953
	A1622-6	6		131	205	140	6
	A1622-6.1	6,1		139	215	150	6,1
	A1622-6.2	6,2		139	215	150	6,2
	A1622-6.3	6,3		139	215	150	6,3
	A1622-1/4IN	6,350	1/4"	139	215	150	6,35
	A1622-6.4	6,4		139	215	150	6,4
	A1622-6.5	6,5		139	215	150	6,5
	A1622-6.6	6,6		139	215	150	6,6
	A1622-6.7	6,7		139	215	150	6,7
	A1622-17/64IN	6,747	17/64"	143	225	155	6,747
	A1622-6.8	6,8		143	225	155	6,8
	A1622-6.9	6,9		143	225	155	6,9
	A1622-7	7		143	225	155	7
	A1622-7.1	7,1		143	225	155	7,1
	A1622-9/32IN	7,144	9/32"	143	225	155	7,144
	A1622-7.2	7,2		143	225	155	7,2
	A1622-7.3	7,3		143	225	155	7,3
	A1622-7.4	7,4		143	225	155	7,4
	A1622-7.5	7,5		143	225	155	7,5
	A1622-19/64IN	7,541	19/64"	152	240	165	7,541
	A1622-7.6	7,6		152	240	165	7,6
	A1622-7.7	7,7		152	240	165	7,7
	A1622-7.8	7,8		152	240	165	7,8
	A1622-7.9	7,9		152	240	165	7,9
	A1622-5/16IN	7,938	5/16"	152	240	165	7,938
	A1622-8	8		152	240	165	8
	A1622-8.1	8,1		152	240	165	8,1
	A1622-8.2	8,2		152	240	165	8,2
	A1622-8.3	8,3		152	240	165	8,3
	A1622-21/64IN	8,334	21/64"	152	240	165	8,334
	A1622-8.4	8,4		152	240	165	8,4
	A1622-8.5	8,5		152	240	165	8,5
	A1622-8.6	8,6		160	250	175	8,6
	A1622-8.7	8,7		160	250	175	8,7
	A1622-11/32IN	8,731	11/32"	160	250	175	8,731
	A1622-8.8	8,8		160	250	175	8,8
	A1622-8.9	8,9		160	250	175	8,9
	A1622-9	9		160	250	175	9

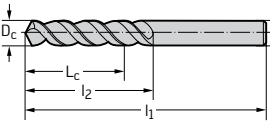
Cylindrical shank

B1

WALTER
SELECT

●● Primary application ● Other application
 Best tool for → Good = 😊 → Average = 😐 → Poor = ☹️ machining conditions

New addition to the product range = 🌟 🌟 🌟 / ★

Tool	Designation	D _c h8 mm	D _c Inch/Nr	L _c mm	l ₁ mm	l ₂ mm	d ₁ f11 mm
	A1622-9.1	9,1		160	250	175	9,1
	A1622-23/64IN	9,128	23/64"	160	250	175	9,128
Cylindrical shank	A1622-9.2	9,2		160	250	175	9,2
	A1622-9.3	9,3		160	250	175	9,3
	A1622-9.4	9,4		160	250	175	9,4
	A1622-9.5	9,5		160	250	175	9,5
	A1622-3/8IN	9,525	3/8"	169	265	185	9,525
	A1622-9.6	9,6		169	265	185	9,6
	A1622-9.7	9,7		169	265	185	9,7
	A1622-9.8	9,8		169	265	185	9,8
	A1622-9.9	9,9		169	265	185	9,9
	A1622-25/64IN	9,922	25/64"	169	265	185	9,922
	A1622-10	10		169	265	185	10
	A1622-13/32IN	10,319	13/32"	169	265	185	10,319
	A1622-10.5	10,5		169	265	185	10,5
	A1622-27/64IN	10,716	27/64"	177	280	195	10,716
	A1622-11	11		177	280	195	11
	A1622-7/16IN	11,113	7/16"	177	280	195	11,113
	A1622-11.5	11,5		177	280	195	11,5
	A1622-29/64IN	11,509	29/64"	177	280	195	11,509
	A1622-15/32IN	11,906	15/32"	191	295	205	11,906
	A1622-12	12		191	295	205	12
	A1622-31/64IN	12,303	31/64"	191	295	205	12,303
	A1622-1/2IN	12,700	1/2"	191	295	205	12,7

B1

**WALTER
SELECT**

●● Primary application ● Other application
 Best tool for → Good = 😊 → Average = 😐 → Poor = ☹️ machining conditions

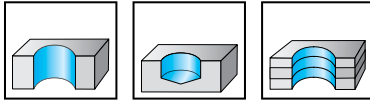
HSS deep-hole drills, extra long

A1722

UFL®



B1



~22×D_C

DIN 1869-II



	P	M	K	N	S	H	O
uncoated	●●	●	●●	●●	●		●

Tool	Designation	D _C h8 mm	L _C mm	l ₁ mm	l ₂ mm	d ₁ f11 mm
Cylindrical shank	A1722-3	3	125	190	130	3
	A1722-3.5	3,5	139	210	145	3,5
	A1722-4	4	143	220	150	4
	A1722-4.5	4,5	152	235	160	4,5
	A1722-5	5	162	245	170	5
	A1722-5.5	5,5	171	260	180	5,5
	A1722-6	6	171	260	180	6
	A1722-6.5	6,5	179	275	190	6,5
	A1722-7	7	188	290	200	7
	A1722-7.5	7,5	188	290	200	7,5
	A1722-8	8	197	305	210	8
	A1722-8.5	8,5	197	305	210	8,5
	A1722-9	9	205	320	220	9
	A1722-9.5	9,5	205	320	220	9,5
	A1722-10	10	219	340	235	10
	A1722-10.5	10,5	219	340	235	10,5
	A1722-11	11	232	360	250	11
	A1722-11.5	11,5	232	360	250	11,5
	A1722-12	12	246	380	260	12

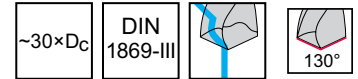
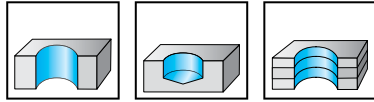
WALTER
SELECT

●● Primary application ● Other application
Best tool for → Good = 😊 → Average = 😐 → Poor = 😞 machining conditions

HSS deep-hole drills, extra long

A1822

UFL®



	P	M	K	N	S	H	O
uncoated	●●	●	●●	●●	●		●

B1

Tool		D _c h8 mm	L _c mm	l ₁ mm	l ₂ mm	d ₁ f11 mm
Cylindrical shank	Designation					
	A1822-3.5	3,5	174	265	180	3,5
	A1822-4	4	183	280	190	4
	A1822-4.5	4,5	192	295	200	4,5
	A1822-5	5	202	315	210	5
	A1822-5.5	5,5	216	330	225	5,5
	A1822-6	6	216	330	225	6
	A1822-6.5	6,5	224	350	235	6,5
	A1822-7	7	238	370	250	7
	A1822-7.5	7,5	238	370	250	7,5
	A1822-8	8	252	390	265	8
	A1822-8.5	8,5	252	390	265	8,5
	A1822-9	9	265	410	280	9
	A1822-9.5	9,5	265	410	280	9,5
	A1822-10	10	279	430	295	10
	A1822-10.5	10,5	279	430	295	10,5
	A1822-11	11	287	450	305	11
	A1822-11.5	11,5	287	450	305	11,5
	A1822-12	12	291	480	305	12

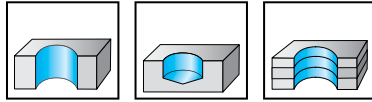
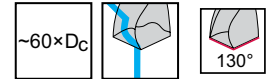
WALTER
SELECT

●● Primary application ● Other application
 Best tool for → Good = 😊 → Average = 😐 → Poor = ☹️ machining conditions

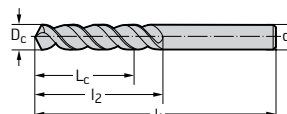
HSS deep-hole drills, super long

A1922S

UFL®



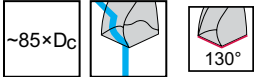
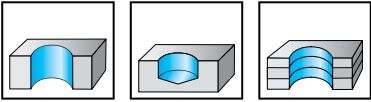
	P	M	K	N	S	H	O
uncoated	●●	●	●●	●●	●		●

Tool	Designation	D _c h8 mm	L _c mm	l ₁ mm	l ₂ mm	d ₁ f11 mm
 Cylindrical shank	A1922S-6	6	389	500	400	6
	A1922S-6.5	6,5	389	500	400	6,5
	A1922S-7	7	389	500	400	7
	A1922S-8	8	536	650	550	8
	A1922S-9	9	536	650	550	9
	A1922S-10	10	680	800	700	10
	A1922S-11	11	680	800	700	11
	A1922S-12	12	680	800	700	12
	A1922S-13	13	680	800	700	13
	A1922S-14	14	680	800	700	14

**WALTER
SELECT**

●● Primary application ● Other application
Best tool for → Good = 😊 → Average = 😐 → Poor = 😞 machining conditions

HSS deep-hole drills, super long
A1922L
UFL®



	P	M	K	N	S	H	O
uncoated	●●	●	●●	●●	●		●

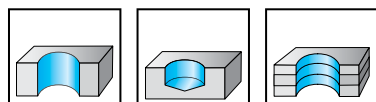
Tool		D _c h8 mm	L _c mm	l ₁ mm	l ₂ mm	d ₁ f11 mm
	A1922L-8	8	685	800	700	8
	A1922L-10	10	769	1.000	800	10
	A1922L-12	12	769	1.000	800	12
Cylindrical shank						

B1

HSS-E twist drills with Morse taper

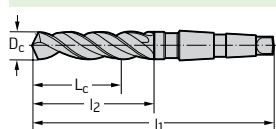
A4244

VA



	P	M	K	N	S	H	O
uncoated	●	●●	●	●	●●	●	●

Tool



Morse taper

Designation

D_c
h8
mm

L_c
mm

l₁
mm

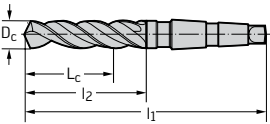
l₂
mm

MK

A4244-10	10	71	168	87	MK1 B
A4244-10.2	10,2	71	168	87	MK1 B
A4244-10.5	10,5	71	168	87	MK1 B
A4244-10.8	10,8	76	175	94	MK1 B
A4244-11	11	76	175	94	MK1 B
A4244-11.2	11,2	76	175	94	MK1 B
A4244-11.5	11,5	76	175	94	MK1 B
A4244-11.8	11,8	76	175	94	MK1 B
A4244-12	12	87	182	101	MK1 B
A4244-12.2	12,2	87	182	101	MK1 B
A4244-12.5	12,5	87	182	101	MK1 B
A4244-12.8	12,8	87	182	101	MK1 B
A4244-13	13	87	182	101	MK1 B
A4244-13.5	13,5	94	189	108	MK1 B
A4244-13.8	13,8	94	189	108	MK1 B
A4244-14	14	94	189	108	MK1 B
A4244-14.25	14,25	99	212	114	MK2 B
A4244-14.5	14,5	99	212	114	MK2 B
A4244-14.75	14,75	99	212	114	MK2 B
A4244-15	15	99	212	114	MK2 B
A4244-15.25	15,25	104	218	120	MK2 B
A4244-15.5	15,5	104	218	120	MK2 B
A4244-15.75	15,75	104	218	120	MK2 B
A4244-16	16	104	218	120	MK2 B
A4244-16.5	16,5	108	223	125	MK2 B
A4244-16.75	16,75	108	223	125	MK2 B
A4244-17	17	108	223	125	MK2 B
A4244-17.25	17,25	112	228	130	MK2 B
A4244-17.5	17,5	112	228	130	MK2 B
A4244-17.75	17,75	112	228	130	MK2 B
A4244-18	18	112	228	130	MK2 B
A4244-18.25	18,25	116	233	135	MK2 B
A4244-18.5	18,5	116	233	135	MK2 B
A4244-18.75	18,75	116	233	135	MK2 B
A4244-19	19	116	233	135	MK2 B
A4244-19.25	19,25	120	238	140	MK2 B

WALTER
SELECT

●● Primary application ● Other application
Best tool for → Good = 😊 → Average = 😐 → Poor = 😞 machining conditions

Tool	Designation					
	Designation	D _c h8 mm	L _c mm	l ₁ mm	l ₂ mm	MK
 Morse taper	A4244-19.5	19,5	120	238	140	MK2 B
	A4244-19.75	19,75	120	238	140	MK2 B
	A4244-20	20	120	238	140	MK2 B
	A4244-20.25	20,25	123	243	145	MK2 B
	A4244-20.5	20,5	123	243	145	MK2 B
	A4244-20.75	20,75	123	243	145	MK2 B
	A4244-21	21	123	243	145	MK2 B
	A4244-21.25	21,25	127	248	150	MK2 B
	A4244-21.5	21,5	127	248	150	MK2 B
	A4244-22	22	127	248	150	MK2 B
	A4244-22.25	22,25	127	248	150	MK2 B
	A4244-22.5	22,5	131	253	155	MK2 B
	A4244-22.75	22,75	131	253	155	MK2 B
	A4244-23	23	131	253	155	MK2 B
	A4244-23.5	23,5	131	276	155	MK3 B
	A4244-24	24	135	281	160	MK3 B
	A4244-24.5	24,5	135	281	160	MK3 B
	A4244-25	25	135	281	160	MK3 B
	A4244-25.5	25,5	138	286	165	MK3 B
	A4244-26	26	138	286	165	MK3 B
	A4244-26.5	26,5	138	286	165	MK3 B
	A4244-27	27	142	291	170	MK3 B
	A4244-28	28	142	291	170	MK3 B
	A4244-29	29	145	296	175	MK3 B
	A4244-29.5	29,5	145	296	175	MK3 B
	A4244-30	30	145	296	175	MK3 B
	A4244-30.5	30,5	148	301	180	MK3 B
	A4244-31	31	148	301	180	MK3 B
	A4244-31.5	31,5	148	301	180	MK3 B
	A4244-32	32	151	334	185	MK4 B

B1

**WALTER
SELECT**

●● Primary application ● Other application
 Best tool for → Good = 😊 → Average = 😐 → Poor = ☹️ machining conditions

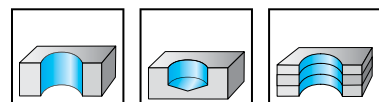
HSS-E twist drills with Morse taper

A4247

Alpha® XE



– Uncoated from 23.02 mm

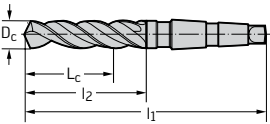


	P	M	K	N	S	H	O
uncoated	●●	●●	●●	●●	●●		●

Tool	Designation	D _c h8 mm	L _c mm	l ₁ mm	l ₂ mm	MK
Morse taper	A4247-10	10	71	168	87	MK1 B
	A4247-10.2	10,2	71	168	87	MK1 B
	A4247-10.5	10,5	71	168	87	MK1 B
	A4247-10.8	10,8	76	175	94	MK1 B
	A4247-11	11	76	175	94	MK1 B
	A4247-11.5	11,5	76	175	94	MK1 B
	A4247-11.8	11,8	76	175	94	MK1 B
	A4247-12	12	87	182	101	MK1 B
	A4247-12.2	12,2	87	182	101	MK1 B
	A4247-12.5	12,5	87	182	101	MK1 B
	A4247-12.8	12,8	87	182	101	MK1 B
	A4247-13	13	87	182	101	MK1 B
	A4247-13.2	13,2	87	182	101	MK1 B
	A4247-13.5	13,5	94	189	108	MK1 B
	A4247-13.8	13,8	94	189	108	MK1 B
	A4247-14	14	94	189	108	MK1 B
	A4247-14.25	14,25	99	212	114	MK2 B
	A4247-14.5	14,5	99	212	114	MK2 B
	A4247-14.75	14,75	99	212	114	MK2 B
	A4247-15	15	99	212	114	MK2 B
	A4247-15.25	15,25	104	218	120	MK2 B
	A4247-15.5	15,5	104	218	120	MK2 B
	A4247-15.75	15,75	104	218	120	MK2 B
	A4247-16	16	104	218	120	MK2 B
	A4247-16.25	16,25	108	223	125	MK2 B
	A4247-16.5	16,5	108	223	125	MK2 B
	A4247-16.75	16,75	108	223	125	MK2 B
	A4247-17	17	108	223	125	MK2 B
	A4247-17.25	17,25	112	228	130	MK2 B
	A4247-17.5	17,5	112	228	130	MK2 B
	A4247-17.75	17,75	112	228	130	MK2 B
	A4247-18	18	112	228	130	MK2 B
	A4247-18.25	18,25	116	233	135	MK2 B
	A4247-18.5	18,5	116	233	135	MK2 B
	A4247-18.75	18,75	116	233	135	MK2 B
	A4247-19	19	116	233	135	MK2 B

WALTER
SELECT

●● Primary application ● Other application
Best tool for → Good = 😊 → Average = 😐 → Poor = 😞 machining conditions

Tool	Designation					
		D _c h8 mm	L _c mm	l ₁ mm	l ₂ mm	MK
 Morse taper	A4247-19.25	19,25	120	238	140	MK2 B
	A4247-19.5	19,5	120	238	140	MK2 B
	A4247-19.75	19,75	120	238	140	MK2 B
	A4247-20	20	120	238	140	MK2 B
	A4247-20.25	20,25	123	243	145	MK2 B
	A4247-20.5	20,5	123	243	145	MK2 B
	A4247-20.75	20,75	123	243	145	MK2 B
	A4247-21	21	123	243	145	MK2 B
	A4247-21.25	21,25	127	248	150	MK2 B
	A4247-21.5	21,5	127	248	150	MK2 B
	A4247-21.75	21,75	127	248	150	MK2 B
	A4247-22	22	127	248	150	MK2 B
	A4247-22.25	22,25	127	248	150	MK2 B
	A4247-22.5	22,5	131	253	155	MK2 B
	A4247-22.75	22,75	131	253	155	MK2 B
	A4247-23	23	131	253	155	MK2 B
	A4247-23.5	23,5	131	276	155	MK3 B
	A4247-24	24	135	281	160	MK3 B
	A4247-24.5	24,5	135	281	160	MK3 B
	A4247-25	25	135	281	160	MK3 B
	A4247-25.5	25,5	138	286	165	MK3 B
	A4247-26	26	138	286	165	MK3 B
	A4247-26.5	26,5	138	286	165	MK3 B
	A4247-27	27	142	291	170	MK3 B
	A4247-27.5	27,5	142	291	170	MK3 B
	A4247-28	28	142	291	170	MK3 B
	A4247-28.5	28,5	145	296	175	MK3 B
	A4247-29	29	145	296	175	MK3 B
	A4247-29.5	29,5	145	296	175	MK3 B
	A4247-30	30	145	296	175	MK3 B
	A4247-30.5	30,5	148	301	180	MK3 B
	A4247-31	31	148	301	180	MK3 B
	A4247-31.5	31,5	148	301	180	MK3 B
	A4247-32	32	151	334	185	MK4 B
	A4247-32.5	32,5	151	334	185	MK4 B
	A4247-33	33	151	334	185	MK4 B
	A4247-34	34	154	339	190	MK4 B
	A4247-35	35	154	339	190	MK4 B
	A4247-36	36	157	344	195	MK4 B
	A4247-37	37	157	344	195	MK4 B
	A4247-38	38	160	349	200	MK4 B
	A4247-39	39	160	349	200	MK4 B
	A4247-40	40	160	349	200	MK4 B

B1

**WALTER
SELECT**

●● Primary application ● Other application
 Best tool for → Good = 😊 → Average = 😐 → Poor = ☹️ machining conditions

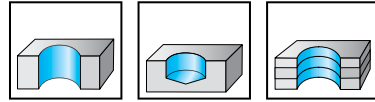
HSS twist drills with Morse taper, long

A4422

UFL®



– Uncoated from 23.02 mm

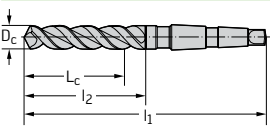


	P	M	K	N	S	H	O
uncoated	●●	●	●●	●●	●		●

Tool	Designation	D _c h8 mm	L _c mm	l ₁ mm	l ₂ mm	MK
Morse taper	A4422-10	10	100	197	116	MK1 B
	A4422-10.2	10,2	100	197	116	MK1 B
	A4422-10.5	10,5	100	197	116	MK1 B
	A4422-10.8	10,8	107	206	125	MK1 B
	A4422-11	11	107	206	125	MK1 B
	A4422-11.5	11,5	107	206	125	MK1 B
	A4422-11.8	11,8	107	206	125	MK1 B
	A4422-12	12	120	215	134	MK1 B
	A4422-12.2	12,2	120	215	134	MK1 B
	A4422-12.5	12,5	120	215	134	MK1 B
	A4422-12.8	12,8	120	215	134	MK1 B
	A4422-13	13	120	215	134	MK1 B
	A4422-13.2	13,2	120	215	134	MK1 B
	A4422-13.5	13,5	128	223	142	MK1 B
	A4422-13.8	13,8	128	223	142	MK1 B
	A4422-14	14	128	223	142	MK1 B
	A4422-14.25	14,25	132	245	147	MK2 B
	A4422-14.5	14,5	132	245	147	MK2 B
	A4422-14.75	14,75	132	245	147	MK2 B
	A4422-15	15	132	245	147	MK2 B
	A4422-15.25	15,25	137	251	153	MK2 B
	A4422-15.5	15,5	137	251	153	MK2 B
	A4422-15.75	15,75	137	251	153	MK2 B
	A4422-16	16	137	251	153	MK2 B
	A4422-16.5	16,5	142	257	159	MK2 B
	A4422-16.75	16,75	142	257	159	MK2 B
	A4422-17	17	142	257	159	MK2 B
	A4422-17.5	17,5	147	263	165	MK2 B
	A4422-17.75	17,75	147	263	165	MK2 B
	A4422-18	18	147	263	165	MK2 B
	A4422-18.25	18,25	152	269	171	MK2 B
	A4422-18.5	18,5	152	269	171	MK2 B
	A4422-18.75	18,75	152	269	171	MK2 B
	A4422-19	19	152	269	171	MK2 B
	A4422-19.25	19,25	157	275	177	MK2 B
	A4422-19.5	19,5	157	275	177	MK2 B

WALTER
SELECT

●● Primary application ● Other application
Best tool for → Good = 😊 → Average = 😐 → Poor = 😞 machining conditions

Tool	Designation					
	Designation	D _c h8 mm	L _c mm	l ₁ mm	l ₂ mm	MK
 Morse taper	A4422-19.75	19,75	157	275	177	MK2 B
	A4422-20	20	157	275	177	MK2 B
	A4422-20.5	20,5	162	282	184	MK2 B
	A4422-21	21	162	282	184	MK2 B
	A4422-21.5	21,5	168	289	191	MK2 B
	A4422-22	22	168	289	191	MK2 B
	A4422-22.5	22,5	174	296	198	MK2 B
	A4422-23	23	174	296	198	MK2 B
	A4422-23.5	23,5	174	319	198	MK3 B
	A4422-24	24	181	327	206	MK3 B
	A4422-24.5	24,5	181	327	206	MK3 B
	A4422-25	25	181	327	206	MK3 B
	A4422-26	26	187	335	214	MK3 B
	A4422-27	27	194	343	222	MK3 B
	A4422-28	28	194	343	222	MK3 B
	A4422-29	29	200	351	230	MK3 B
	A4422-30	30	200	351	230	MK3 B
	A4422-31	31	207	360	239	MK3 B

B1

**WALTER
SELECT**

●● Primary application ● Other application
 Best tool for → Good = 😊 → Average = 😐 → Poor = ☹️ machining conditions

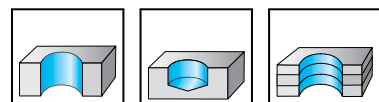
HSS drills with Morse taper, extra long

A4622

UFL®



– Uncoated from 23.02 mm



	P	M	K	N	S	H	O
uncoated	●●	●	●●	●●	●		●

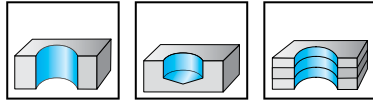
Tool	Designation	D _c h8 mm	L _c mm	l ₁ mm	l ₂ mm	MK
Morse taper	A4622-12	12	191	310	205	MK1 B
	A4622-12.5	12,5	191	310	205	MK1 B
	A4622-13	13	191	310	205	MK1 B
	A4622-13.5	13,5	206	325	220	MK1 B
	A4622-14	14	206	325	220	MK1 B
	A4622-14.5	14,5	205	340	220	MK2 B
	A4622-15	15	205	340	220	MK2 B
	A4622-15.5	15,5	214	355	230	MK2 B
	A4622-16	16	214	355	230	MK2 B
	A4622-16.5	16,5	213	355	230	MK2 B
	A4622-17	17	213	355	230	MK2 B
	A4622-17.5	17,5	227	370	245	MK2 B
	A4622-18	18	227	370	245	MK2 B
	A4622-18.5	18,5	226	370	245	MK2 B
	A4622-19	19	226	370	245	MK2 B
	A4622-19.5	19,5	240	385	260	MK2 B
	A4622-20	20	240	385	260	MK2 B
	A4622-21	21	238	385	260	MK2 B
	A4622-22	22	247	405	270	MK2 B
	A4622-23	23	246	405	270	MK2 B
	A4622-24	24	265	440	290	MK3 B
	A4622-25	25	265	440	290	MK3 B
	A4622-26	26	263	440	290	MK3 B
	A4622-27	27	277	460	305	MK3 B
	A4622-28	28	277	460	305	MK3 B
	A4622-29	29	275	460	305	MK3 B
	A4622-30	30	275	460	305	MK3 B

WALTER
SELECT

●● Primary application ● Other application
Best tool for → Good = 😊 → Average = 😐 → Poor = ☹️ machining conditions

HSS drills with Morse taper, extra long A4611

– Type N



	P	M	K	N	S	H	O
uncoated	●	●	●	●	●	●	●

B1

Tool	Designation	D _c h8 mm	L _c mm	l ₁ mm	l ₂ mm	MK
 Morse taper	A4611-8	8	152	265	165	MK1 B
	A4611-9	9	160	275	175	MK1 B
	A4611-10	10	169	285	185	MK1 B
	A4611-10.5	10,5	169	285	185	MK1 B
	A4611-11	11	177	300	195	MK1 B
	A4611-11.5	11,5	177	300	195	MK1 B
	A4611-14	14	206	325	220	MK1 B
	A4611-15	15	205	340	220	MK2 B
	A4611-15.5	15,5	214	355	230	MK2 B
	A4611-16	16	214	355	230	MK2 B
	A4611-16.5	16,5	213	355	230	MK2 B
	A4611-17	17	213	355	230	MK2 B
	A4611-17.5	17,5	227	370	245	MK2 B
	A4611-18	18	227	370	245	MK2 B
	A4611-19	19	226	370	245	MK2 B
	A4611-19.5	19,5	240	385	260	MK2 B
	A4611-20	20	240	385	260	MK2 B
	A4611-20.5	20,5	238	385	260	MK2 B
	A4611-21	21	238	385	260	MK2 B
	A4611-21.5	21,5	247	405	270	MK2 B
	A4611-22	22	247	405	270	MK2 B
	A4611-22.5	22,5	246	405	270	MK2 B
	A4611-23	23	246	405	270	MK2 B
	A4611-23.5	23,5	246	425	270	MK3 B
	A4611-24	24	265	440	290	MK3 B
	A4611-24.5	24,5	265	440	290	MK3 B
	A4611-25	25	265	440	290	MK3 B
	A4611-25.5	25,5	263	440	290	MK3 B
	A4611-26	26	263	440	290	MK3 B
	A4611-26.5	26,5	263	440	290	MK3 B
	A4611-27	27	277	460	305	MK3 B
	A4611-28	28	277	460	305	MK3 B
	A4611-29	29	275	460	305	MK3 B
	A4611-30	30	275	460	305	MK3 B
 Morse taper	A4611-31	31	288	480	320	MK3 B
	A4611-32	32	286	505	320	MK4 B
	A4611-33	33	286	505	320	MK4 B
	A4611-34	34	304	530	340	MK4 B
	A4611-35	35	304	530	340	MK4 B
	A4611-38	38	320	555	360	MK4 B
	A4611-39	39	320	555	360	MK4 B
	A4611-40	40	320	555	360	MK4 B

**WALTER
SELECT**

●● Primary application ● Other application
 Best tool for → Good = 😊 → Average = 😐 → Poor = ☹️ machining conditions

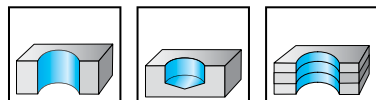
HSS drills with Morse taper, extra long

A4722

UFL®

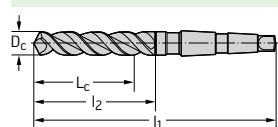


– Uncoated from 23.02 mm



	P	M	K	N	S	H	O
uncoated	●●	●	●●	●●	●		●

Tool



Morse taper

Designation

D_c
h8
mm

L_c
mm

l₁
mm

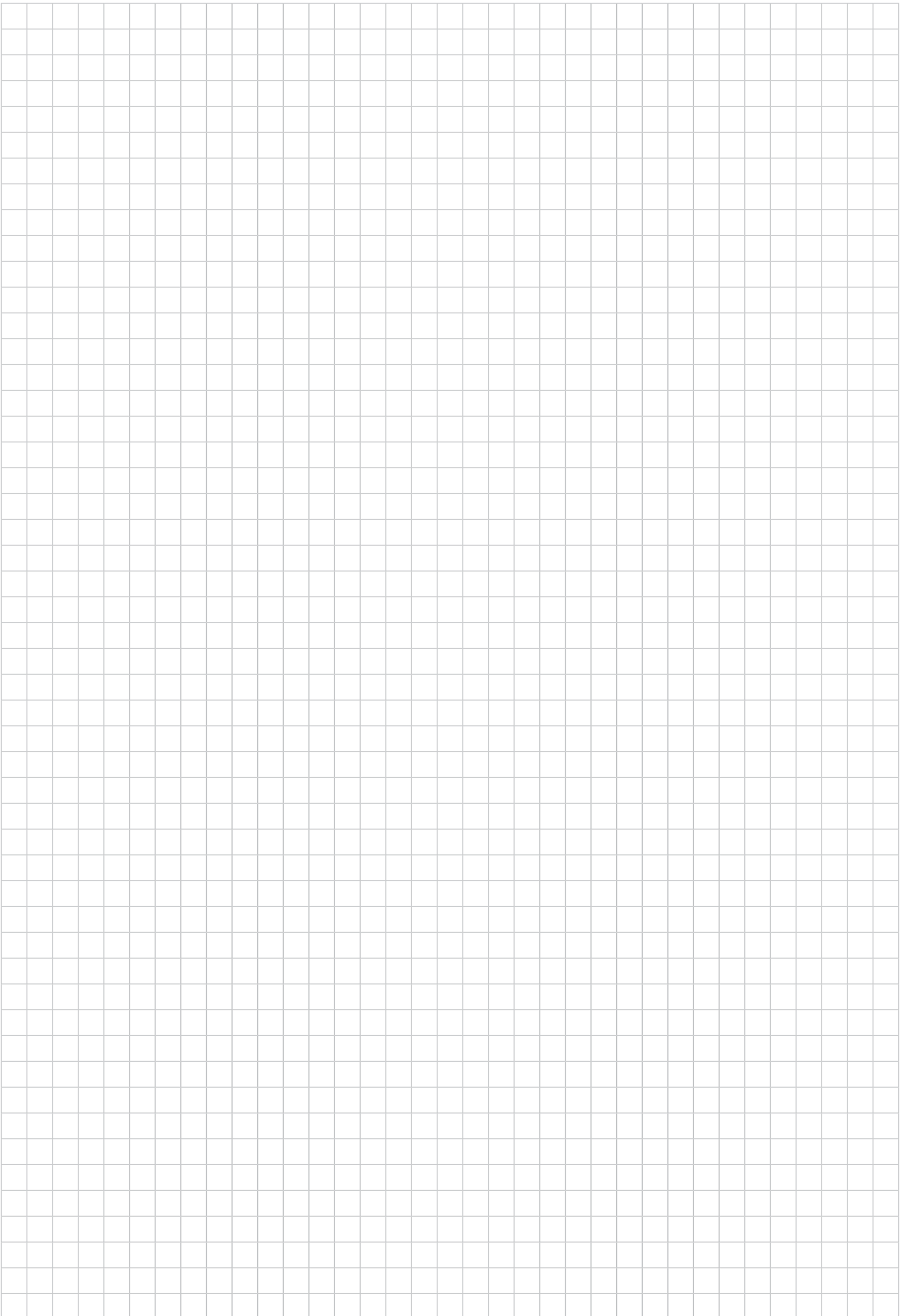
l₂
mm

MK

A4722-8	8	197	330	210	MK1 B
A4722-8.5	8,5	197	330	210	MK1 B
A4722-9	9	205	345	220	MK1 B
A4722-10	10	219	360	235	MK1 B
A4722-10.5	10,5	219	360	235	MK1 B
A4722-11	11	232	375	250	MK1 B
A4722-11.5	11,5	232	375	250	MK1 B
A4722-12	12	246	395	260	MK1 B
A4722-12.5	12,5	246	395	260	MK1 B
A4722-13	13	246	395	260	MK1 B
A4722-13.5	13,5	261	410	275	MK1 B
A4722-14	14	261	410	275	MK1 B
A4722-14.5	14,5	260	425	275	MK2 B
A4722-15	15	260	425	275	MK2 B
A4722-15.5	15,5	279	445	295	MK2 B
A4722-16	16	279	445	295	MK2 B
A4722-16.5	16,5	278	445	295	MK2 B
A4722-17	17	278	445	295	MK2 B
A4722-17.5	17,5	292	465	310	MK2 B
A4722-18	18	292	465	310	MK2 B
A4722-18.5	18,5	291	465	310	MK2 B
A4722-19	19	291	465	310	MK2 B
A4722-19.5	19,5	305	490	325	MK2 B
A4722-20	20	305	490	325	MK2 B
A4722-21	21	303	490	325	MK2 B
A4722-22	22	322	515	345	MK2 B
A4722-23	23	321	515	345	MK2 B
A4722-24	24	340	555	365	MK3 B
A4722-25	25	340	555	365	MK3 B
A4722-26	26	338	555	365	MK3 B
A4722-27	27	357	580	385	MK3 B
A4722-28	28	357	580	385	MK3 B
A4722-29	29	355	580	385	MK3 B
A4722-30	30	355	580	385	MK3 B
A4722-32	32	376	635	410	MK4 B
A4722-33	33	376	635	410	MK4 B
A4722-34	34	394	665	430	MK4 B
A4722-35	35	394	665	430	MK4 B
A4722-38	38	420	695	460	MK4 B
A4722-40	40	420	695	460	MK4 B

WALTER
SELECT

●● Primary application ● Other application
Best tool for → Good = 😊 → Average = 😐 → Poor = 😞 machining conditions



B1

Solid carbide and HSS NC spot drills

Machining					
Standard	Walter	Walter	Walter	Walter	Walter
Countersink angle	90°	120°			
					
Designation	A1174	A1174C	A1114	A1114L	A1114S
Additional services					
Cutting tool material	Solid carbide	Solid carbide	HSS	HSS	HSS
Coating / grade	uncoated	uncoated	uncoated	uncoated	uncoated
Shank	Cylindrical shank	Cylindrical shank	Cylindrical shank	Cylindrical shank	Cylindrical shank
Diameter range	3–20	3–20	4–20	4–12,7	2–25,4
P Steel			●●	●●	●●
M Stainless steel			●	●	●
K Cast iron	●	●	●●	●●	●●
N NF metals	●●	●●	●●	●●	●●
S Materials with difficult cutting properties	●●	●●	●	●	●
H Hard materials					
O Other	●●	●●	●●	●●	●●
Page in catalogue	B 436	B 440	B 441	B 443	B 442
QR code					
www.walter-tools.com/woc/	A1174	A1174C	A1114	A1114L	A1114S

Solid carbide and HSS NC spot drills

Machining



Standard

Walter

Walter

Walter

Countersink angle

90°



Designation

A1115

A1115L

A1115S

Additional services

Cutting tool material

HSS

HSS

HSS

Coating / grade

uncoated

uncoated

uncoated

Shank

Cylindrical shank

Cylindrical shank

Cylindrical shank

Diameter range

4–20

4–25,4

2–25,4

P Steel

● ●

● ●

● ●

M Stainless steel

●

●

●

K Cast iron

● ●

● ●

● ●

N NF metals

● ●

● ●

● ●

S Materials with difficult cutting properties

●

●

●

H Hard materials

O Other

● ●

● ●

● ●

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QR code


www.walter-tools.com/woc/

A1115

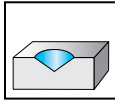
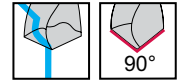
A1115L

A1115S

90° solid carbide NC spot drills

A1174

NC 90°



B1

	P	M	K	N	S	H	O
uncoated			●	●●	●●		●●

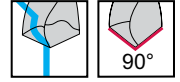
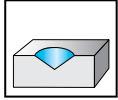
Tool	Designation	D _c h6 mm	D _c Inch/Nr	l ₁ mm	l ₂ mm	d ₁ h6 mm
Cylindrical shank	A1174-3	3		46	11	3
	A1174-4	4		55	15	4
	A1174-5	5		62	16	5
	A1174-6	6		66	17	6
	A1174-1/4IN	6,350	1/4"	70	18	6,35
	A1174-8	8		79	22	8
	A1174-3/8IN	9,525	3/8"	89	26	9,525
	A1174-10	10		89	26	10
	A1174-12	12		102	30	12
	A1174-1/2IN	12,700	1/2"	102	30	12,7
	A1174-16	16		115	34	16
	A1174-20	20		131	40	20

**WALTER
SELECT**

●● Primary application ● Other application
Best tool for → Good = 😊 → Average = 😐 → Poor = ☹️ machining conditions

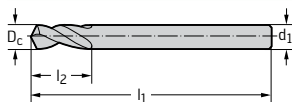
90° HSS NC spot drills

A1115



	P	M	K	N	S	H	O
uncoated	●●	●	●●	●●	●		●●

B1

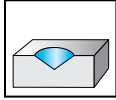
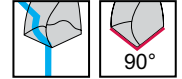
Tool		D _c h8 mm	l ₁ mm	l ₂ mm	d ₁ h8 mm
 Cylindrical shank	Designation				
	A1115-4	4	55	18	4
	A1115-5	5	62	21	5
	A1115-6	6	66	22	6
	A1115-8	8	79	30	8
	A1115-10	10	89	34	10
	A1115-12	12	102	41	12
	A1115-16	16	115	46	16
	A1115-20	20	131	53	20

**WALTER
SELECT**

●● Primary application ● Other application
 Best tool for → Good = 😊 → Average = 😐 → Poor = ☹️ machining conditions

90° HSS NC spot drills

A1115S



B1

	P	M	K	N	S	H	O
uncoated	●●	●	●●	●●	●		●●

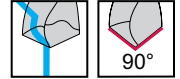
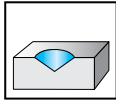
Tool	Designation	D _c h8 mm	D _c Inch/Nr	l ₁ mm	l ₂ mm	d ₁ h8 mm
 Cylindrical shank	A1115S-2	2		40	8	2
	A1115S-3	3		50	10	3
	A1115S-4	4		52	12	4
	A1115S-5	5		60	15	5
	A1115S-6	6		66	20	6
	A1115S-1/4IN	6,350	1/4"	66	20	6,35
	A1115S-8	8		79	25	8
	A1115S-3/8IN	9,525	3/8"	89	25	9,525
	A1115S-10	10		89	25	10
	A1115S-12	12		102	30	12
	A1115S-1/2IN	12,700	1/2"	102	35	12,7
	A1115S-14	14		115	35	14
	A1115S-5/8IN	15,875	5/8"	115	35	15,875
	A1115S-16	16		115	35	16
	A1115S-18	18		130	40	18
	A1115S-3/4IN	19,050	3/4"	131	40	19,05
	A1115S-20	20		131	40	20
	A1115S-1IN	25,400	1.0"	138	45	25,4

WALTER
SELECT

●● Primary application ● Other application
Best tool for → Good = 😊 → Average = 😐 → Poor = ☹️ machining conditions

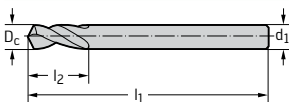
90° HSS NC spot drills

A1115L



	P	M	K	N	S	H	O
uncoated	●●	●	●●	●●	●		●●

B1

Tool	Designation	D _c h8 mm	D _c Inch/Nr	l ₁ mm	l ₂ mm	d ₁ h8 mm
 Cylindrical shank	A1115L-4	4		100	12	4
	A1115L-5	5		120	15	5
	A1115L-6	6		140	20	6
	A1115L-1/4IN	6,350	1/4"	140	20	6,35
	A1115L-8	8		140	25	8
	A1115L-3/8IN	9,525	3/8"	170	25	9,525
	A1115L-10	10		170	25	10
	A1115L-12	12		170	30	12
	A1115L-1/2IN	12,700	1/2"	170	30	12,7
	A1115L-5/8IN	15,875	5/8"	200	35	15,875
	A1115L-3/4IN	19,050	3/4"	200	40	19,05
	A1115L-20	20		200	40	20
	A1115L-1IN	25,400	1.0"	200	40	25,4

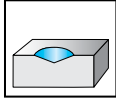
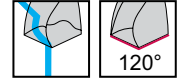
**WALTER
SELECT**

●● Primary application ● Other application
 Best tool for → Good = 😊 → Average = 😐 → Poor = ☹️ machining conditions

120° solid carbide NC spot drills

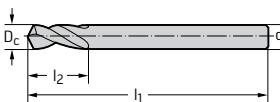
A1174C

NC 120°



B1

	P	M	K	N	S	H	O
uncoated			●	●●	●●		●●

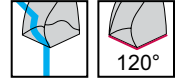
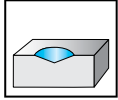
Tool	Designation	D _c h6 mm	D _c Inch/Nr	l ₁ mm	l ₂ mm	d ₁ h6 mm
 Cylindrical shank	A1174C-3	3		46	11	3
	A1174C-4	4		55	15	4
	A1174C-5	5		62	16	5
	A1174C-6	6		66	17	6
	A1174C-1/4IN	6,350	1/4"	70	18	6,35
	A1174C-8	8		79	22	8
	A1174C-3/8IN	9,525	3/8"	89	26	9,525
	A1174C-10	10		89	26	10
	A1174C-12	12		102	30	12
	A1174C-1/2IN	12,700	1/2"	102	30	12,7
	A1174C-16	16		115	34	16
	A1174C-20	20		131	40	20

WALTER
SELECT

●● Primary application ● Other application
Best tool for → Good = 😊 → Average = 😐 → Poor = ☹️ machining conditions

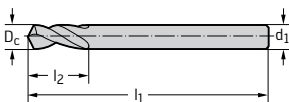
120° HSS NC spot drills

A1114



	P	M	K	N	S	H	O
uncoated	●●	●	●●	●●	●		●●

B1

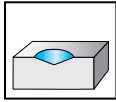
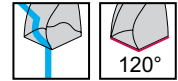
Tool		D _c h8 mm	l ₁ mm	l ₂ mm	d ₁ h8 mm
 Cylindrical shank	Designation				
	A1114-4	4	55	18	4
	A1114-5	5	62	21	5
	A1114-6	6	66	22	6
	A1114-8	8	79	30	8
	A1114-10	10	89	34	10
	A1114-12	12	102	41	12
	A1114-16	16	115	46	16
	A1114-20	20	131	53	20

**WALTER
SELECT**

●● Primary application ● Other application
 Best tool for → Good = 😊 → Average = 😐 → Poor = ☹️ machining conditions

120° HSS NC spot drills

A1114S



B1

	P	M	K	N	S	H	O
uncoated	●●	●	●●	●●	●		●●

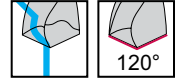
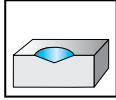
Tool	Designation	D _c h8 mm	D _c Inch/Nr	l ₁ mm	l ₂ mm	d ₁ h8 mm
Cylindrical shank	A1114S-2	2		40	8	2
	A1114S-3	3		50	10	3
	A1114S-4	4		52	12	4
	A1114S-5	5		60	15	5
	A1114S-6	6		66	20	6
	A1114S-1/4IN	6,350	1/4"	66	20	6,35
	A1114S-8	8		79	25	8
	A1114S-3/8IN	9,525	3/8"	89	25	9,525
	A1114S-10	10		89	25	10
	A1114S-12	12		102	30	12
	A1114S-1/2IN	12,700	1/2"	102	35	12,7
	A1114S-14	14		115	35	14
	A1114S-5/8IN	15,875	5/8"	115	35	15,875
	A1114S-3/4IN	19,050	3/4"	131	40	19,05
	A1114S-1IN	25,400	1.0"	138	45	25,4

WALTER
SELECT

●● Primary application ● Other application
Best tool for → Good = 😊 → Average = 😐 → Poor = ☹️ machining conditions

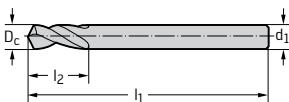
120° HSS NC spot drills

A1114L



	P	M	K	N	S	H	O
uncoated	●●	●	●●	●●	●		●●

B1

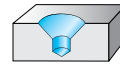
Tool		D _c h8 mm	D _c Inch/Nr	l ₁ mm	l ₂ mm	d ₁ h8 mm
 Cylindrical shank	Designation					
	A1114L-4	4		100	12	4
	A1114L-5	5		120	15	5
	A1114L-6	6		140	20	6
	A1114L-1/4IN	6,350	1/4"	140	20	6,35
	A1114L-8	8		140	25	8
	A1114L-3/8IN	9,525	3/8"	170	25	9,525
	A1114L-10	10		170	25	10
	A1114L-12	12		170	30	12
	A1114L-1/2IN	12,700	1/2"	170	30	12,7

**WALTER
SELECT**

●● Primary application ● Other application
 Best tool for → Good = 😊 → Average = 😐 → Poor = ☹️ machining conditions

Solid carbide and HSS center drills

Machining



Shape

A

A

A

A

A



Designation

K1161XPL

K1161

K1911

K1811

K1411S

Standard

DIN 333-A

DIN 333-A

B.S. 328

ANSI B94.11

Walter

Cutting tool material

Solid carbide

Solid carbide

HSS

HSS

HSS

Coating / grade

XPL

uncoated

uncoated

uncoated

uncoated

Shank

Cylindrical shank

Cylindrical shank

Cylindrical shank

Cylindrical shank

Cylindrical shank

Diameter range

0,5–6,3

0,5–6,3

1,191–7,938

0,635–7,938

0,75–5

P Steel

●●

●●

●●

●●

●●

M Stainless steel

●●

●●

●●

●●

●●

K Cast iron

●●

●●

●●

●●

●●

N NF metals

●●

●●

●●

●●

●●

S Materials with difficult cutting properties

●●

●●

●●

●●

●●

H Hard materials

●●

●

●●

●●

●●

O Other

●●

●●

●●

●●

●●

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www.walter-tools.com/woc/

K1161XPL

K1161

K1911

K1811

K1411S

Solid carbide and HSS center drills

Machining					
Shape	A	A	R	A	B
					
Designation	K1411M	K1411L	K1313	K1311	K1215
Standard	Walter	Walter	Walter	Walter	DIN 333-B
Cutting tool material	HSS	HSS	HSS	HSS	HSS
Coating / grade	uncoated	uncoated	uncoated	uncoated	uncoated
Shank	Cylindrical shank	Cylindrical shank	Cylindrical shank	Cylindrical shank	Cylindrical shank
Diameter range	0,75–4	2–4	1–4	0,63–6	1–10
P Steel	●●	●●	●●	●●	●●
M Stainless steel	●●	●●	●●	●●	●●
K Cast iron	●●	●●	●●	●●	●●
N NF metals	●●	●●	●●	●●	●●
S Materials with difficult cutting properties	●●	●●	●●	●●	●●
H Hard materials					
O Other	●●	●●	●●	●●	●●
Page in catalogue	B 454	B 455	B 461	B 452	B 458
QR code					
www.walter-tools.com/woc/	K1411M	K1411L	K1313	K1311	K1215

B1

Solid carbide and HSS center drills

Machining					
Shape	A	R	R	R	A



Designation	K1131	K1114	K1113TIN	K1113	K1112
Standard	DIN 333-A	DIN 333-R	DIN 333-R	DIN 333-R	DIN 333-A
Cutting tool material	HSS	HSS	HSS	HSS	HSS
Coating / grade	uncoated	uncoated	TIN	uncoated	uncoated
Shank	Cylindrical shank	Cylindrical shank with flat	Cylindrical shank	Cylindrical shank	Cylindrical shank with flat
Diameter range	0,5–6,3	2–5	1–5	0,5–10	1,6–5
P Steel	●●	●●	●●	●●	●●
M Stainless steel	●●	●●	●●	●●	●●
K Cast iron	●●	●●	●●	●●	●●
N NF metals	●●	●●	●●	●●	●●
S Materials with difficult cutting properties	●●	●●	●●	●●	●●
H Hard materials					
O Other	●●	●●	●●	●●	●●
Page in catalogue	B 451	B 460	B 459	B 459	B 450
QR code					
www.walter-tools.com/woc/	K1131	K1114	K1113TIN	K1113	K1112

Solid carbide and HSS center drills

Machining



Shape

A

A

B1



Designation

K1111TIN

K1111

Standard

DIN 333-A

DIN 333-A

Cutting tool material

HSS

HSS

Coating / grade

TIN

uncoated

Shank

Cylindrical shank

Cylindrical shank

Diameter range

1–5

0,5–12,5

P Steel

●●

●●

M Stainless steel

●●

●●

K Cast iron

●●

●●

N NF metals

●●

●●

S Materials with difficult cutting properties

●●

●●

H Hard materials

O Other

●●

●●

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QR code


www.walter-tools.com/woc/

K1111TIN

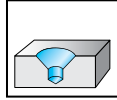
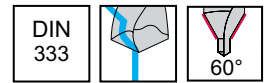
K1111

Solid carbide centre drills

K1161XPL / K1161



- For straight contact surfaces in accordance with DIN 332 A
- Form A



B1

	P	M	K	N	S	H	O
XPL	●●	●●	●●	●●	●●	●●	●●
uncoated	●●	●●	●●	●●	●●	●	●●

Tool	Designation	D _c k12 mm	l ₁ mm	d ₁ h9 mm
	K1161XPL-0.5	0,5	25	3,15
	K1161XPL-0.8	0,8	25	3,15
	K1161XPL-1	1	31,5	3,15
	K1161XPL-1.25	1,25	31,5	3,15
	K1161XPL-1.6	1,6	35,5	4
	K1161XPL-2	2	40	5
	K1161XPL-2.5	2,5	45	6,3
	K1161XPL-3.15	3,15	50	8
	K1161XPL-4	4	56	10
	K1161XPL-5	5	63	12,5
	K1161XPL-6.3	6,3	71	16
	K1161-0.5	0,5	25	3,15
	K1161-0.8	0,8	25	3,15
	K1161-1	1	31,5	3,15
	K1161-1.25	1,25	31,5	3,15
	K1161-1.6	1,6	35,5	4
	K1161-2	2	40	5
	K1161-2.5	2,5	45	6,3
	K1161-3.15	3,15	50	8
	K1161-4	4	56	10
	K1161-5	5	63	12,5
	K1161-6.3	6,3	71	16

D_c 0.5/0.8 mm, single sided

WALTER
SELECT

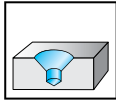
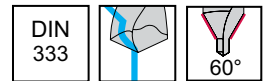
●● Primary application ● Other application
Best tool for → Good = 😊 → Average = 😐 → Poor = ☹️ machining conditions

HSS centre drills

K1111TIN / K1111

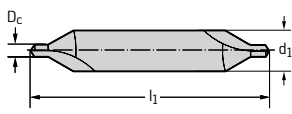


- For straight contact surfaces in accordance with DIN 332 A
- Form A



	P	M	K	N	S	H	O
TIN	●●	●●	●●	●●	●●		●●
uncoated	●●	●●	●●	●●	●●		●●

B1

Tool		D _c k12 mm	l ₁ mm	d ₁ h9 mm
 Cylindrical shank	Designation			
	K1111TIN-1	1	31,5	3,15
	K1111TIN-1.25	1,25	31,5	3,15
	K1111TIN-1.6	1,6	35,5	4
	K1111TIN-2	2	40	5
	K1111TIN-2.5	2,5	45	6,3
	K1111TIN-3.15	3,15	50	8
	K1111TIN-4	4	56	10
	K1111TIN-5	5	63	12,5
	K1111-0.5	0,5	25	3,15
	K1111-0.8	0,8	25	3,15
	K1111-1	1	31,5	3,15
	K1111-1.25	1,25	31,5	3,15
	K1111-1.6	1,6	35,5	4
	K1111-2	2	40	5
	K1111-2.5	2,5	45	6,3
	K1111-3.15	3,15	50	8
	K1111-4	4	56	10
	K1111-5	5	63	12,5
	K1111-6.3	6,3	71	16
	K1111-8	8	80	20
	K1111-10	10	100	25
	K1111-12.5	12,5	125	31,5

D_c 0.5/0.8 mm, single sided
**WALTER
SELECT**

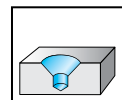
●● Primary application ● Other application
 Best tool for → Good = 😊 → Average = 😐 → Poor = ☹️ machining conditions

HSS centre drills

K1112

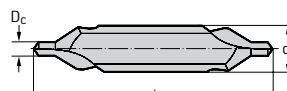


- For straight contact surfaces in accordance with DIN 332 A
- Form A with flat section

DIN
333


B1

	P	M	K	N	S	H	O
uncoated	●●	●●	●●	●●	●●		●●

Tool		D _c k12 mm	l ₁ mm	d ₁ h9 mm
 Cylindrical shank with flat	Designation			
	K1112-1.6	1,6	35,5	4
	K1112-2	2	40	5
	K1112-2.5	2,5	45	6,3
	K1112-3.15	3,15	50	8
	K1112-4	4	56	10
	K1112-5	5	63	12,5

WALTER
SELECT

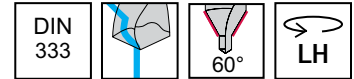
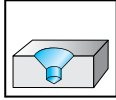
●● Primary application ● Other application
Best tool for → Good = 😊 → Average = 😐 → Poor = ☹ machining conditions

HSS centre drills, left

K1131



- For straight contact surfaces in accordance with DIN 332 A
- Form A



	P	M	K	N	S	H	O
uncoated	●●	●●	●●	●●	●●	●●	●●

B1

Tool		Designation	D _c k12 mm	l ₁ mm	d ₁ h9 mm
 Cylindrical shank		K1131-0.5	0,5	25	3,15
		K1131-0.8	0,8	25	3,15
		K1131-1	1	31,5	3,15
		K1131-1.25	1,25	31,5	3,15
		K1131-1.6	1,6	35,5	4
		K1131-2	2	40	5
		K1131-2.5	2,5	45	6,3
		K1131-3.15	3,15	50	8
		K1131-4	4	56	10
		K1131-5	5	63	12,5
		K1131-6.3	6,3	71	16

D_c 0.5/0.8 mm, single sided
**WALTER
SELECT**

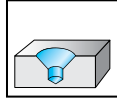
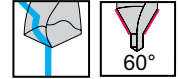
●● Primary application ● Other application
 Best tool for → Good = 😊 → Average = 😐 → Poor = ☹️ machining conditions

HSS centre drills

K1311

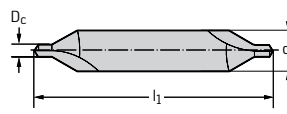


- For straight contact surfaces in accordance with DIN 332 A
- Form A



B1

	P	M	K	N	S	H	O
uncoated	●●	●●	●●	●●	●●	●●	●●

Tool	Designation	D _c k12 mm	l ₁ mm	d ₁ h9 mm
 Cylindrical shank	K1311-0.63	0,63	20	3,15
	K1311-0.75	0,75	35	3,5
	K1311-1	1	31,5	4
	K1311-1.5	1,5	40	5
	K1311-1.6	1,6	40	5
	K1311-2	2	45	6
	K1311-2.5	2,5	50	8
	K1311-3	3	56	10
	K1311-3.15	3,15	56	10
	K1311-4	4	66	12
	K1311-5	5	78	14
	K1311-6	6	90	18

D_c 0.63 mm, single sided

WALTER
SELECT

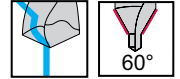
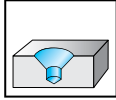
●● Primary application ● Other application

Best tool for → Good = 😊 → Average = 😐 → Poor = ☹️ machining conditions

HSS centre drills, extra long K1411S

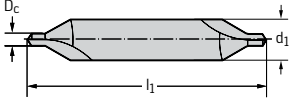


- For straight contact surfaces in accordance with DIN 332 A
- Form A



	P	M	K	N	S	H	O
uncoated	●●	●●	●●	●●	●●		●●

B1

Tool		D _c k12 mm	l ₁ mm	d ₁ h9 mm
 Cylindrical shank	Designation			
	K1411S-0.75X3.5	0,75	60	3,5
	K1411S-1X4	1	60	4
	K1411S-1.5X5	1,5	60	5
	K1411S-2X6	2	80	6
	K1411S-2.5X8	2,5	80	8
	K1411S-3X8	3	80	8
	K1411S-4X10	4	100	10
	K1411S-5X14	5	120	14

**WALTER
SELECT**

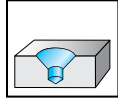
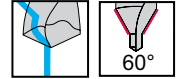
●● Primary application ● Other application
 Best tool for → Good = 😊 → Average = 😐 → Poor = ☹️ machining conditions

HSS centre drills, extra long

K1411M



- For straight contact surfaces in accordance with DIN 332 A
- Form A



B1

	P	M	K	N	S	H	O
uncoated	●●	●●	●●	●●	●●		●●

Tool		D _c k12 mm	l ₁ mm	d ₁ h9 mm
 Cylindrical shank	Designation			
	K1411M-0.75X3.5	0,75	120	3,5
	K1411M-1X4	1	120	4
	K1411M-1.5X5	1,5	120	5
	K1411M-2X6	2	120	6
	K1411M-2.5X8	2,5	120	8
	K1411M-3X8	3	120	8
	K1411M-4X10	4	120	10

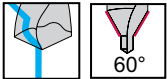
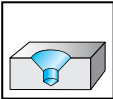
WALTER
SELECT

●● Primary application ● Other application
Best tool for → Good = 😊 → Average = 😐 → Poor = ☹️ machining conditions

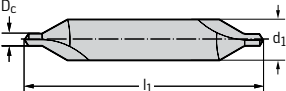
HSS centre drills, extra long
K1411L



– For straight contact surfaces in accordance with DIN 332 A
– Form A



	P	M	K	N	S	H	O
uncoated	●●	●●	●●	●●	●●		●●

Tool		D _c k12 mm	l ₁ mm	d ₁ h9 mm
 Cylindrical shank	Designation			
	K1411L-2X5	2	200	5
	K1411L-2.5X6.3	2,5	200	6,3
	K1411L-3.15X8	3,15	200	8
	K1411L-4X10	4	200	10

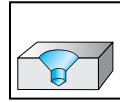
B1

HSS centre drills

K1811

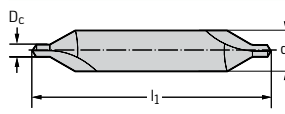


– For straight contact surfaces in accordance with DIN 332 A
– Form A

ANSI
B 94.11


B1

	P	M	K	N	S	H	O
uncoated	●●	●●	●●	●●	●●	●●	●●

Tool		Designation	Size	D _c k12 mm	D _c Inch/Nr	l ₁ mm	d ₁ h9 mm
 Cylindrical shank		K1811-N0.00	NR. 00	0,635	1/8"	31	3,175
		K1811-N0.0	NR. 0	0,794	1/8"	31	3,175
		K1811-N01	NR. 1	1,191	1/8"	31,8	3,175
		K1811-N02	NR. 2	1,984	3/16"	47,6	4,763
		K1811-N03	NR. 3	2,778	1/4"	50,8	6,35
		K1811-N04	NR. 4	3,175	5/16"	54	7,938
		K1811-N05	NR. 5	4,763	7/16"	69,9	11,113
		K1811-N06	NR. 6	5,556	1/2"	76,2	12,7
		K1811-N07	NR. 7	6,35	5/8"	82,6	15,875
		K1811-N08	NR. 8	7,938	3/4"	88,9	19,05

WALTER
SELECT

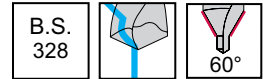
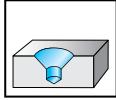
●● Primary application ● Other application
Best tool for → Good = 😊 → Average = 😐 → Poor = ☹️ machining conditions

HSS centre drills

K1911

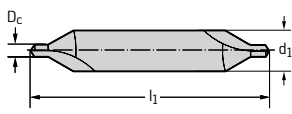


- For straight contact surfaces in accordance with DIN 332 A
- Form A



	P	M	K	N	S	H	O
uncoated	●●	●●	●●	●●	●●	●●	●●

B1

Tool		Designation	Size	D _c k12 mm	D _c Inch/Nr	l ₁ mm	d ₁ h9 mm
 Cylindrical shank		K1911-BS1	B.S. 1	1,191	1/8"	38,1	3,175
		K1911-BS2	B.S. 2	1,588	3/16"	44,5	4,763
		K1911-BS3	B.S. 3	2,381	1/4"	50,8	6,35
		K1911-BS4	B.S. 4	3,175	5/16"	57,2	7,938
		K1911-BS5	B.S. 5	4,763	7/16"	63,5	11,113
		K1911-BS6	B.S. 6	6,35	5/8"	76,2	15,875
		K1911-BS7	B.S. 7	7,938	3/4"	88,9	19,05

**WALTER
SELECT**

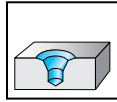
●● Primary application ● Other application
 Best tool for → Good = 😊 → Average = 😐 → Poor = ☹️ machining conditions

HSS centre drills

K1215



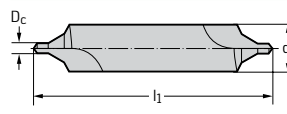
– Form B



DIN
333



	P	M	K	N	S	H	O
uncoated	●●	●●	●●	●●	●●	●●	●●

Tool	Designation	D _c K12 mm	l ₁ mm	d ₁ h9 mm
 Cylindrical shank	K1215-1	1	31,5	4
	K1215-1.25	1,25	31,5	5
	K1215-1.6	1,6	35,5	6,3
	K1215-2	2	40	8
	K1215-2.5	2,5	45	10
	K1215-3.15	3,15	50	11,2
	K1215-4	4	56	14
	K1215-5	5	63	18
	K1215-6.3	6,3	71	20
	K1215-8	8	80	25
	K1215-10	10	100	31,5

**WALTER
SELECT**

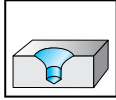
●● Primary application ● Other application
Best tool for → Good = 😊 → Average = 😐 → Poor = ☹️ machining conditions

HSS centre drills

K1113TIN / K1113

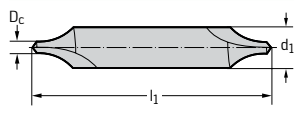


– Form R

DIN
333

	P	M	K	N	S	H	O
TIN	●●	●●	●●	●●	●●	●●	●●
uncoated	●●	●●	●●	●●	●●	●●	●●

B1

Tool	Designation	D _C k12 mm	l ₁ mm	d ₁ h9 mm
 Cylindrical shank	K1113TIN-1	1	31,5	3,15
	K1113TIN-1.25	1,25	31,5	3,15
	K1113TIN-1.6	1,6	35,5	4
	K1113TIN-2	2	40	5
	K1113TIN-2.5	2,5	45	6,3
	K1113TIN-3.15	3,15	50	8
	K1113TIN-4	4	56	10
	K1113TIN-5	5	63	12,5
	K1113-0.5	0,5	25	3,15
	K1113-0.8	0,8	25	3,15
	K1113-1	1	31,5	3,15
	K1113-1.25	1,25	31,5	3,15
	K1113-1.6	1,6	35,5	4
	K1113-2	2	40	5
	K1113-2.5	2,5	45	6,3
	K1113-3.15	3,15	50	8
	K1113-4	4	56	10
	K1113-5	5	63	12,5
	K1113-6.3	6,3	71	16
	K1113-8	8	80	20
	K1113-10	10	100	25

D_C 0.5/0.8 mm, single sidedWALTER
SELECT

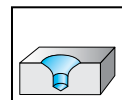
●● Primary application ● Other application
 Best tool for → Good = 😊 → Average = 😐 → Poor = ☹️ machining conditions

HSS centre drills

K1114



– Form R with flat section

DIN
333


B1

	P	M	K	N	S	H	O
uncoated	●●	●●	●●	●●	●●	●●	●●

Tool	Designation	D _c k12 mm	l ₁ mm	d ₁ h9 mm
 Cylindrical shank with flat	K1114-2	2	40	5
	K1114-2.5	2,5	45	6,3
	K1114-3.15	3,15	50	8
	K1114-4	4	56	10
	K1114-5	5	63	12,5

WALTER
SELECT

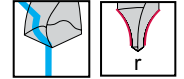
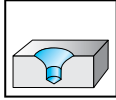
●● Primary application ● Other application
Best tool for → Good = 😊 → Average = 😐 → Poor = ☹️ machining conditions

HSS centre drills

K1313

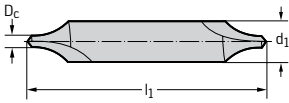


– Form R



	P	M	K	N	S	H	O
uncoated	●●	●●	●●	●●	●●		●●

B1

Tool		D _c k12 mm	l ₁ mm	d ₁ h9 mm
 Cylindrical shank	Designation			
	K1313-1	1	31,5	4
	K1313-1.5	1,5	40	5
	K1313-2	2	45	6
	K1313-2.5	2,5	50	8
	K1313-3	3	56	10
	K1313-4	4	66	12

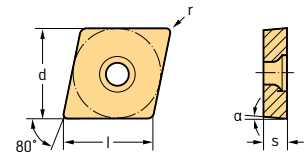
**WALTER
SELECT**

●● Primary application ● Other application
 Best tool for → Good = 😊 → Average = 😐 → Poor = ☹️ machining conditions

Turning Insert – Positive rhombic 80°

CCGT / CCMT

Tiger-tec® Gold



Indexable inserts

	Designation	l mm	r mm	r mm	P							M					K				N		S				
					HC							HE	HC					HC				HC	HW	HC			
					WKP01G	WPP10G	WXM15	WPP20G	WMP20S	WTP35	WEP10C	WSM01	WSM10S	WXM15	WMP20S	WSM20S	WSM30S	WKP01G	WKK10S	WAK15	WXM15	WKK20S	WNN10	WN10	WSM01	WSM10S	WSM20S
	CCGT060202-X5	6,45	0,2			☺			☺								☺	☺									
	CCGT060204-X5	6,45	0,4			☺			☺								☺	☺									
	CCGT060202-X15	6,45	0,2			☺			☺									☺	☺								
	CCGT060204-X15	6,45	0,4			☺			☺									☺	☺								
	CCGT060201-FN2	6,45		0,1																☺							
	CCGT060202-FN2	6,45		0,2																☺	☺						
	CCGT060204-FN2	6,45		0,4																☺	☺						
	CCGT09T301-FN2	9,67		0,1																☺							
	CCGT09T302-FN2	9,67		0,2																☺	☺						
	CCGT09T304-FN2	9,67		0,4																☺	☺						
	CCGT09T308-FN2	9,67		0,8																☺	☺						
	CCGT120404-FN2	12,9		0,4																☺	☺						
	CCGT120408-FN2	12,9		0,8																☺	☺						
	CCGT060201-FM2	6,45		0,1																				☺			
	CCGT060202-FM2	6,45		0,2						☺													☺		☺		
	CCGT060204-FM2	6,45		0,4						☺													☺		☺		
	CCGT09T301-FM2	9,67		0,1																				☺			
	CCGT09T302-FM2	9,67		0,2							☺													☺			
	CCGT09T304-FM2	9,67		0,4							☺	☺											☺	☺	☺		
	CCGT09T308-FM2	9,67		0,8							☺	☺											☺	☺	☺		
	CCGT120404-FM2	12,9		0,4																				☺			
	CCGT120408-FM2	12,9		0,8																					☺		
	CCGT060201M-FP2	6,45		0,07						☺																	
	CCGT060202M-FP2	6,45		0,17						☺																	
	CCGT060204M-FP2	6,45		0,37						☺																	
	CCGT09T301M-FP2	9,67		0,07						☺																	
	CCGT09T302M-FP2	9,67		0,17						☺																	
	CCGT09T304M-FP2	9,67		0,37						☺																	
	CCGT09T308M-FP2	9,67		0,77						☺																	
	CCMT060202-FP4	6,45		0,2	☺	☺			☺								☺										
	CCMT060204-FP4	6,45		0,4	☺	☺			☺								☺										
	CCMT060208-FP4	6,45		0,8	☺	☺			☺								☺										
	CCMT09T302-FP4	9,67		0,2	☺	☺			☺								☺										
	CCMT09T304-FP4	9,67		0,4	☺	☺			☺								☺										
	CCMT09T308-FP4	9,67		0,8	☺	☺			☺								☺										
	CCMT120404-FP4	12,9		0,4	☺	☺			☺								☺										
	CCMT120408-FP4	12,9		0,8		☺		☺																			
	CCGT060201-MN2	6,45		0,1																☺	☺						
	CCGT060202-MN2	6,45		0,2																☺	☺						
	CCGT060204-MN2	6,45		0,4																☺	☺	☺					
	CCGT09T301-MN2	9,67		0,1																☺	☺						
	CCGT09T302-MN2	9,67		0,2																☺	☺	☺					
	CCGT09T304-MN2	9,67		0,4																☺	☺	☺					

See the ISO 1832 designation key for dimensions
Ordering example for the grade WAK15: CCGT060202-X5 WAK15

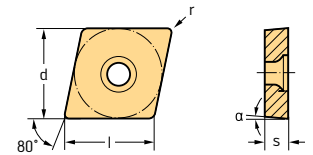
HC = Coated carbide
HE = Coated cermet
HW = Uncoated carbide

WALTER SELECT

Optimum indexable insert for → Good = ☺ → Average = ☹ → Poor = ☹ machining conditions

Turning Insert – Positive rhombic 80°

CCGT / CCMT

Tiger-tec®
Gold


Indexable inserts

	Designation	l mm	r mm	r mm	P							M					K				N		S			
					HC						HE	HC					HC				HC	HW	HC			
					WKP01G	WPP10G	WXM15	WPP20G	WMP20S	WTP35	WEP10C	WSM01	WSM10S	WXM15	WMP20S	WSM20S	WSM30S	WKP01G	WKK10S	WAK15	WXM15	WKK20S	WNN10	WN10	WSM01	WSM10S
	CCGT09T308-MN2	9,67		0,8						☺												☺☺☺☺				
	CCGT120402-MN2	12,9		0,2																		☺☺☺☺				
	CCGT120404-MN2	12,9		0,4																		☺☺☺☺				
	CCGT120408-MN2	12,9		0,8																		☺☺☺☺				
	CCMT060202-FM4	6,45		0,2						☺			☺☺☺☺											☺☺☺☺	☺☺☺☺	
	CCMT060204-FM4	6,45		0,4						☺	☺		☺☺☺☺	☺☺☺☺	☺☺☺☺								☺☺☺☺	☺☺☺☺	☺☺☺☺	
	CCMT060208-FM4	6,45		0,8						☺	☺		☺☺☺☺	☺☺☺☺	☺☺☺☺								☺☺☺☺	☺☺☺☺	☺☺☺☺	
	CCMT09T302-FM4	9,67		0,2						☺	☺		☺☺☺☺	☺☺☺☺	☺☺☺☺								☺☺☺☺	☺☺☺☺	☺☺☺☺	
	CCMT09T304-FM4	9,67		0,4						☺	☺	☺	☺☺☺☺	☺☺☺☺	☺☺☺☺								☺☺☺☺	☺☺☺☺	☺☺☺☺	
	CCMT09T308-FM4	9,67		0,8						☺	☺	☺	☺☺☺☺	☺☺☺☺	☺☺☺☺								☺☺☺☺	☺☺☺☺	☺☺☺☺	
	CCMT120404-FM4	12,9		0,4							☺			☺☺☺☺									☺☺☺☺	☺☺☺☺	☺☺☺☺	
	CCMT120408-FM4	12,9		0,8							☺			☺☺☺☺									☺☺☺☺	☺☺☺☺	☺☺☺☺	
	CCMT060204-FP6	6,45		0,4		☺		☺☺																		
	CCMT060208-FP6	6,45		0,8				☺☺																		
	CCMT09T304-FP6	9,67		0,4		☺		☺☺																		
	CCMT09T308-FP6	9,67		0,8		☺		☺☺																		
	CCMT120404-FP6	12,9		0,4				☺☺																		
	CCMT120408-FP6	12,9		0,8				☺☺																		
	CCMT060204-FK6	6,45		0,4														☺		☺☺						
	CCMT060208-FK6	6,45		0,8														☺	☺	☺☺		☺☺				
	CCMT09T304-FK6	9,67		0,4														☺	☺	☺☺		☺☺				
	CCMT09T308-FK6	9,67		0,8														☺	☺	☺☺		☺☺				
	CCMT120404-FK6	12,9		0,4															☺	☺☺		☺☺				
	CCMT120408-FK6	12,9		0,8														☺	☺	☺☺		☺☺				
	CCMT060204-FM6	6,45		0,4										☺☺☺☺										☺☺☺☺	☺☺	
	CCMT060208-FM6	6,45		0,8										☺☺☺☺										☺☺☺☺	☺☺☺☺	
	CCMT09T304-FM6	9,67		0,4										☺☺☺☺										☺☺☺☺	☺☺☺☺	
	CCMT09T308-FM6	9,67		0,8										☺☺☺☺										☺☺☺☺	☺☺☺☺	
	CCMT120408-FM6	12,9		0,8										☺☺☺☺										☺☺☺☺	☺☺☺☺	

See the ISO 1832 designation key for dimensions

Ordering example for the grade WAK15: CCGT060202-X5 WAK15

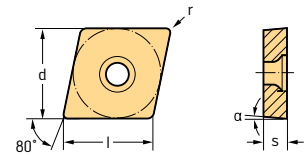
 HC = Coated carbide
 HE = Coated cermet
 HW = Uncoated carbide

Positive rhombic 80°

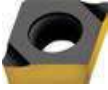
CPGT / CPMT / CCMT

Tiger-tec®

Gold



Indexable inserts

	Designation	l mm	r mm	r mm	P						M				K		N	S	
					HC						HC				HC		HW	HC	
					WPP10G	WXM15	WPP20G	WMP20S	WTP35	WEP10C	WSM01	WXM15	WMP20S	WSM20S	WAK15	WXM15	WK1	WSM01	WSM20S
	CPGT050202-X5	5,65	0,2		☺				☹		☺			☺	☺				
	CPGT050204-X5	5,65	0,4		☺				☹		☺			☺	☺				
	CPGT050202-X15	5,65	0,2		☺						☺			☺	☺				
	CPGT050204-X15	5,65	0,4		☺				☹		☺			☺	☺	☹			
	CPGT050204-X25	5,65	0,4													☹			
	CPMT050204-FM4	5,64		0,4				☹					☹	☹				☹	
	CPMT060204-FM4	6,45		0,4				☹					☹	☹				☹	
	CPMT09T304-FM4	9,67		0,4				☹					☹	☹				☹	
	CPMT09T308-FM4	9,67		0,8				☹					☹	☹				☹	
	CPGT050202M-FP2	5,64		0,17					☺										
	CPGT050204M-FP2	5,64		0,37					☺										
	CPMT050204-FP4	5,64		0,4	☺														
	CPMT060204-FP4	6,45		0,4	☺														
	CPMT09T304-FP4	9,67		0,4	☺														
	CPMT09T308-FP4	9,67		0,8	☺														
	CCMT060204-FP6	6,45		0,4	☺		☹												
	CCMT060208-FP6	6,45		0,8			☹												
	CCMT09T304-FP6	9,67		0,4	☺		☹												
	CCMT09T308-FP6	9,67		0,8	☺		☹												
	CCMT120404-FP6	12,9		0,4			☹												
	CCMT120408-FP6	12,9		0,8			☹												
	CPGT050204-MM4	5,64		0,4									☹					☹	
	CPGT060201-MM4	6,45		0,1							☺						☺		
	CPGT060202-MM4	6,45		0,2							☺						☺		
	CPGT060204-MM4	6,45		0,4							☺		☹				☺	☹	
	CPGT060208-MM4	6,45		0,8							☺						☺		
	CPGT09T301-MM4	9,67		0,1							☺						☺		
	CPGT09T304-MM4	9,67		0,4							☺		☹				☺	☹	
	CPGT09T308-MM4	9,67		0,8							☺		☹				☺	☹	

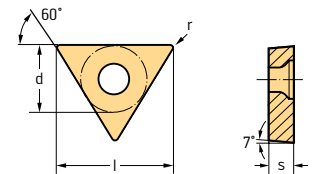
See the ISO 1832 designation key for dimensions
Ordering example for the grade WAK15: CPGT050202-X5 WAK15

HC = Coated carbide
HE = Coated cermet
HW = Uncoated carbide

Turning Insert – Positive triangular 60°

TCGT / TCMT

Tiger-tec® Gold



Indexable inserts

	Designation	l mm	r mm	P					M					K		N		S				
				HC					HC					HC	HC	HW		HC				
				WKP01G	WPP10G	WPP20G	WMP20S	WEP10C	WSM01	WSM10S	WMP20S	WSM20S	WSM21	WSM30S	WKP01G	WNN10	WN10	WSM01	WSM10S	WSM20S	WSM21	WSM30S
	TCGT06T101-FN2	6,87	0,1																			
	TCGT06T102-FN2	6,87	0,2																			
	TCGT06T104-FN2	6,87	0,4																			
	TCGT090202-FN2	9,62	0,2																			
	TCGT090204-FN2	9,62	0,4																			
	TCGT110202-FN2	11	0,2																			
	TCGT110204-FN2	11	0,4																			
	TCGT16T304-FN2	16,5	0,4																			
	TCGT16T308-FN2	16,5	0,8																			
	TCGT06T101-FM2	6,87	0,1																			
	TCGT06T102-FM2	6,87	0,2																			
	TCGT06T104-FM2	6,87	0,4																			
	TCGT090202-FM2	9,62	0,2																			
	TCGT090204-FM2	9,62	0,4																			
	TCGT110201-FM2	11	0,1																			
	TCGT110202-FM2	11	0,2																			
	TCGT110204-FM2	11	0,4																			
	TCGT16T302-FM2	16,5	0,2																			
	TCMT06T102-FM4	6,87	0,2																			
	TCMT06T104-FM4	6,87	0,4																			
	TCMT090202-FM4	9,62	0,2																			
	TCMT090204-FM4	9,62	0,4																			
	TCMT090208-FM4	9,62	0,8																			
	TCMT110202-FM4	11	0,2																			
	TCMT110204-FM4	11	0,4																			
	TCMT110208-FM4	11	0,8																			
	TCMT16T302-FM4	16,5	0,2																			
	TCMT16T304-FM4	16,5	0,4																			
	TCMT16T308-FM4	16,5	0,8																			
	TCMT16T302-FM4	16,5	0,2																			
	TCMT16T304-FM4	16,5	0,4																			
	TCMT16T308-FM4	16,5	0,8																			
	TCMT16T302-FM4	16,5	0,2																			
	TCMT16T304-FM4	16,5	0,4																			
	TCMT16T308-FM4	16,5	0,8																			
	TCMT16T302-FM4	16,5	0,2																			
	TCGT06T104M-FP2	6,87	0,37																			
	TCGT090204M-FP2	9,62	0,37																			
	TCGT110202M-FP2	11	0,17																			
	TCGT110204M-FP2	11	0,37																			
	TCMT06T102-FP4	6,87	0,2																			
	TCMT06T104-FP4	6,87	0,4																			
	TCMT090202-FP4	9,62	0,2																			
	TCMT090204-FP4	9,62	0,4																			
	TCMT090208-FP4	9,62	0,8																			
	TCMT110202-FP4	11	0,2																			
	TCMT110204-FP4	11	0,4																			
	TCMT110208-FP4	11	0,8																			

See the ISO 1832 designation key for dimensions

Ordering example for the grade WNN10: TCGT06T101-FN2 WNN10

HC = Coated carbide

HE = Coated cermet

HW = Uncoated carbide

WALTER SELECT

Optimum indexable insert for → Good = ☺ → Average = ☹ → Poor = ☹ machining conditions

☺ ☹ ☹ / ★ = New addition to the product range

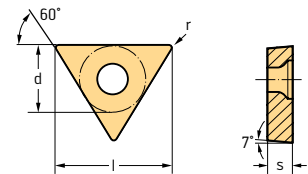
Indexable inserts for boring and precision boring

B 465

Turning Insert – Positive triangular 60°

TCGT / TCMT

Tiger-tec®
Gold



Indexable inserts

	Designation	l mm	r mm	P					M					K	N		S				
				HC					HC					HC	HC	HW	HC				
				WKP01G	WPP10G	WPP20G	WMP20S	WEP10C	WSM01	WSM10S	WMP20S	WSM20S	WSM21	WSM30S	WKP01G	WNN10	WN10	WSM01	WSM10S	WSM20S	WSM21
	TCMT16T302-FP4	16,5	0,2																		
	TCMT16T304-FP4	16,5	0,4																		
	TCMT16T308-FP4	16,5	0,8																		
	TCMT110204-FP6	11	0,4																		
	TCMT110208-FP6	11	0,8																		
	TCMT16T304-FP6	16,5	0,4																		
	TCMT16T308-FP6	16,5	0,8																		
	TCGT110201-MN2	11	0,1																		
	TCGT110202-MN2	11	0,2																		
	TCGT110204-MN2	11	0,4																		
	TCGT16T302-MN2	16,5	0,2																		
	TCGT16T304-MN2	16,5	0,4																		
	TCGT16T308-MN2	16,5	0,8																		

See the ISO 1832 designation key for dimensions

Ordering example for the grade WNN10: TCGT06T101-FN2 WNN10

HC = Coated carbide

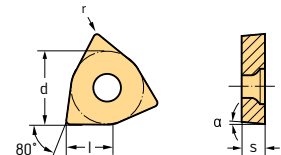
HE = Coated cermet

HW = Uncoated carbide

Turning Insert – Positive Trigon 80°

WCGT / WCMT / WCMW

Tiger-tec® **Gold**



Indexable inserts

	Designation	Number of cutting edges	l mm	r mm	r mm	P				M				K		N				S		H		
						HC				HC				HC	BH	HC	HW	DP	HC		BH			
						WPP10G	WXM15	WPP20G	WTP35	WXM15	WSM20S	WSM21	WSM30S	WAK15	WXM15	WCB80	WNN10	WK1	WCD10	WSM20S	WSM21	WSM30S	WCB50	WCB80
	WCGT020102-X5		2,7	0,2																				
	WCGT020104-X5		2,7	0,4																				
	WCGT030202-X5		3,5	0,2																				
	WCGT030204-X5		3,5	0,4																				
	WCGT040202-X5		4,3	0,2																				
	WCGT040204-X5		4,3	0,4																				
	WCGT050304-X5		5,43	0,4																				

See the ISO 1832 designation key for dimensions

Ordering example for the grade WAK15: WCGT020102-X5 WAK15

HC = Coated carbide

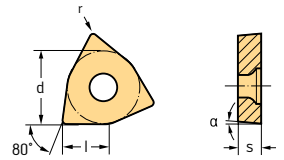
BH = CBN with high CBN content

HW = Uncoated carbide

DP = Polycrystalline diamond

Turning Insert – Positive Trigon 80°

WCGT / WCMT / WCMW

Tiger-tec®
Gold


Indexable inserts

	Designation	Number of cutting edges	l mm	r mm	r mm	P				M				K			N		S			H	
						HC				HC				HC	BH	HC	HW	DP	HC			BH	
						WPP10G	WXM15	WPP20G	WTP35	WXM15	WSM20S	WSM21	WSM30S	WAK15	WXM15	WCB80	WNN10	WK1	WCD10	WSM20S	WSM21	WSM30S	WCB50
	WCGT020102-X15		2,7	0,2		☺		☺	☺					☺	☺		☺						
	WCGT020104-X15		2,7	0,4		☺		☺	☺					☺	☺								
	WCGT030202-X15		3,5	0,2		☺		☺	☺					☺	☺		☺						
	WCGT030204-X15		3,5	0,4		☺		☺	☺					☺	☺								
	WCGT040202-X15		4,3	0,2		☺		☺	☺					☺	☺								
	WCGT040204-X15		4,3	0,4		☺		☺	☺					☺	☺								
	WCGT050304-X15		5,43	0,4		☺		☺	☺					☺	☺								
	WCGT020102-X25		2,7	0,2													☺						
	WCGT030202-X25		3,5	0,2													☺						
	WCGT030204-X25		3,5	0,4													☺						
	WCGT040204-X25		4,3	0,4													☺						
	WCGT050304-X25		5,43	0,4													☺						
	WCGT020102-FN2		2,7		0,2												☺						
	WCGT020104-FN2		2,7		0,4												☺						
	WCGT030202-FN2		3,91		0,2												☺						
	WCGT030204-FN2		3,91		0,4												☺						
	WCGT040202-FN2		4,34		0,2												☺						
	WCGT040204-FN2		4,34		0,4												☺						
	WCGT06T304-FN2		6,52		0,4												☺						
	WCGT06T308-FN2		6,52		0,8												☺						
	WCGT030202-FM2		3,91		0,2						☺									☺			
	WCGT030204-FM2		3,91		0,4						☺									☺			
	WCGT040202-FM2		4,34		0,2						☺									☺			
	WCGT040204-FM2		4,34		0,4						☺									☺			
	WCMT040202-FM4		4,34		0,2						☺		☺							☺		☺	
	WCMT040204-FM4		4,34		0,4						☺		☺							☺		☺	
	WCMT06T304-FM4		6,52		0,4						☺		☺							☺		☺	
	WCMT06T308-FM4		6,52		0,8						☺									☺			
	WCMT040202-FP4		4,34		0,2	☺			☺														
	WCMT040204-FP4		4,34		0,4	☺			☺														
	WCMT040208-FP4		4,34		0,8				☺														
	WCMT06T302-FP4		6,52		0,2				☺														
	WCMT06T304-FP4		6,52		0,4				☺														
	WCMT06T308-FP4		6,52		0,8				☺														
	WCMT080404-FP4		8,69		0,4				☺														
	WCMT080408-FP4		8,69		0,8				☺														
	WCGT030202-MN2		3,91		0,2												☺						
	WCGT030204-MN2		3,91		0,4												☺						
	WCGT040204-MN2		4,34		0,4												☺						
	WCGT06T302-MN2		6,52		0,2												☺						
	WCGT06T304-MN2		6,52		0,4												☺						
	WCGT080404-MN2		8,69		0,4												☺						
	WCGT080408-MN2		8,69		0,8												☺						

See the ISO 1832 designation key for dimensions

Ordering example for the grade WAK15: WCGT020102-X5 WAK15

HC = Coated carbide

BH = CBN with high CBN content

HW = Uncoated carbide

DP = Polycrystalline diamond

WALTER SELECT

Optimum indexable insert for → Good = ☺ → Average = ☹ → Poor = ☹ machining conditions

☺ ☹ ☹ / ★ = New addition to the product range

Indexable inserts for boring and precision boring

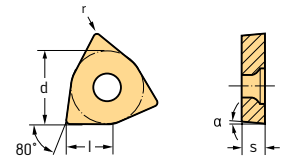
B 467

B2

Turning Insert – Positive Trigon 80°

WCGT / WCMT / WCMW

Tiger-tec®
Gold



Indexable inserts

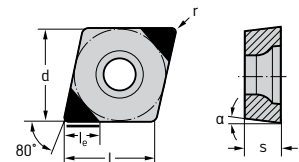
	Designation	Number of cutting edges	l mm	r mm	r mm	P				M				K		N				S			H	
						HC				HC				HC	BH	HC	HW	DP	HC		BH			
						WPP10G	WXM15	WPP20G	WTP35	WXM15	WSM20S	WSM21	WSM30S	WAK15	WXM15	WCB80	WNN10	WK1	WCD10	WSM20S	WSM21	WSM30S	WCB50	WCB80
	WCMW020102	1	2,7	0,2											☺							☺	☺	
	WCMW020104	1	2,7	0,4																		☺	☺	
	WCMW030202	1	3,5	0,2											☺							☺	☺	
	WCMW030204	1	3,5	0,4											☺							☺	☺	
	WCMW040202	1	4,3	0,2											☺							☺		
	WCMW040204	1	4,3	0,4											☺							☺	☺	
	WCMW050304	1	5,43	0,4											☺							☺	☺	
	WCMW020104		2,7	0,4												☺								
	WCMW030202		3,5	0,2												☺								
	WCMW030204		3,5	0,4												☺								
	WCMW040202		4,3	0,2												☺								
	WCMW040204		4,3	0,4												☺								
	WCMW050304		5,43	0,4												☺								

See the ISO 1832 designation key for dimensions
Ordering example for the grade WAK15: WCGT020102-X5 WAK15

HC = Coated carbide
BH = CBN with high CBN content
HW = Uncoated carbide
DP = Polycrystalline diamond

Turning Insert CBN – Positive rhombic 80°

CCGW



Indexable inserts

	Designation	Number of cutting edges	l _e mm	l mm	r mm	α	K	S	H				
							BH	BH	BC		BL		BH
							WBK20	WBS10	WBH10C	WBH20C	WBH10	WBH20	WBH30
 Wiper	CCGW09T304TS-MW2	2	2,8	9,67	0,4	7°			☺				
	CCGW09T308TM-MW2	2	2,7	9,67	0,8	7°			☺				
	CCGW060202EM-2	2	2,8	6,45	0,2	7°		☺					
	CCGW060204EM-2	2	2,8	6,45	0,4	7°		☺					
	CCGW09T304EM-2	2	2,8	9,67	0,4	7°		☺					
	CCGW09T308EM-2	2	2,7	9,67	0,8	7°		☺					

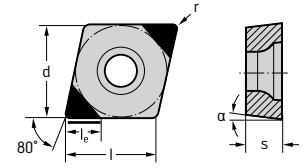
See the ISO 1832 designation key for dimensions
Ordering example for the grade WBH10C: CCGW09T304TS-MW2 WBH10C

BH = CBN with high CBN content
BC = coated CBN
BL = CBN with low CBN content

WALTER SELECT

Optimum indexable insert for → Good = ☺ → Average = ☹ → Poor = ☹ machining conditions

Turning Insert CBN – Positive rhombic 80° CCGW



Indexable inserts

	Designation	Number of cutting edges	l _e mm	l mm	r mm	α	K	S	H				
							BH	BH	BC	BL	BH	BH	BH
	CCGW060202TS-2	2	2,8	6,45	0,2	7°	WBK20	WBS10	WBH10C	WBH20C	WBH10	WBH20	WBH30
	CCGW060204TS-2	2	2,8	6,45	0,4	7°	WBK20	WBS10	WBH10C	WBH20C	WBH10	WBH20	WBH30
	CCGW060208TS-2	2	2,7	6,45	0,8	7°	WBK20	WBS10	WBH10C	WBH20C	WBH10	WBH20	WBH30
	CCGW09T304TS-2	2	2,8	9,67	0,4	7°	WBK20	WBS10	WBH10C	WBH20C	WBH10	WBH20	WBH30
	CCGW09T308TS-2	2	2,7	9,67	0,8	7°	WBK20	WBS10	WBH10C	WBH20C	WBH10	WBH20	WBH30
	CCGW060202TM-2	2	2,8	6,45	0,2	7°	WBK20	WBS10	WBH10C	WBH20C	WBH10	WBH20	WBH30
	CCGW060204TM-2	2	2,8	6,45	0,4	7°	WBK20	WBS10	WBH10C	WBH20C	WBH10	WBH20	WBH30
	CCGW060208TM-2	2	2,7	6,45	0,8	7°	WBK20	WBS10	WBH10C	WBH20C	WBH10	WBH20	WBH30
	CCGW09T304TM-2	2	2,8	9,67	0,4	7°	WBK20	WBS10	WBH10C	WBH20C	WBH10	WBH20	WBH30
	CCGW09T308TM-2	2	2,7	9,67	0,8	7°	WBK20	WBS10	WBH10C	WBH20C	WBH10	WBH20	WBH30

See the ISO 1832 designation key for dimensions

Ordering example for the grade WBH10C: CCGW09T304TS-MW2 WBH10C

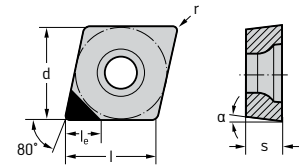
BH = CBN with high CBN content

BC = coated CBN

BL = CBN with low CBN content

B2

Turning Insert CBN – Positive rhombic 80° CPGW



Indexable inserts

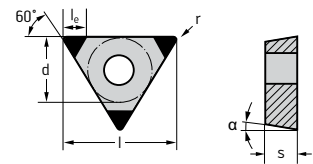
	Designation	Number of cutting edges	l mm	r mm	H
					BH
	CPGW050202	1	5,65	0,2	WCB50
	CPGW050204	1	5,65	0,4	WCB50

See the ISO 1832 designation key for dimensions

Ordering example for the grade WCB50: CPGW050202 WCB50

BH = CBN with high CBN content

Turning Insert CBN – Positive triangular 60° TCGW



Indexable inserts

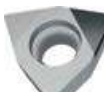
Designation	Number of cutting edges	l _e mm	l mm	r mm	α	K				
						WBK20	BH		H	
							WBH10C	WBH20C	WBH10	WBH20
 TCGW110202TS-3	3	2,8	11	0,2	7°					
TCGW110204TS-3	3	3,1	11	0,4	7°					
 TCGW110204TM-3	3	3,1	11	0,4	7°					
TCGW110208TM-3	3	2,8	11	0,8	7°					

See the ISO 1832 designation key for dimensions
Ordering example for the grade WBK20: TCGW110202TS-3 WBK20

BH = CBN with high CBN content
BC = coated CBN
BL = CBN with low CBN content

Positive Trigon 80° WCMW

Indexable inserts

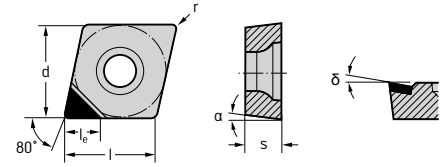
Designation	Number of cutting edges	l mm	r mm	K				N		H	
				WCB80	BH			WCD10	WCD50	BH	
					WCB80	WCB80	WCB80			WCB80	WCB80
 WCMW020104		2,7	0,4								
WCMW030202		3,5	0,2								
WCMW030204		3,5	0,4								
WCMW040202		4,3	0,2								
WCMW040204		4,3	0,4								
WCMW050304		5,43	0,4								
 WCMW020102	1	2,7	0,2								
WCMW020104	1	2,7	0,4								
WCMW030202	1	3,5	0,2								
WCMW030204	1	3,5	0,4								
WCMW040202	1	4,3	0,2								
WCMW040204	1	4,3	0,4								
WCMW050304	1	5,43	0,4								

See the ISO 1832 designation key for dimensions
Ordering example for the grade WCD10: WCMW020104 WCD10

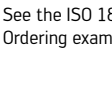
BH = CBN with high CBN content
DP = Polycrystalline diamond

Turning Insert PCD – Positive rhombic 80°

CCGT / CCGW



Indexable inserts

	Designation	Number of cutting edges	l _e mm	l mm	r mm	α		N	O
								DP	DP
	CCGT060202FS-1	1	3,5	6,45	0,2	7°	7°		
	CCGT060204FS-1	1	3,5	6,45	0,4	7°	7°		
	CCGT060208FS-1	1	3,5	6,45	0,8	7°	7°		
	CCGT09T304FS-1	1	4	9,67	0,4	7°	10°		
	CCGT09T308FS-1	1	4	9,67	0,8	7°	10°		
	CCGW060202FS-1	1	3,6	6,45	0,2	7°	0°		
	CCGW060204FS-1	1	3,5	6,45	0,4	7°	0°		
	CCGW060208FS-1	1	3,5	6,45	0,8	7°	0°		
	CCGW09T302FS-1	1	4,1	9,67	0,2	7°	0°		
	CCGW09T304FS-1	1	4,1	9,67	0,4	7°	0°		
	CCGW09T308FS-1	1	4	9,67	0,8	7°	0°		
	CCGW120404FS-1	1	4,1	12,9	0,4	7°	0°		
	CCGW120408FS-1	1	4	12,9	0,8	7°	0°		
	CCGT060204FS-M1	1	3,5	6,45	0,4	7°	25°		
	CCGT09T304FS-M1	1	4	9,67	0,4	7°	25°		
	Chipbreaker								
	CCGW060204FSL-9	1	6,4	6,45	0,4	7°	0°		
	CCGW09T304FSL-9	1	9,7	9,67	0,4	7°	0°		
	CCGW09T308FSL-9	1	9,7	9,67	0,8	7°	0°		
	CCGW060204FSR-9	1	6,4	6,45	0,4	7°	0°		
	CCGW09T304FSR-9	1	9,7	9,67	0,4	7°	0°		
	CCGW09T308FSR-9	1	9,7	9,67	0,8	7°	0°		

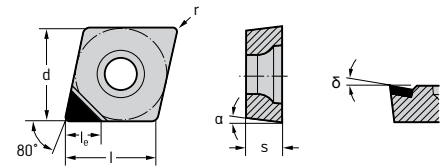
See the ISO 1832 designation key for dimensions

Ordering example for the grade WDN10: CCGT060202FS-1 WDN10

DP = Polycrystalline diamond

Turning Insert PCD – Positive rhombic 80°

CPGW



Indexable inserts

	Designation	Number of cutting edges	l_e mm	l mm	r mm	α		N	O
								DP	DP
								WDN10	WDN10
	CPGW050204FS-1	1	3	5,64	0,4	11°	0°		
	CPGW060204FS-1	1	3,5	6,45	0,4	11°	0°		
	CPGW09T304FS-1	1	4	9,67	0,4	11°	0°		
	CPGW09T308FS-1	1	4	9,67	0,8	11°	0°		
	CPGW120408FS-1	1	4	12,9	0,8	11°	0°		

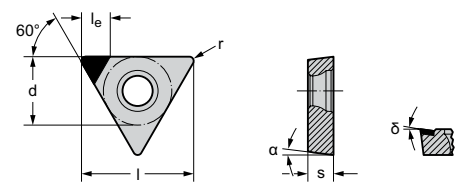
See the ISO 1832 designation key for dimensions

Ordering example for the grade WDN10: CPGW050204FS-1 WDN10

DP = Polycrystalline diamond

Turning Insert PCD – Positive triangular 60°

TCGW



Indexable inserts

	Designation	Number of cutting edges	l_e mm	l mm	r mm	α		N	O
								DP	DP
								WDN10	WDN10
	TCGW090204FS-1	1	3,8	9,62	0,4	7°	0°		
	TCGW110202FS-1	1	4,4	11	0,2	7°	0°		
	TCGW110204FS-1	1	4,3	11	0,4	7°	0°		
	TCGW110208FS-1	1	4	11	0,8	7°	0°		
	TCGW16T304FS-1	1	4,3	16,5	0,4	7°	0°		
	TCGW16T308FS-1	1	4	16,5	0,8	7°	0°		
	TCGW090204FS-9	1	9	9,62	0,4	7°	0°		
	TCGW110204FS-9	1	10,4	11	0,4	7°	0°		
	TCGW16T308FS-9	1	15,3	16,5	0,8	7°	0°		

See the ISO 1832 designation key for dimensions

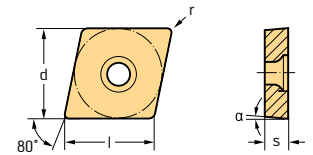
Ordering example for the grade WDN10: TCGW090204FS-1 WDN10

DP = Polycrystalline diamond

Turning Insert – Positive rhombic 80°

CCMT / CCGT

Tiger-tec® Gold



Indexable inserts

	Designation	l mm	r mm	r mm	P							M				K		S							
					HC							HE				HC				HC		HC			
					WPP10G	WPP20G	WPP20S	WSM20S	WMP20S	WPP30G	WEP10C	WSM01	WSM10S	WMP20S	WSM20S	WSM30S	WKK10S	WKK20S	WSM01	WSM10S	WSM20S	WSM30S			
	CCMT060202-E47	6,45	0,2			☹	☹						☹	☹					☹	☹					
	CCMT060204-E47	6,45	0,4			☹	☹						☹	☹					☹	☹					
	CCMT09T302-E47	9,67	0,2			☹	☹						☹	☹					☹	☹					
	CCMT09T304-E47	9,67	0,4			☹	☹						☹	☹					☹	☹					
	CCMT09T308-E47	9,67	0,8			☹	☹						☹	☹					☹	☹					
	CCMT120404-E47	12,9	0,4			☹	☹						☹	☹					☹	☹					
	CCMT120408-E47	12,9	0,8			☹	☹						☹	☹					☹	☹					
	CCMT120412-E47	12,9	1,2			☹	☹						☹						☹						
	CCMT060204-MP4	6,45		0,4	☹	☹																			
	CCMT060208-MP4	6,45		0,8	☹	☹																			
	CCMT09T304-MP4	9,67		0,4	☹	☹				☹															
	CCMT09T308-MP4	9,67		0,8	☹	☹				☹															
	CCMT120404-MP4	12,9		0,4	☹	☹																			
	CCMT120408-MP4	12,9		0,8	☹	☹																			
	CCGT060204-MP4	6,45		0,4		☹																			
	CCGT09T304-MP4	9,67		0,4	☹	☹																			
	CCGT09T308-MP4	9,67		0,8	☹	☹																			
	CCGT120408-MP4	12,9		0,8	☹	☹																			
	CCMT060204-MM4	6,45		0,4			☹	☹				☹	☹	☹	☹				☹	☹					
	CCMT060208-MM4	6,45		0,8			☹	☹				☹	☹	☹	☹				☹	☹					
	CCMT09T304-MM4	9,67		0,4			☹	☹			☹	☹	☹	☹	☹		☹	☹	☹	☹					
	CCMT09T308-MM4	9,67		0,8			☹	☹			☹	☹	☹	☹	☹		☹	☹	☹	☹					
	CCMT120404-MM4	12,9		0,4			☹	☹				☹	☹	☹	☹			☹	☹						
	CCMT120408-MM4	12,9		0,8			☹	☹				☹	☹	☹	☹			☹	☹						
	CCGT060204-MM4	6,45		0,4			☹				☹							☹	☹						
	CCGT060208-MM4	6,45		0,8			☹				☹							☹	☹						
	CCGT09T304-MM4	9,67		0,4			☹				☹							☹	☹						
	CCGT09T308-MM4	9,67		0,8			☹				☹							☹	☹						
	CCGT120408-MM4	12,9		0,8			☹												☹						
	CCMT060204-MK4	6,45		0,4												☹	☹								
	CCMT060208-MK4	6,45		0,8													☹	☹							
	CCMT09T304-MK4	9,67		0,4												☹	☹	☹							
	CCMT09T308-MK4	9,67		0,8												☹	☹	☹							
	CCMT120404-MK4	12,9		0,4												☹	☹	☹							
	CCMT120408-MK4	12,9		0,8												☹	☹	☹							
	CCGT060204-MK4	6,45		0,4													☹	☹							
	CCGT060208-MK4	6,45		0,8														☹	☹						
	CCGT09T304-MK4	9,67		0,4														☹	☹						
	CCGT09T308-MK4	9,67		0,8														☹	☹						
	CCGT120408-MK4	12,9		0,8														☹	☹						
	CCMT060204-RM4	6,45		0,4				☹					☹	☹	☹	☹			☹	☹					
	CCMT060208-RM4	6,45		0,8				☹					☹	☹	☹	☹			☹	☹					
	CCMT09T304-RM4	9,67		0,4				☹					☹	☹	☹	☹			☹	☹					
	CCMT09T308-RM4	9,67		0,8				☹					☹	☹	☹	☹			☹	☹					
	CCMT120404-RM4	12,9		0,4				☹					☹	☹	☹	☹			☹	☹					
	CCMT120408-RM4	12,9		0,8				☹					☹	☹	☹	☹			☹	☹					
	CCMT120412-RM4	12,9		1,2				☹					☹	☹	☹	☹			☹	☹					

See the ISO 1832 designation key for dimensions

Ordering example for the grade WPP20S: CCMT060202-E47 WPP20S

HC = Coated carbide

HE = Coated cermet

WALTER SELECT

Optimum indexable insert for → Good = ☺ → Average = ☹ → Poor = ☹ machining conditions

☹ ☹ ☹ / * = New addition to the product range

Indexable inserts for boring and precision boring

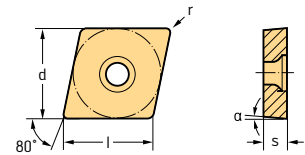
B 473

B2

Turning Insert – Positive rhombic 80°

CCMT / CCGT

Tiger-tec® Gold



Indexable inserts

	Designation	l mm	r mm	r mm	P						M					K		S			
					HC						HC					HC		HC			
					WPP10G	WPP20G	WPP20S	WSM20S	WMP20S	WPP30G	WEP10C	WSM01	WSM10S	WMP20S	WSM20S	WSM30S	WKK10S	WKK20S	WSM01	WSM10S	WSM20S
	CCMT060204-RP4	6,45		0,4	☺	☺				☹											
	CCMT060208-RP4	6,45		0,8	☺	☺				☹											
	CCMT09T304-RP4	9,67		0,4	☺	☺				☹											
	CCMT09T308-RP4	9,67		0,8	☺	☺				☹											
	CCMT120404-RP4	12,9		0,4	☺	☺				☹											
	CCMT120408-RP4	12,9		0,8	☺	☺				☹											
	CCMT120412-RP4	12,9		1,2	☺	☺				☹											
	CCMT060204-RK4	6,45		0,4												☺	☺				
	CCMT060208-RK4	6,45		0,8												☺	☺				
	CCMT09T304-RK4	9,67		0,4												☺	☺				
	CCMT09T308-RK4	9,67		0,8												☺	☺				
	CCMT120404-RK4	12,9		0,4												☺	☺				
	CCMT120408-RK4	12,9		0,8												☺	☺				
	CCMT120412-RK4	12,9		1,2												☺	☺				

See the ISO 1832 designation key for dimensions

Ordering example for the grade WPP20S: CCMT060202-E47 WPP20S

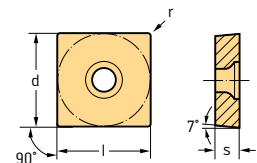
HC = Coated carbide

HE = Coated cermet

Turning Insert – Positive square

SCMT / SCGT

Tiger-tec® Gold



Indexable inserts

	Designation	l mm	r mm	r mm	P						M					K		S			
					HC						HC					HC		HC			
					WPP10G	WPP20G	WPP20S	WSM20S	WMP20S	WPP30G	WSM01	WSM10S	WMP20S	WSM20S	WSM30S	WKK10S	WKK20S	WSM01	WSM10S	WSM20S	WSM30S
	SCMT060204-E47	6,35	0,4									☹							☹	☹	☹
	SCMT09T304-E47	9,53	0,4			☹	☹					☹							☹	☹	☹
	SCMT09T308-E47	9,53	0,8			☹	☹					☹		☹	☹				☹	☹	☹
	SCMT120408-E47	12,7	0,8			☹	☹							☹	☹				☹	☹	☹
	SCMT09T304-MP4	9,53		0,4		☹	☹														
	SCMT09T308-MP4	9,53		0,8	☹	☹	☹														
	SCMT120408-MP4	12,7		0,8	☹	☹	☹														

See the ISO 1832 designation key for dimensions

Ordering example for the grade WPP20S: SCMT060204-E47 WPP20S

HC = Coated carbide

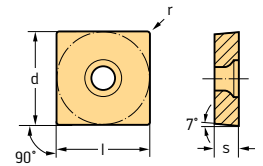
WALTER SELECT

Optimum indexable insert for → Good = ☺ → Average = ☹ → Poor = ☹ machining conditions

Turning Insert – Positive square

SCMT / SCGT

Tiger-tec® Gold



Indexable inserts

	Designation	l mm	r mm	r mm	P						M					K		S			
					HC						HC					HC		HC			
					WPP10G	WPP20G	WPP20S	WSM20S	WMP20S	WPP30G	WSM01	WSM10S	WMP20S	WSM20S	WSM30S	WKK10S	WKK20S	WSM01	WSM10S	WSM20S	WSM30S
	SCGT09T304-MP4	9,53		0,4																	
	SCGT09T308-MP4	9,53		0,8																	
	SCGT120408-MP4	12,7		0,8																	
	SCMT09T304-MM4	9,53		0,4																	
	SCMT09T308-MM4	9,53		0,8																	
	SCMT120408-MM4	12,7		0,8																	
	SCGT09T304-MM4	9,53		0,4																	
	SCGT09T308-MM4	9,53		0,8																	
	SCGT120408-MM4	12,7		0,8																	
	SCMT09T304-MK4	9,53		0,4																	
	SCMT09T308-MK4	9,53		0,8																	
	SCMT120408-MK4	12,7		0,8																	
	SCGT09T308-MK4	9,53		0,8																	
	SCMT09T304-RM4	9,53		0,4																	
	SCMT09T308-RM4	9,53		0,8																	
	SCMT120404-RM4	12,7		0,4																	
	SCMT120408-RM4	12,7		0,8																	
	SCMT120412-RM4	12,7		1,2																	
	SCMT09T304-RP4	9,53		0,4																	
	SCMT09T308-RP4	9,53		0,8																	
	SCMT09T312-RP4	9,53		1,2																	
	SCMT120404-RP4	12,7		0,4																	
	SCMT120408-RP4	12,7		0,8																	
	SCMT120412-RP4	12,7		1,2																	
	SCMT09T304-RK4	9,53		0,4																	
	SCMT09T308-RK4	9,53		0,8																	
	SCMT120404-RK4	12,7		0,4																	
	SCMT120408-RK4	12,7		0,8																	
	SCMT120412-RK4	12,7		1,2																	

See the ISO 1832 designation key for dimensions

Ordering example for the grade WPP20S: SCMT060204-E47 WPP20S

HC = Coated carbide

WALTER SELECT

Optimum indexable insert for → Good = ☺ → Average = ☹ → Poor = ☹ machining conditions

☹ ☹ ☹ / ★ = New addition to the product range

Indexable inserts for boring and precision boring

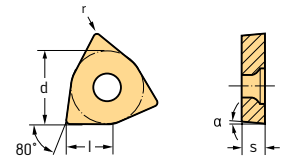
B 475

B2

Turning Insert – Positive Trigon 80°

WCMT

Tiger-tec® Gold



Indexable inserts

	Designation	l mm	r mm	r mm	P			M		K	S		
					HC			HC		HC	HC		
					WPP20G	WPP20S	WSM20S	WPP30G	WSM20S	WSM30S	WKK20S	WSM20S	WSM30S
	WCMT030204-E47	3,5	0,4										
	WCMT040204-E47	4,3	0,4										
	WCMT06T304-E47	6,5	0,4										
	WCMT06T308-E47	6,5	0,8										
	WCMT06T304-MP4	6,52		0,4									
	WCMT06T308-MP4	6,52		0,8									
	WCMT06T304-MM4	6,52		0,4									
	WCMT06T308-MM4	6,52		0,8									
	WCMT030202-RM4	3,91		0,2									
	WCMT040202-RM4	4,34		0,2									
	WCMT040204-RM4	4,34		0,4									
	WCMT06T304-RM4	6,52		0,4									
	WCMT06T308-RM4	6,52		0,8									
	WCMT080408-RM4	8,69		0,8									
	WCMT080412-RM4	8,69		1,2									
	WCMT030202-RP4	3,91		0,2									
	WCMT040204-RP4	4,34		0,4									
	WCMT06T304-RP4	6,52		0,4									
	WCMT06T308-RP4	6,52		0,8									
	WCMT080404-RP4	8,69		0,4									
	WCMT080408-RP4	8,69		0,8									
	WCMT080412-RP4	8,69		1,2									
	WCMT040204-RK4	4,34		0,4									
	WCMT06T304-RK4	6,52		0,4									
	WCMT06T308-RK4	6,52		0,8									
	WCMT080404-RK4	8,69		0,4									
	WCMT080408-RK4	8,69		0,8									
	WCMT080412-RK4	8,69		1,2									

See the ISO 1832 designation key for dimensions

Ordering example for the grade WPP20S: WCMT030204-E47 WPP20S

HC = Coated carbide

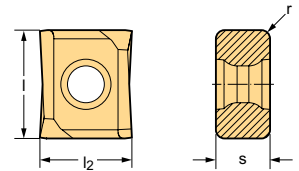
WALTER SELECT

Optimum indexable insert for → Good = ☺ → Average = ☹ → Poor = ☹ machining conditions

Tangential rhombic

P4130 / P4160 / P4460

Tiger-tec® Silver



Indexable inserts

Designation	l_2 mm	l mm	r mm	P	M	K	N	S
				HC	HC	HC	HC	HW
				WSM20S	WKP30S	WSM20S	WKK10S	WKK20S
 P4130-4R12-E47	10,48	14	1,2	☹	☹	☹	☹	☹
 P4160-2L08-E47	9,69	10	0,8	☹	☹	☹	☹	☹
P4160-2R04-E47	9,69	10	0,4	☹	☹	☹	☹	☹
P4160-2R08-E47	9,69	10	0,8	☹	☹	☹	☹	☹
 P4460-2R04-G88	9,69	10	0,4	☹	☹	☹	☹	☹
P4460-2R08-G88	9,69	10	0,8	☹	☹	☹	☹	☹

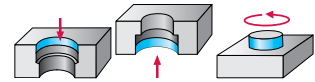
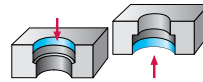
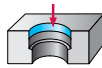
Ordering example for the grade WKK10S: P4130-4R12-E47 WKK10S

HC = Coated carbide
HW = Uncoated carbide

B 2

Precision boring tools

Machining



Diameter range [mm]

1–20

19–167

148–635



Designation

B5110

B5115

B5120

Display

analogue

analogue

analogue

Shank

Walter Capto™

✓

✓

✓

ScrewFit

✓

✓

NCT

✓

✓

✓

P Steel

●●

●●

●●

M Stainless steel

●●

●●

●●

K Cast iron

●●

●●

●●

N NF metals

●●

●●

●●

S Materials with difficult cutting properties

●●

●●

●●

H Hard materials

●

●

●

O Other

●

●

●

Solid carbide boring bar



Suitable insert types



Page in catalogue

B 482

B 486

B 504

QR code


www.walter-tools.com/woc/

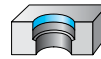
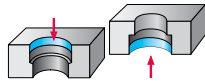
B5110

B5115

B5120

Precision boring tools

Machining



Diameter range [mm]

69–167

3–124

Designation

B5125

B4035

EB100

Display

analogue

digital

Shank

Walter Capto™

✓

✓

ScrewFit

✓

NCT

P Steel

● ●

● ●

M Stainless steel

● ●

● ●

K Cast iron

● ●

● ●

N NF metals

● ●

● ●

S Materials with difficult cutting properties

● ●

● ●

H Hard materials

●

●

O Other

●

●

Solid carbide boring bar



Suitable insert types



Page in catalogue

B 494

B 506

B 548

QR code


www.walter-tools.com/woc/

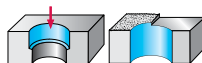
B5125

B4035

EB100

Two flute boring tools

Machining



Diameter range [mm]

148–620

148–620

33–153



Designation

B5460

B5560

B3220

Display

analogue

analogue

analogue

Shank

Walter Capto™

✓

✓

✓

ScrewFit

✓

NCT

✓

✓

✓

P Steel

●●

●●

●●

M Stainless steel

●●

●●

●●

K Cast iron

●●

●●

●●

N NF metals

●●

●●

●

S Materials with difficult cutting properties

●●

●●

●●

H Hard materials

O Other

Solid carbide boring bar

Suitable insert types



Page in catalogue

B 554

B 556

B 558

QR code


www.walter-tools.com/woc/

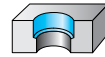
B5460

B5560

B3220

Two flute boring tools

Machining



Diameter range [mm]

20–33



Designation

B3221

Display

analogue

Shank

Walter Capto™

✓

ScrewFit

✓

NCT

✓

P Steel

● ●

M Stainless steel

● ●

K Cast iron

● ●

N NF metals

●

S Materials with difficult cutting properties

● ●

H Hard materials

O Other

Solid carbide boring bar

Suitable insert types



Page in catalogue

B 558

QR code


www.walter-tools.com/woc/

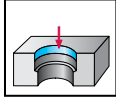
B3221

Precision boring tool

B5110 mm

Walter Precision XT

– Diameter adjustment for mm and inch measurement unit



D_c 1–20	$\kappa=92^\circ$	$Z=1$

	P	M	K	N	S	H	O
B5110	●	●	●	●	●	●	●

Tool

	Designation	D_c mm	d_1	L_c mm	l_4 mm	kg	Type
Walter Capto™ in acc. with ISO 26623	B5110-001-003-C3-CS	1–3	C3	6	48	0,2	
	B5110-0017-0037-C3-CS	1,7–3,7	C3	9	48	0,2	
	B5110-0022-0042-C3-CS	2,2–4,2	C3	13	53	0,2	
	B5110-0027-0047-C3-CS	2,7–4,7	C3	15	53	0,2	
	B5110-0032-0052-C3-CS	3,2–5,2	C3	20	58	0,2	
	B5110-0042-0062-C3-CS	4,2–6,2	C3	20	58	0,6	
	B5110-0062-0082-C3-CS	6,2–8,2	C3	30	68	0,2	
Walter Capto™ in acc. with ISO 26623	B5110-008-010-C3-TC06	8–10	C3	30	67	0,2	TC .. 06T1 ..
	B5110-010-012-C3-TC06	10–12	C3	40	81	0,3	
	B5110-012-014-C3-TC06	12–14	C3	40	81	0,3	
Walter Capto™ in acc. with ISO 26623	B5110-014-017-C4-TC09	14–17	C4	50	93	0,5	TC .. 0902 ..
	B5110-017-020-C4-TC09	17–20	C4	50	93	0,5	

Bodies and assembly parts are included in the scope of delivery

Assembly parts

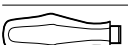
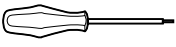
Type	TC .. 06T1 ..	TC .. 0902 ..
Clamping screw	FS2623 (SW 2,5)	FS2625 (SW 3)
Clamping screw for indexable insert	FS2626 (6IP) 0,6 Nm	FS2627 (7IP) 0,8 Nm



B 2

Basic body		Boring bar
	B5110-001-006-C3-B	EB701.WKP21
	B5110-001-006-C3-B	EB702.WKP21
	B5110-001-006-C3-B	EB703.WKP21
	B5110-001-006-C3-B	EB704.WKP21
	B5110-001-006-C3-B	EB705.WKP21
	B5110-001-006-C3-B	EB706.WKP21
	B5110-006-010-C3-B	EB707.WKP21
	B5110-006-010-C3-B	EB708.TC06
	B5110-010-014-C3-B	EB709.TC06
	B5110-010-014-C3-B	EB710.TC06
	B5110-014-020-C4-B	EB711.TC09
	B5110-014-020-C4-B	EB712.TC09

Accessories

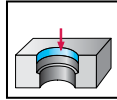
Type	TC .. 06T1 ..		TC .. 0902 ..
	ISO 2936-2,5 key	ISO2936-2,5 (SW 2,5)	ISO2936-2,5 (SW 2,5)
	ISO 2936-3 key		ISO2936-3 (SW 3)
	Torque screwdriver, analogue		FS2001
	Interchangeable blade		FS2085 (T6IP)
	Screwdriver		FS2086 (T6IP)

Precision boring tool

B5110 mm

Walter Precision XT

– Diameter adjustment for mm and inch measurement unit



D_c 1–20	$\kappa=92^\circ$	$Z=1$

	P	M	K	N	S	H	O
B5110	●	●	●	●	●	●	●

Tool

Designation	D_c mm	d_1	L_c mm	l_4 mm	kg	Type
B5110-001-003-T22-CS	1–3	T22	6	45	0,1	
B5110-0017-0037-T22-CS	1,7–3,7	T22	9	45	0,1	
B5110-0022-0042-T22-CS	2,2–4,2	T22	13	50	0,1	
B5110-0027-0047-T22-CS	2,7–4,7	T22	15	50	0,1	
B5110-0032-0052-T22-CS	3,2–5,2	T22	20	55	0,1	
B5110-0042-0062-T22-CS	4,2–6,2	T22	20	55	0,1	
B5110-0062-0082-T22-CS	6,2–8,2	T22	30	70	0,2	TC .. 06T1 ..
B5110-008-010-T22-TC06	8–10	T22	30	69	0,2	
B5110-010-012-T28-TC06	10–12	T28	40	86	0,3	
B5110-012-014-T28-TC06	12–14	T28	40	86	0,3	TC .. 0902 ..
B5110-014-017-T36-TC09	14–17	T36	50	98	0,6	
B5110-017-020-T36-TC09	17–20	T36	50	98	0,6	

Bodies and assembly parts are included in the scope of delivery

Assembly parts

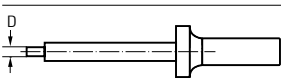
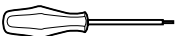
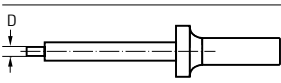
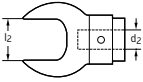
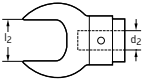
Type	TC .. 06T1 ..	TC .. 0902 ..
Clamping screw	FS2623 (SW 2,5)	FS2625 (SW 3)
Clamping screw for indexable insert	FS2626 (6IP) 0,6 Nm	FS2627 (7IP) 0,8 Nm
Torque wrench	FS1386	FS1386
Torque wrench head	FS1390	FS1392



B 2

Basic body		Boring bar
	B5110-001-006-T22-B	EB701.WKP21
	B5110-001-006-T22-B	EB702.WKP21
	B5110-001-006-T22-B	EB703.WKP21
	B5110-001-006-T22-B	EB704.WKP21
	B5110-001-006-T22-B	EB705.WKP21
	B5110-001-006-T22-B	EB706.WKP21
	B5110-006-010-T22-B	EB707.WKP21
	B5110-006-010-T22-B	EB708.TC06
	B5110-010-014-T28-B	EB709.TC06
	B5110-010-014-T28-B	EB710.TC06
	B5110-014-020-T36-B	EB711.TC09
	B5110-014-020-T36-B	EB712.TC09

Accessories

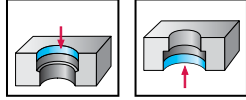
Type	TC .. 06T1 ..		TC .. 0902 ..
	ISO 2936-2,5 key	ISO2936-2,5 (SW 2,5)	ISO2936-2,5 (SW 2,5)
	ISO 2936-3 key		ISO2936-3 (SW 3)
	Torque screwdriver, analogue		FS2001
	Interchangeable blade		FS2085 (T6IP)
	Torque wrench	FS1385	FS1385
	Screwdriver		FS2086 (T6IP)
	Torque wrench	FS1386	FS1386
	Torque wrench head	FS1390	FS1390
	Torque wrench head		FS1391

Precision boring tool

B5115 mm

Walter Precision XT

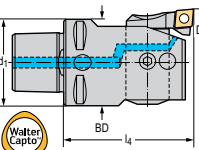
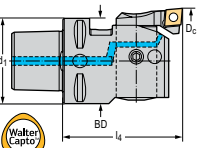
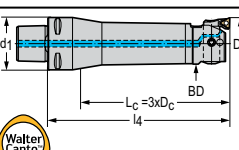
– Diameter adjustment for mm and inch measurement unit



D_c 19–167	$\kappa=92^\circ$	$Z=1$

	P	M	K	N	S	H	O
B5115	●	●	●	●	●	●	●

Tool

	B5115-035-045-C3-CC06	35–45	C3	48	32	0,7	CC .. 0602 ..
	B5115-044-056-C4-CC06	44–56	C4	56	40	0,5	
Walter Capto™ in acc. with ISO 26623							
	B5115-055-070-C5-CC09	55–70	C5	70	50	1	CC .. 09T3 ..
	B5115-069-087-C6-CC09	69–87	C6	82	63	1,9	
	B5115-086-107-C6-CC09	86–107	C6	94	80	2,6	
	B5115-106-137-C6-CC09	106–137	C6	94	100	3	
	B5115-106-137-C8-CC09	106–137	C8	104	100	4,3	
Walter Capto™ in acc. with ISO 26623	B5115-136-167-C6-CC09	136–167	C6	94	130	3,7	CC .. 09T3 ..
	B5115-136-167-C8-CC09	136–167	C8	104	130	4,9	
	B5115-019-023-C3-TC06	19–23	C3	89	18	0,3	TC .. 06T1 ..
	B5115-023-029-C3-TC06	23–29	C3	105	20	0,4	
	B5115-028-036-C3-TC06	28–36	C3	117	25	0,5	
Walter Capto™ in acc. with ISO 26623							

Bodies and assembly parts are included in the scope of delivery

Assembly parts

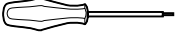
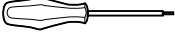
	Type	CC .. 0602 ..	CC .. 09T3 ..	TC .. 06T1 ..	TC .. 0902 ..	TC .. 1102 ..
	Clamping screw	FS2624 (SW 3)	FS2630 (SW 4)	FS2628 (SW 2)	FS2624 (SW 3)	FS2630 (SW 4)
	Clamping screw for indexable insert	FS2665 (7IP) 0,8 Nm	FS2666 (15IP) 3 Nm	FS2633 (6IP) 0,6 Nm	FS2664 (7IP) 0,8 Nm	FS2665 (7IP) 0,8 Nm
	Clamping screw for cartridge	FS2635 (SW 3)	FS2636 (SW 4)	FS2634 (SW 2)	FS2635 (SW 3)	FS2636 (SW 4)
	Coolant screw	FS2640 (SW 0,9)	FS2641 (SW 1,5)	FS2640 (SW 0,9)	FS2640 (SW 0,9)	FS2641 (SW 1,5)



B 2

Basic body		Cartridge
	B5115-035-045-C3-B	EB716.CC06
	B5115-044-056-C4-B	EB716.CC06
	B5115-055-070-C5-B	EB717.CC09
	B5115-069-087-C6-B	EB717.CC09
	B5115-086-107-C6-B	EB717.CC09
	B5115-106-137-C6-B	EB717.CC09
	B5115-106-137-C8-B	EB717.CC09
	B5115-136-167-C6-B	EB717.CC09
	B5115-136-167-C8-B	EB717.CC09
	B5115-019-023-C3-B	EB713.TC06
	B5115-023-029-C3-B	EB713.TC06
	B5115-028-036-C3-B	EB713.TC06

Accessories

	Type	CC .. 0602 ..-TC .. 0902 ..	CC .. 09T3 ..	TC .. 06T1 ..	TC .. 1102 ..
	ISO 2936-1,5 key		ISO2936-1,5 (SW 1,5)		ISO2936-1,5 (SW 1,5)
	ISO 2936-2 key		ISO2936-2 (SW 2)	ISO2936-2 (SW 2)	ISO2936-2 (SW 2)
	ISO 2936-2,5 key			ISO2936-2,5 (SW 2,5)	
	ISO 2936-3 key	ISO2936-3 (SW 3)			
	ISO 2936-0,9 key	ISO2936-0,9 (SW 0,9)		ISO2936-0,9 (SW 0,9)	
	ISO 2936-4 key		ISO2936-4 (SW 4)		ISO2936-4 (SW 4)
	Torque screwdriver, analogue	FS2001	FS2003	FS2001	FS2001
	Torque screwdriver, digital		FS2248		
	Interchangeable blade	FS2011 (T7IP)		FS2085 (T6IP)	FS2011 (T7IP)
	Screwdriver	FS2088 (T7IP)		FS2086 (T6IP)	FS2088 (T7IP)
	Interchangeable blade		FS2014 (T15IP)		
	Screwdriver		FS1485 (T15IP)		
	Extension	EB736 3 Nm	EB737 6 Nm	EB735 1,2 Nm	EB737 6 Nm

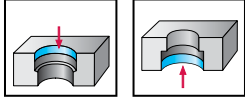
Precision boring tool

B5115 mm

Walter Precision XT

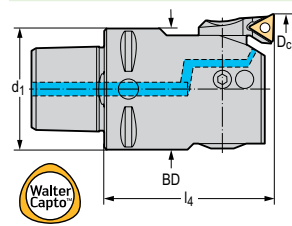
– Diameter adjustment for mm and inch measurement unit

D_c 19–167	$\kappa=92^\circ$	$Z=1$

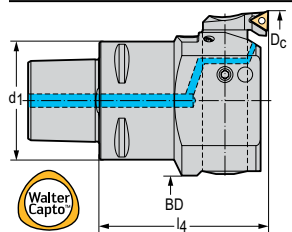


	P	M	K	N	S	H	O
B5115	●	●	●	●	●	●	●

Tool



Walter Capto™ in acc. with ISO 26623



Walter Capto™ in acc. with ISO 26623

Designation	D_c mm	d_1	l_4 mm	BD mm	kg	Type
B5115-035-045-C3-TC09	35–45	C3	48	32	0,3	TC .. 0902 ..
B5115-044-056-C4-TC09	44–56	C4	56	40	0,5	
B5115-055-070-C5-TC11	55–70	C5	66	50	1	TC .. 1102 ..
B5115-069-087-C6-TC11	69–87	C6	78	63	1,9	
B5115-086-107-C6-TC11	86–107	C6	90	80	3,1	
B5115-106-137-C6-TC11	106–137	C6	90	100	3	
B5115-106-137-C8-TC11	106–137	C8	100	100	4,3	
B5115-136-167-C6-TC11	136–167	C6	90	130	3,7	
B5115-136-167-C8-TC11	136–167	C8	100	130	4,9	

Bodies and assembly parts are included in the scope of delivery

Assembly parts

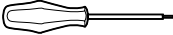
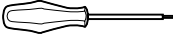
Type	CC .. 0602 ..	CC .. 09T3 ..	TC .. 06T1 ..	TC .. 0902 ..	TC .. 1102 ..
Clamping screw	FS2624 (SW 3)	FS2630 (SW 4)	FS2628 (SW 2)	FS2624 (SW 3)	FS2630 (SW 4)
Clamping screw for indexable insert	FS2665 (7IP) 0,8 Nm	FS2666 (15IP) 3 Nm	FS2633 (6IP) 0,6 Nm	FS2664 (7IP) 0,8 Nm	FS2665 (7IP) 0,8 Nm
Clamping screw for cartridge	FS2635 (SW 3)	FS2636 (SW 4)	FS2634 (SW 2)	FS2635 (SW 3)	FS2636 (SW 4)
Coolant screw	FS2640 (SW 0,9)	FS2641 (SW 1,5)	FS2640 (SW 0,9)	FS2640 (SW 0,9)	FS2641 (SW 1,5)



B 2

Basic body		Cartridge
	B5115-035-045-C3-B	EB714.TC09
	B5115-044-056-C4-B	EB714.TC09
	B5115-055-070-C5-B	EB715.TC11
	B5115-069-087-C6-B	EB715.TC11
	B5115-086-107-C6-B	EB715.TC11
	B5115-106-137-C6-B	EB715.TC11
	B5115-106-137-C8-B	EB715.TC11
	B5115-136-167-C6-B	EB715.TC11
	B5115-136-167-C8-B	EB715.TC11

Accessories

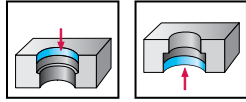
Type	CC .. 0602 ..-TC .. 0902 ..	CC .. 09T3 ..	TC .. 06T1 ..	TC .. 1102 ..
	ISO 2936-1,5 key		ISO2936-1,5 (SW 1,5)	ISO2936-1,5 (SW 1,5)
	ISO 2936-2 key		ISO2936-2 (SW 2)	ISO2936-2 (SW 2)
	ISO 2936-2,5 key		ISO2936-2,5 (SW 2,5)	
	ISO 2936-3 key	ISO2936-3 (SW 3)		
	ISO 2936-0,9 key	ISO2936-0,9 (SW 0,9)	ISO2936-0,9 (SW 0,9)	
	ISO 2936-4 key		ISO2936-4 (SW 4)	ISO2936-4 (SW 4)
	Torque screwdriver, analogue	FS2001	FS2003	FS2001
	Torque screwdriver, digital		FS2248	
	Interchangeable blade	FS2011 (T7IP)		FS2011 (T7IP)
	Screwdriver	FS2088 (T7IP)	FS2086 (T6IP)	FS2088 (T7IP)
	Interchangeable blade		FS2014 (T15IP)	
	Screwdriver		FS1485 (T15IP)	
	Extension	EB736 3 Nm	EB735 1,2 Nm	
	Extension		EB737 6 Nm	EB737 6 Nm

Precision boring tool

B5115 mm

Walter Precision XT

– Diameter adjustment for mm and inch measurement unit



D_c 19–167	$\kappa=92^\circ$	$Z=1$

	P	M	K	N	S	H	O
B5115	●	●	●	●	●	●	●

Tool	Designation	D_c mm	d_1	l_4 mm	BD mm	kg	Type
 ScrewFit	B5115-035-045-T28-CC06	35–45	T28	54	32	0,6	CC .. 0602 ..
	B5115-044-056-T36-CC06	44–56	T36	56	40	0,6	
 ScrewFit	B5115-055-070-T45-CC09	55–70	T45	74	50	1	CC .. 09T3 ..
 ScrewFit	B5115-019-023-T18-TC06	19–23	T18	38	18	0,1	TC .. 06T1 ..
	B5115-023-029-T18-TC06	23–29	T18	38	20	0,1	
	B5115-028-036-T22-TC06	28–36	T22	41	25	0,2	
 ScrewFit	B5115-035-045-T28-TC09	35–45	T28	54	32	0,3	TC .. 0902 ..
	B5115-044-056-T36-TC09	44–56	T36	56	40	0,6	

Bodies and assembly parts are included in the scope of delivery

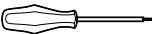
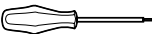
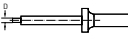
Assembly parts						
Type		CC .. 0602 ..	CC .. 09T3 ..	TC .. 06T1 ..	TC .. 0902 ..	TC .. 1102 ..
	Clamping screw	FS2624 (SW 3)	FS2630 (SW 4)	FS2628 (SW 2)	FS2624 (SW 3)	FS2630 (SW 4)
	Clamping screw for indexable insert	FS2665 (7IP) 0,8 Nm	FS2666 (15IP) 3 Nm	FS2633 (6IP) 0,6 Nm	FS2664 (7IP) 0,8 Nm	FS2665 (7IP) 0,8 Nm
	Clamping screw for cartridge	FS2635 (SW 3)	FS2636 (SW 4)	FS2634 (SW 2)	FS2635 (SW 3)	FS2636 (SW 4)
	Coolant screw	FS2640 (SW 0,9)	FS2641 (SW 1,5)	FS2640 (SW 0,9)	FS2640 (SW 0,9)	FS2641 (SW 1,5)
	Torque wrench	FS1386	FS1386	FS1386	FS1386	FS1386
	Torque wrench head	FS1391	FS1393	FS1389	FS1391	FS1393
	Adaptor		FS1394			FS1394



B 2

Basic body		Cartridge
	B5115-035-045-T28-B	EB716.CC06
	B5115-044-056-T36-B	EB716.CC06
	B5115-055-070-T45-B	EB717.CC09
	B5115-019-023-T18-B	EB713.TC06
	B5115-023-029-T18-B	EB713.TC06
	B5115-028-036-T22-B	EB713.TC06
	B5115-035-045-T28-B	EB714.TC09
	B5115-044-056-T36-B	EB714.TC09

Accessories

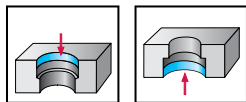
Type	CC .. 0602 ..-TC .. 0902 ..	CC .. 09T3 ..	TC .. 06T1 ..	TC .. 1102 ..
	ISO 2936-1,5 key		ISO2936-1,5 (SW 1,5)	ISO2936-1,5 (SW 1,5)
	ISO 2936-2 key		ISO2936-2 (SW 2)	
	ISO 2936-3 key	ISO2936-3 (SW 3)		
	ISO 2936-0,9 key	ISO2936-0,9 (SW 0,9)	ISO2936-0,9 (SW 0,9)	
	ISO 2936-4 key		ISO2936-4 (SW 4)	ISO2936-4 (SW 4)
	Torque screwdriver, analogue	FS2001	FS2003	FS2001
	Torque screwdriver, digital		FS2248	
	Interchangeable blade	FS2011 (T7IP)	FS2014 (T15IP)	FS2085 (T6IP)
	Screwdriver	FS2088 (T7IP)		FS2086 (T6IP)
	Interchangeable blade		FS1485 (T15IP)	
	Screwdriver	EB736 3 Nm		EB735 1,2 Nm
	Extension		EB737 6 Nm	EB737 6 Nm
	Extension	FS1386		FS1386
	Torque wrench		FS1385	
	Torque wrench	FS1391		
	Torque wrench head		FS1389	FS1393
	Torque wrench head			FS1394

Precision boring tool

B5115 mm

Walter Precision XT

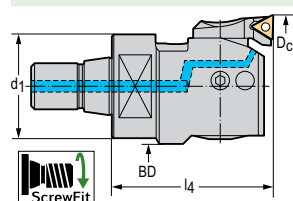
– Diameter adjustment for mm and inch measurement unit



D_c 19–167	$\kappa=92^\circ$	$Z=1$

	P	M	K	N	S	H	O
B5115	●	●	●	●	●	●	●

Tool



ScrewFit

Designation

B5115-055-070-T45-TC11

D_c
mm

55–70

d_1

T45

l_4
mm

BD
mm

50



kg

1

Type

TC .. 1102 ..

Bodies and assembly parts are included in the scope of delivery

Assembly parts

Type	CC .. 0602 ..	CC .. 09T3 ..	TC .. 06T1 ..	TC .. 0902 ..	TC .. 1102 ..
Clamping screw	FS2624 (SW 3)	FS2630 (SW 4)	FS2628 (SW 2)	FS2624 (SW 3)	FS2630 (SW 4)
Clamping screw for indexable insert	FS2665 (7IP) 0,8 Nm	FS2666 (15IP) 3 Nm	FS2633 (6IP) 0,6 Nm	FS2664 (7IP) 0,8 Nm	FS2665 (7IP) 0,8 Nm
Clamping screw for cartridge	FS2635 (SW 3)	FS2636 (SW 4)	FS2634 (SW 2)	FS2635 (SW 3)	FS2636 (SW 4)
Coolant screw	FS2640 (SW 0,9)	FS2641 (SW 1,5)	FS2640 (SW 0,9)	FS2640 (SW 0,9)	FS2641 (SW 1,5)
Torque wrench	FS1386	FS1386	FS1386	FS1386	FS1386
Torque wrench head	FS1391	FS1393	FS1389	FS1391	FS1393
Adaptor		FS1394			FS1394



B 2

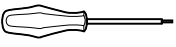
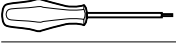
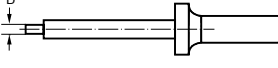
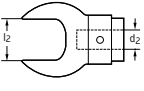
Basic body

B5115-055-070-T45-B

Cartridge

EB715.TC11

Accessories

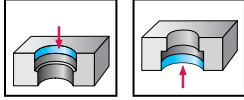
	Type	CC .. 0602 ..-TC .. 0902 ..	CC .. 09T3 ..	TC .. 06T1 ..	TC .. 1102 ..
	ISO 2936-1,5 key		ISO2936-1,5 (SW 1,5)		ISO2936-1,5 (SW 1,5)
	ISO 2936-2 key			ISO2936-2 (SW 2)	
	ISO 2936-3 key	ISO2936-3 (SW 3)			
	ISO 2936-0,9 key	ISO2936-0,9 (SW 0,9)		ISO2936-0,9 (SW 0,9)	
	ISO 2936-4 key		ISO2936-4 (SW 4)		ISO2936-4 (SW 4)
	Torque screwdriver, analogue	FS2001	FS2003	FS2001	FS2001
	Torque screwdriver, digital		FS2248		
	Interchangeable blade	FS2011 (T7IP)		FS2085 (T6IP)	FS2011 (T7IP)
	Screwdriver	FS2088 (T7IP)		FS2086 (T6IP)	FS2088 (T7IP)
	Interchangeable blade		FS2014 (T15IP)		
	Screwdriver		FS1485 (T15IP)		
	Extension	EB736 3 Nm		EB735 1,2 Nm	
	Extension		EB737 6 Nm		EB737 6 Nm
	Torque wrench	FS1386		FS1386	FS1386
	Torque wrench			FS1385	
	Torque wrench head	FS1391			
	Torque wrench head			FS1389	FS1393
	Adaptor				FS1394

Fine Lightweight boring tool

B5125 mm

Walter Precision XT

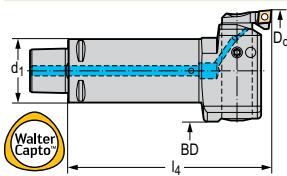
- Weight reduced (LWS)
- Diameter adjustment for mm and inch measurement unit



D_c 69–167	$\kappa=92^\circ$	$Z=1$	LWS

	P	M	K	N	S	H	O
B5125	●	●	●	●	●	●	●

Tool



Designation	D_c mm	d_1	l_4 mm	BD mm	kg	Type
B5125-069-087-C5-CC09	69–87	C5	154	63	1,5	CC .. 09T3 ..
B5125-086-107-C5-CC09	86–107	C5	160	80	1,6	
B5125-106-137-C6-CC09	106–137	C6	194	100	3	
B5125-136-167-C8-CC09	136–167	C8	204	130	4,1	

Walter Capto™ in acc. with ISO 26623

Bodies and assembly parts are included in the scope of delivery

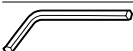
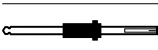
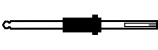
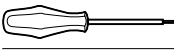
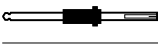
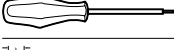
Assembly parts

Type	CC .. 09T3 ..	TC .. 1102 ..
Clamping screw	FS2630 (SW 4)	FS2630 (SW 4)
Clamping screw for indexable insert	FS2666 (15IP) 3 Nm	FS2665 (7IP) 0,8 Nm
Clamping screw for cartridge	FS2636 (SW 4)	FS2636 (SW 4)
Coolant screw	FS2641 (SW 1,5)	FS2641 (SW 1,5)



Basic body		Cartridge
	B5125-069-087-C5-B	EB717.CC09
	B5125-086-107-C5-B	EB717.CC09
	B5125-106-137-C6-B	EB717.CC09
	B5125-136-167-C8-B	EB717.CC09

B 2

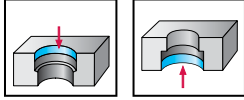
Accessories			
	Type	CC .. 09T3 ..	TC .. 1102 ..
	ISO 2936-1,5 key	ISO2936-1,5 (SW 1,5)	ISO2936-1,5 (SW 1,5)
	ISO 2936-2 key	ISO2936-2 (SW 2)	ISO2936-2 (SW 2)
	ISO 2936-4 key	ISO2936-4 (SW 4)	ISO2936-4 (SW 4)
	Torque screwdriver, analogue	FS2003	FS2001
	Torque screwdriver, analogue		FS2011 (T7IP)
	Torque screwdriver, digital	FS2248	
	Screwdriver		FS2088 (T7IP)
	Interchangeable blade	FS2014 (T15IP)	
	Screwdriver	FS1485 (T15IP)	
	Extension	EB737 6 Nm	EB737 6 Nm

Fine Lightweight boring tool

B5125 mm

Walter Precision XT

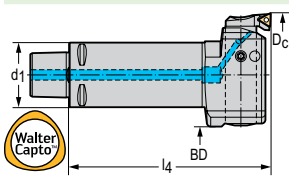
- Weight reduced (LWS)
- Diameter adjustment for mm and inch measurement unit



D_c 69–167	$\kappa=92^\circ$	$Z=1$	LWS

	P	M	K	N	S	H	O
B5125	●	●	●	●	●	●	●

Tool



Walter Capto™ in acc. with ISO 26623

Bodies and assembly parts are included in the scope of delivery

Designation	D_c mm	d_1	l_4 mm	BD mm	kg	Type
B5125-069-087-C5-TC11	69–87	C5	150	63	1,5	TC .. 1102 ..
B5125-086-107-C5-TC11	86–107	C5	156	80	1,6	
B5125-106-137-C6-TC11	106–137	C6	190	100	3	
B5125-136-167-C8-TC11	136–167	C8	200	130	4,1	

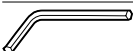
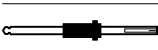
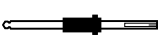
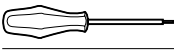
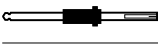
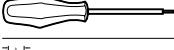
Assembly parts

Type	CC .. 09T3 ..	TC .. 1102 ..
Clamping screw	FS2630 (SW 4)	FS2630 (SW 4)
Clamping screw for indexable insert	FS2666 (15IP) 3 Nm	FS2665 (7IP) 0,8 Nm
Clamping screw for cartridge	FS2636 (SW 4)	FS2636 (SW 4)
Coolant screw	FS2641 (SW 1,5)	FS2641 (SW 1,5)



Basic body		Cartridge
	B5125-069-087-C5-B	EB715.TC11
	B5125-086-107-C5-B	EB715.TC11
	B5125-106-137-C6-B	EB715.TC11
	B5125-136-167-C8-B	EB715.TC11

B 2

Accessories			
	Type	CC .. 09T3 ..	TC .. 1102 ..
	ISO 2936-1,5 key	ISO2936-1,5 (SW 1,5)	ISO2936-1,5 (SW 1,5)
	ISO 2936-2 key	ISO2936-2 (SW 2)	ISO2936-2 (SW 2)
	ISO 2936-4 key	ISO2936-4 (SW 4)	ISO2936-4 (SW 4)
	Torque screwdriver, analogue	FS2003	FS2001
	Torque screwdriver, analogue		FS2011 (T7IP)
	Torque screwdriver, digital	FS2248	
	Screwdriver		FS2088 (T7IP)
	Interchangeable blade	FS2014 (T15IP)	
	Screwdriver	FS1485 (T15IP)	
	Extension	EB737 6 Nm	EB737 6 Nm

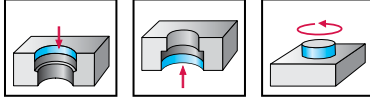
Precision boring tool

B5120 mm

Walter Precision XT

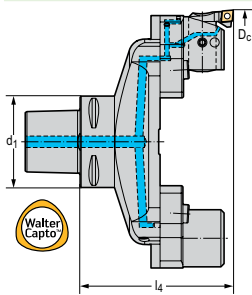
- Basic body/bridge can also be used with B5460 and B5560
- Diameter adjustment for mm and inch measurement unit

D _c 148- 635	κ=92°	Z= 1



	P	M	K	N	S	H	O
B5120	●	●	●	●	●	●	●

Tool



Walter Capto™ in acc. with ISO 26623

Designation	D _c mm	d ₁	l ₄ mm	kg	Type
B5120-148-215-C8-CC09	148-215	C8	134	6,2	CC .. 09T3 ..
B5120-198-265-C8-CC09	198-265	C8	134	7,4	
B5120-248-315-C8-CC09	248-315	C8	134	8,5	

Bodies and assembly parts are included in the scope of delivery

Assembly parts

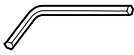
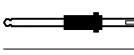
Type	CC .. 09T3 ..	TC .. 1102 ..
Clamping screw	FS2646 (SW 5)	FS2646 (SW 5)
Coolant screw	FS2641 (SW 1,5)	FS2641 (SW 1,5)
Clamping screw for indexable insert	FS2666 (15IP) 3 Nm	FS2665 (7IP) 0,8 Nm
Washer	FS2649	FS2649
Adjustment set	FS2653 (SW 3)	FS2653 (SW 3)
O-ring	FS2657	FS2657
Stud	FS2654	FS2654



B 2

Basic body	Bridge	Slider	Precision-boring head	Counterweight	Cartridge
B5120-148-000-C8-B		EB719	EB718	EB721	EB717.CC09
B5120-198-000-C8-B		EB719	EB718	EB721	EB717.CC09
B5120-248-000-C8-B		EB719	EB718	EB721	EB717.CC09

Accessories

	Type	CC .. 09T3 ..	TC .. 1102 ..
	ISO 2936-1,5 key	ISO2936-1,5 (SW 1,5)	ISO2936-1,5 (SW 1,5)
	ISO 2936-3 key	ISO2936-3 (SW 3)	ISO2936-3 (SW 3)
	ISO 2936-4 key	ISO2936-4 (SW 4)	ISO2936-4 (SW 4)
	ISO 2936-5 key	ISO2936-5 (SW 5)	ISO2936-5 (SW 5)
	ISO 2936-8 key	ISO2936-8 (SW 8)	ISO2936-8 (SW 8)
	Torque screwdriver, analogue	FS2003	FS2001
	ISO 2936-10 key	ISO2936-10 (SW 10)	ISO2936-10 (SW 10)
	Torque screwdriver, digital	FS2248	
	ISO 2936-14 key	ISO2936-14 (SW 14)	ISO2936-14 (SW 14)
	Interchangeable blade	FS2014 (T15IP)	FS2011 (T7IP)
	Screwdriver	FS1485 (T15IP)	FS2088 (T7IP)
	Extension	EB737 6 Nm	EB737 6 Nm

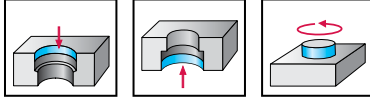
Precision boring tool

B5120 mm

Walter Precision XT

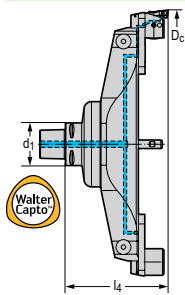
- Basic body/bridge can also be used with B5460 and B5560
- Diameter adjustment for mm and inch measurement unit

D _c 148– 635	κ=92°	Z=1



	P	M	K	N	S	H	O
B5120	●	●	●	●	●	●	●

Tool



Walter Capto™ in acc. with ISO 26623

Designation	D _c mm	d ₁	l ₄ mm	kg	Type
B5120-298-395-C8-CC09	298–395	C8	183	15,1	CC .. 09T3 ..
B5120-378-475-C8-CC09	378–475	C8	188	16,8	
B5120-458-555-C8-CC09	458–555	C8	193	18,8	
B5120-538-635-C8-CC09	538–635	C8	198	21,2	

Bodies and assembly parts are included in the scope of delivery

Assembly parts

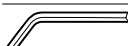
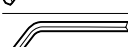
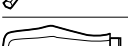
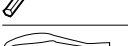
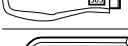
Type	CC .. 09T3 ..	TC .. 1102 ..
Clamping screw	FS2646 (SW 5)	FS2646 (SW 5)
Coolant screw	FS2641 (SW 1,5)	FS2641 (SW 1,5)
Clamping screw for indexable insert	FS2666 (15IP) 3 Nm	FS2665 (7IP) 0,8 Nm
Washer	FS2649	FS2649
Adjustment set	FS2653 (SW 3)	FS2653 (SW 3)
O-ring	FS2657	FS2657
Stud	FS2654	FS2654



B 2

Basic body	Bridge	Slider	Precision-boring head	Counterweight	Cartridge
B5120-298-000-C8-B	EB731	EB720	EB718	EB722	EB717.CC09
B5120-298-000-C8-B	EB732	EB720	EB718	EB722	EB717.CC09
B5120-298-000-C8-B	EB733	EB720	EB718	EB722	EB717.CC09
B5120-298-000-C8-B	EB734	EB720	EB718	EB722	EB717.CC09

Accessories

Type	CC .. 09T3 ..	TC .. 1102 ..
	ISO 2936-1,5 key	ISO2936-1,5 (SW 1,5)
	ISO 2936-3 key	ISO2936-3 (SW 3)
	ISO 2936-4 key	ISO2936-4 (SW 4)
	ISO 2936-5 key	ISO2936-5 (SW 5)
	ISO 2936-8 key	ISO2936-8 (SW 8)
	Torque screwdriver, analogue	FS2003
	ISO 2936-10 key	ISO2936-10 (SW 10)
	Torque screwdriver, digital	FS2248
	ISO 2936-14 key	ISO2936-14 (SW 14)
	Interchangeable blade	FS2014 (T15IP)
	Screwdriver	FS1485 (T15IP)
	Extension	EB737 6 Nm

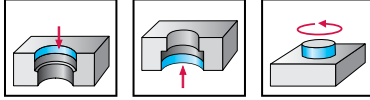
Precision boring tool

B5120 mm

Walter Precision XT

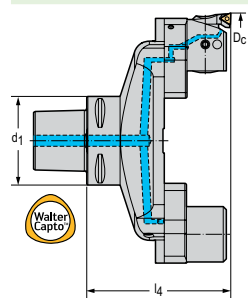
- Basic body/bridge can also be used with B5460 and B5560
- Diameter adjustment for mm and inch measurement unit

D _c 148– 635	κ=92°	Z= 1



	P	M	K	N	S	H	O
B5120	●	●	●	●	●	●	●

Tool



Walter Capto™ in acc. with ISO 26623

Designation	D _c mm	d ₁	l ₄ mm	kg	Type
B5120-148-215-C8-TC11	148–215	C8	130	6,2	TC .. 1102 ..
B5120-198-265-C8-TC11	198–265	C8	130	7,4	
B5120-248-315-C8-TC11	248–315	C8	130	8,5	

Bodies and assembly parts are included in the scope of delivery

Assembly parts

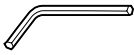
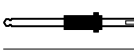
Type	CC .. 09T3 ..	TC .. 1102 ..
Clamping screw	FS2646 (SW 5)	FS2646 (SW 5)
Coolant screw	FS2641 (SW 1,5)	FS2641 (SW 1,5)
Clamping screw for indexable insert	FS2666 (15IP) 3 Nm	FS2665 (7IP) 0,8 Nm
Washer	FS2649	FS2649
Adjustment set	FS2653 (SW 3)	FS2653 (SW 3)
O-ring	FS2657	FS2657
Stud	FS2654	FS2654



B 2

Basic body	Bridge	Slider	Precision-boring head	Counterweight	Cartridge
B5120-148-000-C8-B		EB719	EB718	EB721	EB715.TC11
B5120-198-000-C8-B		EB719	EB718	EB721	EB715.TC11
B5120-248-000-C8-B		EB719	EB718	EB721	EB715.TC11

Accessories

	Type	CC .. 09T3 ..	TC .. 1102 ..
	ISO 2936-1,5 key	ISO2936-1,5 (SW 1,5)	ISO2936-1,5 (SW 1,5)
	ISO 2936-3 key	ISO2936-3 (SW 3)	ISO2936-3 (SW 3)
	ISO 2936-4 key	ISO2936-4 (SW 4)	ISO2936-4 (SW 4)
	ISO 2936-5 key	ISO2936-5 (SW 5)	ISO2936-5 (SW 5)
	ISO 2936-8 key	ISO2936-8 (SW 8)	ISO2936-8 (SW 8)
	Torque screwdriver, analogue	FS2003	FS2001
	ISO 2936-10 key	ISO2936-10 (SW 10)	ISO2936-10 (SW 10)
	Torque screwdriver, digital	FS2248	
	ISO 2936-14 key	ISO2936-14 (SW 14)	ISO2936-14 (SW 14)
	Interchangeable blade	FS2014 (T15IP)	FS2011 (T7IP)
	Screwdriver	FS1485 (T15IP)	FS2088 (T7IP)
	Extension	EB737 6 Nm	EB737 6 Nm

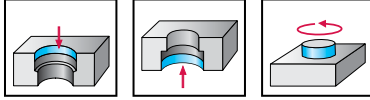
Precision boring tool

B5120 mm

Walter Precision XT

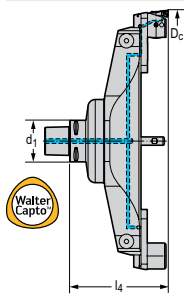
- Basic body/bridge can also be used with B5460 and B5560
- Diameter adjustment for mm and inch measurement unit

D _c 148– 635	κ=92°	Z= 1



	P	M	K	N	S	H	O
B5120	●	●	●	●	●	●	●

Tool



Walter Capto™ in acc. with ISO 26623

Designation	D _c mm	d ₁	l ₄ mm	kg	Type
B5120-298-395-C8-TC11	298–395	C8	179	15,1	TC .. 1102 ..
B5120-378-475-C8-TC11	378–475	C8	184	16,8	
B5120-458-555-C8-TC11	458–555	C8	189	18,8	
B5120-538-635-C8-TC11	538–635	C8	194	21,2	

Bodies and assembly parts are included in the scope of delivery

Assembly parts

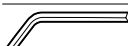
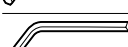
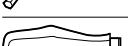
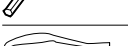
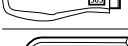
Type	CC .. 09T3 ..	TC .. 1102 ..
Clamping screw	FS2646 (SW 5)	FS2646 (SW 5)
Coolant screw	FS2641 (SW 1,5)	FS2641 (SW 1,5)
Clamping screw for indexable insert	FS2666 (15IP) 3 Nm	FS2665 (7IP) 0,8 Nm
Washer	FS2649	FS2649
Adjustment set	FS2653 (SW 3)	FS2653 (SW 3)
O-ring	FS2657	FS2657
Stud	FS2654	FS2654



B 2

Basic body	Bridge	Slider	Precision-boring head	Counterweight	Cartridge
B5120-298-000-C8-B	EB731	EB720	EB718	EB722	EB715.TC11
B5120-298-000-C8-B	EB732	EB720	EB718	EB722	EB715.TC11
B5120-298-000-C8-B	EB733	EB720	EB718	EB722	EB715.TC11
B5120-298-000-C8-B	EB734	EB720	EB718	EB722	EB715.TC11

Accessories

Type	CC .. 09T3 ..	TC .. 1102 ..
	ISO 2936-1,5 key	ISO2936-1,5 (SW 1,5)
	ISO 2936-3 key	ISO2936-3 (SW 3)
	ISO 2936-4 key	ISO2936-4 (SW 4)
	ISO 2936-5 key	ISO2936-5 (SW 5)
	ISO 2936-8 key	ISO2936-8 (SW 8)
	Torque screwdriver, analogue	FS2003
	ISO 2936-10 key	ISO2936-10 (SW 10)
	Torque screwdriver, digital	FS2248
	ISO 2936-14 key	ISO2936-14 (SW 14)
	Interchangeable blade	FS2014 (T15IP)
	Screwdriver	FS1485 (T15IP)
	Extension	EB737 6 Nm

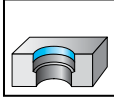
Precision boring tool

B4035

mm

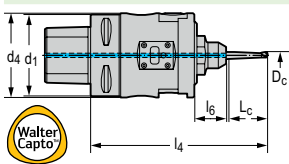
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Z = 1

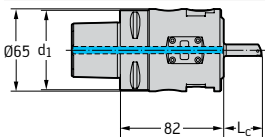


	P	M	K	N	S	H	O
B4035	●	●	●	●	●	●	●

Tool



Walter Capto™ in acc. with ISO 26623



Walter Capto™ in acc. with ISO 26623

Designation

D_c
mm

d₁

L_c
mm



Type

B4035.C6.03-10.Z1.P15

3-10

C6

10

2

B4035.C6.04-11.Z1.P15

4-11

C6

10

2

B4035.C6.05-12.Z1.P15.M

5-12

C6

20

2

B4035.C6.05-12.Z1.P15.S

5-12

C6

10

2

B4035.C6.06-13.Z1.P15.M

6-13

C6

30

2

B4035.C6.06-13.Z1.P15.S

6-13

C6

20

2

B4035.C6.08-15.Z1.P15.M

8-15

C6

48

2

B4035.C6.08-15.Z1.P15.S

8-15

C6

23

2

B4035.C6.10-12.Z1.WC03

10-12

C6

52

2

B4035.C6.10-17.Z1.WC03

10-17

C6

27

2

B4035.C6.11-18.Z1.WC03

11-18

C6

27

2

B4035.C6.12-14.Z1.WC03

12-14

C6

62

2

B4035.C6.12-19.Z1.WC03

12-19

C6

42

2

B4035.C6.13-20.Z1.WC03

13-20

C6

42

2

B4035.C6.14-16.Z1.WC03

14-16

C6

72

2

B4035.C6.14-21.Z1.WC03

14-21

C6

47

2

B4035.C6.15-22.Z1.WC03

15-22

C6

47

2

B4035.C6.16-18.Z1.WC03

16-18

C6

82

2

B4035.C6.16-23.Z1.WC03

16-23

C6

57

2

B4035.C6.17-24.Z1.WC03

17-24

C6

57

2

B4035.C6.18-20.Z1.WC03

18-20

C6

92

2

B4035.C6.18-25.Z1.WC03

18-25

C6

65

2

B4035.C6.19-26.Z1.WC03

19-26

C6

65

2

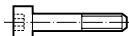
WC .. 0302 ..

Bodies and assembly parts are included in the scope of delivery

Assembly parts

Type

WC .. 0302 ..



Fastening screw

FS2101



Clamping screw for indexable insert

FS2084 (T7IP)
0,9 Nm



Threaded plug

FS2102

Battery

FS2122

Battery compartment gasket

FS2121

Battery compartment lid

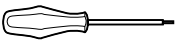
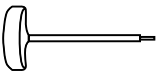
FS2123



B 2

Basic body		Boring bar	Boring bar
	B4035G.C6.002-124.Z1	EB603.WXP15	EB603.WXP15
	B4035G.C6.002-124.Z1	EB604.WXP15	EB604.WXP15
	B4035G.C6.002-124.Z1	EB606.WXP15	EB606.WXP15
	B4035G.C6.002-124.Z1	EB605.WXP15	EB605.WXP15
	B4035G.C6.002-124.Z1	EB608.WXP15	EB608.WXP15
	B4035G.C6.002-124.Z1	EB607.WXP15	EB607.WXP15
	B4035G.C6.002-124.Z1	EB610.WXP15	EB610.WXP15
	B4035G.C6.002-124.Z1	EB609.WXP15	EB609.WXP15
	B4035G.C6.002-124.Z1	EB637.WC03.CS	EB637.WC03.CS
	B4035G.C6.002-124.Z1	EB611.WC03	EB611.WC03
	B4035G.C6.002-124.Z1	EB612.WC03	EB612.WC03
	B4035G.C6.002-124.Z1	EB638.WC03.CS	EB638.WC03.CS
	B4035G.C6.002-124.Z1	EB613.WC03	EB613.WC03
	B4035G.C6.002-124.Z1	EB614.WC03	EB614.WC03
	B4035G.C6.002-124.Z1	EB639.WC03.CS	EB639.WC03.CS
	B4035G.C6.002-124.Z1	EB615.WC03	EB615.WC03
	B4035G.C6.002-124.Z1	EB616.WC03	EB616.WC03
	B4035G.C6.002-124.Z1	EB640.WC03.CS	EB640.WC03.CS
	B4035G.C6.002-124.Z1	EB617.WC03	EB617.WC03
	B4035G.C6.002-124.Z1	EB618.WC03	EB618.WC03
	B4035G.C6.002-124.Z1	EB641.WC03.CS	EB641.WC03.CS
	B4035G.C6.002-124.Z1	EB619.WC03	EB619.WC03
	B4035G.C6.002-124.Z1	EB620.WC03	EB620.WC03

Accessories

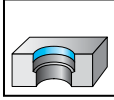
	Type	WC .. 0302 ..	
	Screwdriver for indexable insert		FS2088 (T7IP)
	Screwdriver for adjustment	FS1174 (T25)	FS1174 (T25)
	ISO 2936-1,5 key	ISO2936-1,5 (SW 1,5)	ISO2936-1,5 (SW 1,5)
	ISO 2936-3 key	ISO2936-3 (SW 3)	ISO2936-3 (SW 3)

Precision boring tool

B4035

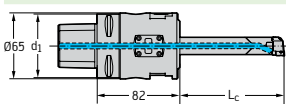
$\kappa=93^\circ$

Z = 1



	P	M	K	N	S	H	O
B4035	●	●	●	●	●	●	●

Tool

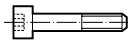


Walter Capto™ in acc. with ISO 26623

Designation	D _c mm	d ₁	L _c mm	kg	Type
B4035.C6.20-24.Z1.WC04.M	20-24	C6	117	2	WC .. 0402 ..
B4035.C6.20-24.Z1.WC04.S	20-24	C6	77	2	
B4035.C6.22-26.Z1.WC04.M	22-26	C6	117	2	
B4035.C6.22-26.Z1.WC04.S	22-26	C6	77	2	
B4035.C6.24-28.Z1.WC04.M	24-28	C6	117	2	
B4035.C6.24-28.Z1.WC04.S	24-28	C6	77	2	
B4035.C6.26-30.Z1.WC04.M	26-30	C6	117	2	
B4035.C6.26-30.Z1.WC04.S	26-30	C6	77	2	
B4035.C6.28-32.Z1.WC04.M	28-32	C6	117	2	
B4035.C6.28-32.Z1.WC04.S	28-32	C6	77	2	
B4035.C6.30-34.Z1.WC04.M	30-34	C6	117	2	
B4035.C6.30-34.Z1.WC04.S	30-34	C6	77	2	
B4035.C6.32-41.Z1.WC04	32-41	C6	63	2	
B4035.C6.41-50.Z1.WC04	41-50	C6	99	2	
B4035.C6.50-59.Z1.WC04	50-59	C6	72	2	
B4035.C6.59-68.Z1.WC04	59-68	C6	117	2	

Bodies and assembly parts are included in the scope of delivery

Assembly parts

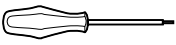
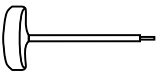
Type	WC .. 0402 ..
 Fastening screw	FS2101
 Clamping screw for indexable insert	FS1454 (T8IP) 1,2 Nm
 Threaded plug	FS2102
Battery	FS2122
Battery compartment gasket	FS2121
Battery compartment lid	FS2123



B 2

			Basic body	Extension	Cartridge
			B4035G.C6.002-124.Z1	EB643.CS	EB644.WC04
			B4035G.C6.002-124.Z1	EB642	EB644.WC04
			B4035G.C6.002-124.Z1	EB643.CS	EB645.WC04
			B4035G.C6.002-124.Z1	EB642	EB645.WC04
			B4035G.C6.002-124.Z1	EB643.CS	EB621.WC04
			B4035G.C6.002-124.Z1	EB642	EB621.WC04
			B4035G.C6.002-124.Z1	EB643.CS	EB622.WC04
			B4035G.C6.002-124.Z1	EB642	EB622.WC04
			B4035G.C6.002-124.Z1	EB643.CS	EB623.WC04
			B4035G.C6.002-124.Z1	EB642	EB623.WC04
			B4035G.C6.002-124.Z1	EB643.CS	EB624.WC04
			B4035G.C6.002-124.Z1	EB642	EB624.WC04
			B4035G.C6.002-124.Z1	EB625	EB629.WC04
			B4035G.C6.002-124.Z1	EB626	EB630.WC04
			B4035G.C6.002-124.Z1	EB627	EB629.WC04
			B4035G.C6.002-124.Z1	EB628	EB630.WC04

Accessories

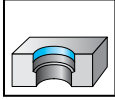
	Type	WC .. 0402 ..
	Screwdriver for indexable insert	FS1483 (T8IP)
	Screwdriver for adjustment	FS1174 (T25)
	ISO 2936-1,5 key	ISO2936-1,5 (SW 1,5)
	ISO 2936-3 key	ISO2936-3 (SW 3)

Precision boring tool

B4035

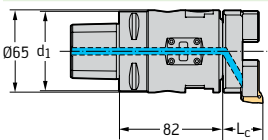
$\kappa=93^\circ$

Z = 1



	P	M	K	N	S	H	O
B4035	●	●	●	●	●	●	●

Tool



Designation

D_c
mm

d₁

L_c
mm

kg

Type

B4035.C6.68-96.Z1.WC04

68-96

C6

2

WC .. 0402 ..

B4035.C6.96-124.Z1.WC04

96-124

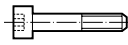
C6

2

Walter Capto™ in acc. with ISO 26623

Bodies and assembly parts are included in the scope of delivery

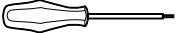
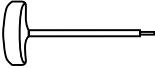
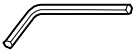
Assembly parts

	Type	WC .. 0402 ..
	Fastening screw	FS2101
	Clamping screw for indexable insert	FS1454 (T8IP) 1,2 Nm
	Threaded plug	FS2102
	Battery	FS2122
	Battery compartment gasket	FS2121
	Battery compartment lid	FS2123



Basic body		Bridge	Counterweight	Cartridge
	B4035G.C6.002-124.Z1	EB631	EB635	EB634.WC04
	B4035G.C6.002-124.Z1	EB632	EB635	EB634.WC04

B 2

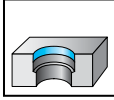
Accessories		
	Type	WC .. 0402 ..
	Screwdriver for indexable insert	FS1483 (T8IP)
	Screwdriver for adjustment	FS1174 (T25)
	ISO 2936-1,5 key	ISO2936-1,5 (SW 1,5)
	ISO 2936-3 key	ISO2936-3 (SW 3)
	Coolant transfer for bridge	EB636

Precision boring tool

B4035 inch

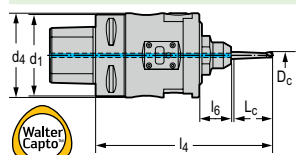
$\kappa=93^\circ$

Z = 1

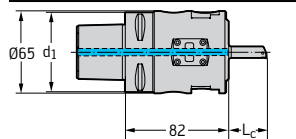


	P	M	K	N	S	H	O
B4035	●	●	●	●	●	●	●

Tool



Walter Capto™ in acc. with ISO 26623



Walter Capto™ in acc. with ISO 26623

Designation	D _c inch	d ₁	L _c inch	lbs	Type
B4035.UC6.03-10.Z1.P15	0,118–0,394	C6	0,394	4,299	
B4035.UC6.04-11.Z1.P15	0,157–0,433	C6	0,394	4,299	
B4035.UC6.05-12.Z1.P15.M	0,197–0,472	C6	0,787	4,299	
B4035.UC6.05-12.Z1.P15.S	0,197–0,472	C6	0,394	4,299	
B4035.UC6.06-13.Z1.P15.M	0,236–0,512	C6	1,181	4,299	
B4035.UC6.06-13.Z1.P15.S	0,236–0,512	C6	0,787	4,299	
B4035.UC6.08-15.Z1.P15.M	0,315–0,591	C6	1,890	4,299	
B4035.UC6.08-15.Z1.P15.S	0,315–0,591	C6	0,906	4,299	
B4035.UC6.10-12.Z1.WC03	0,394–0,472	C6	2,047	4,299	WC .. 0302 ..
B4035.UC6.10-17.Z1.WC03	0,394–0,669	C6	1,063	4,299	
B4035.UC6.11-18.Z1.WC03	0,433–0,709	C6	1,063	4,299	
B4035.UC6.12-14.Z1.WC03	0,472–0,551	C6	2,441	4,299	
B4035.UC6.12-19.Z1.WC03	0,472–0,748	C6	1,654	4,299	
B4035.UC6.13-20.Z1.WC03	0,512–0,787	C6	1,654	4,299	
B4035.UC6.14-16.Z1.WC03	0,551–0,630	C6	2,835	4,299	
B4035.UC6.14-21.Z1.WC03	0,551–0,827	C6	1,85	4,299	
B4035.UC6.15-22.Z1.WC03	0,591–0,866	C6	1,85	4,299	
B4035.UC6.16-18.Z1.WC03	0,630–0,709	C6	3,228	4,299	
B4035.UC6.16-23.Z1.WC03	0,630–0,906	C6	2,244	4,299	
B4035.UC6.17-24.Z1.WC03	0,669–0,945	C6	2,244	4,299	
B4035.UC6.18-20.Z1.WC03	0,709–0,787	C6	3,622	4,299	
B4035.UC6.18-25.Z1.WC03	0,709–0,984	C6	2,559	4,299	
B4035.UC6.19-26.Z1.WC03	0,748–1,024	C6	2,559	4,299	

Bodies and assembly parts are included in the scope of delivery

Assembly parts

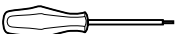
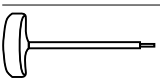
Type	WC .. 0302 ..
Fastening screw	FS2101
Clamping screw for indexable insert	FS2084 (T7IP) 0,9 Nm
Threaded plug	FS2102
Battery	FS2122
Battery compartment gasket	FS2121
Battery compartment lid	FS2123



B 2

Basic body		Boring bar	Boring bar
	B4035G.UC6.002-124.Z1	EB603.WXP15	EB603.WXP15
	B4035G.UC6.002-124.Z1	EB604.WXP15	EB604.WXP15
	B4035G.UC6.002-124.Z1	EB606.WXP15	EB606.WXP15
	B4035G.UC6.002-124.Z1	EB605.WXP15	EB605.WXP15
	B4035G.UC6.002-124.Z1	EB608.WXP15	EB608.WXP15
	B4035G.UC6.002-124.Z1	EB607.WXP15	EB607.WXP15
	B4035G.UC6.002-124.Z1	EB610.WXP15	EB610.WXP15
	B4035G.UC6.002-124.Z1	EB609.WXP15	EB609.WXP15
	B4035G.UC6.002-124.Z1	EB637.WC03.CS	EB637.WC03.CS
	B4035G.UC6.002-124.Z1	EB611.WC03	EB611.WC03
	B4035G.UC6.002-124.Z1	EB612.WC03	EB612.WC03
	B4035G.UC6.002-124.Z1	EB638.WC03.CS	EB638.WC03.CS
	B4035G.UC6.002-124.Z1	EB613.WC03	EB613.WC03
	B4035G.UC6.002-124.Z1	EB614.WC03	EB614.WC03
	B4035G.UC6.002-124.Z1	EB639.WC03.CS	EB639.WC03.CS
	B4035G.UC6.002-124.Z1	EB615.WC03	EB615.WC03
	B4035G.UC6.002-124.Z1	EB616.WC03	EB616.WC03
	B4035G.UC6.002-124.Z1	EB640.WC03.CS	EB640.WC03.CS
	B4035G.UC6.002-124.Z1	EB617.WC03	EB617.WC03
	B4035G.UC6.002-124.Z1	EB618.WC03	EB618.WC03
	B4035G.UC6.002-124.Z1	EB641.WC03.CS	EB641.WC03.CS
	B4035G.UC6.002-124.Z1	EB619.WC03	EB619.WC03
	B4035G.UC6.002-124.Z1	EB620.WC03	EB620.WC03

Accessories

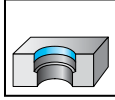
	Type	WC .. 0302 ..	
	Screwdriver for indexable insert		FS2088 (T7IP)
	Screwdriver for adjustment	FS1174 (T25)	FS1174 (T25)
	ISO 2936-1,5 key	ISO2936-1,5 (SW 1,5)	ISO2936-1,5 (SW 1,5)
	ISO 2936-3 key	ISO2936-3 (SW 3)	ISO2936-3 (SW 3)

Precision boring tool

B4035 inch

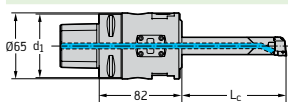
$\kappa=93^\circ$

Z = 1



	P	M	K	N	S	H	O
B4035	●	●	●	●	●	●	●

Tool

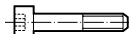


Walter Capto™ in acc. with ISO 26623

Designation	D _c inch	d ₁	L _c inch	lbs	Type
B4035.UC6.20-24.Z1.WC04M	0,787–0,945	C6	4,606	4,299	WC .. 0402 ..
B4035.UC6.20-24.Z1.WC04S	0,787–0,945	C6	3,031	4,299	
B4035.UC6.22-26.Z1.WC04M	0,866–1,024	C6	4,606	4,299	
B4035.UC6.22-26.Z1.WC04S	0,866–1,024	C6	3,031	4,299	
B4035.UC6.24-28.Z1.WC04M	0,945–1,102	C6	4,606	4,299	
B4035.UC6.24-28.Z1.WC04S	0,945–1,102	C6	3,031	4,299	
B4035.UC6.26-30.Z1.WC04M	1,024–1,181	C6	4,606	4,299	
B4035.UC6.26-30.Z1.WC04S	1,024–1,181	C6	3,031	4,299	
B4035.UC6.28-32.Z1.WC04M	1,102–1,260	C6	4,606	4,299	
B4035.UC6.28-32.Z1.WC04S	1,102–1,260	C6	3,031	4,299	
B4035.UC6.30-34.Z1.WC04M	1,181–1,339	C6	4,606	4,299	
B4035.UC6.30-34.Z1.WC04S	1,181–1,339	C6	3,031	4,299	
B4035.UC6.32-41.Z1.WC04	1,260–1,614	C6	2,48	4,299	
B4035.UC6.41-50.Z1.WC04	1,614–1,969	C6	3,898	4,299	
B4035.UC6.50-59.Z1.WC04	1,969–2,323	C6	2,835	4,299	
B4035.UC6.59-68.Z1.WC04	2,323–2,677	C6	4,606	4,299	

Bodies and assembly parts are included in the scope of delivery

Assembly parts

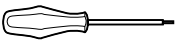
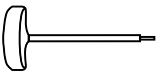
Type	WC .. 0402 ..
 Fastening screw	FS2101
 Clamping screw for indexable insert	FS1454 (T8IP) 1,2 Nm
 Threaded plug	FS2102
Battery	FS2122
Battery compartment gasket	FS2121
Battery compartment lid	FS2123



B 2

			Basic body	Extension	Cartridge
			B4035G.UC6.002-124.Z1	EB643.CS	EB644.WC04
			B4035G.UC6.002-124.Z1	EB642	EB644.WC04
			B4035G.UC6.002-124.Z1	EB643.CS	EB645.WC04
			B4035G.UC6.002-124.Z1	EB642	EB645.WC04
			B4035G.UC6.002-124.Z1	EB643.CS	EB621.WC04
			B4035G.UC6.002-124.Z1	EB642	EB621.WC04
			B4035G.UC6.002-124.Z1	EB643.CS	EB622.WC04
			B4035G.UC6.002-124.Z1	EB642	EB622.WC04
			B4035G.UC6.002-124.Z1	EB643.CS	EB623.WC04
			B4035G.UC6.002-124.Z1	EB642	EB623.WC04
			B4035G.UC6.002-124.Z1	EB643.CS	EB624.WC04
			B4035G.UC6.002-124.Z1	EB642	EB624.WC04
			B4035G.UC6.002-124.Z1	EB625	EB629.WC04
			B4035G.UC6.002-124.Z1	EB626	EB630.WC04
			B4035G.UC6.002-124.Z1	EB627	EB629.WC04
			B4035G.UC6.002-124.Z1	EB628	EB630.WC04

Accessories

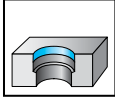
	Type	WC .. 0402 ..
	Screwdriver for indexable insert	FS1483 (T8IP)
	Screwdriver for adjustment	FS1174 (T25)
	ISO 2936-1,5 key	ISO2936-1,5 (SW 1,5)
	ISO 2936-3 key	ISO2936-3 (SW 3)

Precision boring tool

B4035 inch

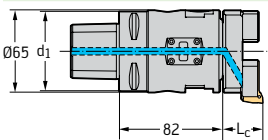
$\kappa=93^\circ$

Z = 1



	P	M	K	N	S	H	O
B4035	●	●	●	●	●	●	●

Tool



Designation

D_c
inch

d₁

L_c
inch



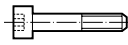
Type

B4035.UC6.68-96.Z1.WC04	2,677–3,780	C6		4,299	WC .. 0402 ..
B4035.UC6.96-124.Z1.WC04	3,780–4,882	C6		4,299	

Walter Capto™ in acc. with ISO 26623

Bodies and assembly parts are included in the scope of delivery

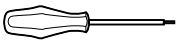
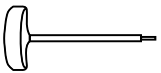
Assembly parts

	Type	WC .. 0402 ..
	Fastening screw	FS2101
	Clamping screw for indexable insert	FS1454 (T8IP) 1,2 Nm
	Threaded plug	FS2102
	Battery	FS2122
	Battery compartment gasket	FS2121
	Battery compartment lid	FS2123



Basic body		Bridge	Counterweight	Cartridge
	B4035G.UC6.002-124.Z1	EB631	EB635	EB634.WC04
	B4035G.UC6.002-124.Z1	EB632	EB635	EB634.WC04

B 2

Accessories		
	Type	WC .. 0402 ..
	Screwdriver for indexable insert	FS1483 (T8IP)
	Screwdriver for adjustment	FS1174 (T25)
	ISO 2936-1,5 key	ISO2936-1,5 (SW 1,5)
	ISO 2936-3 key	ISO2936-3 (SW 3)
	Coolant transfer for bridge	EB636

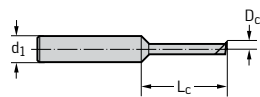
Boring bar

EB100 /

Walter Precision DIGITAL



Tool



Designation

D_{cmin}
mm

d₁
mm

f
mm

l₅
mm

l₁₂
mm

L_c
mm

l₄
mm

l₁
mm

d₁

EB603.WXP15

3

1,4

30,2

10

40,2

EB604.WXP15

4

1,9

30,7

10

40,7

EB605.WXP15

5

2,4

30,7

10

40,7

EB606.WXP15

5

2,4

30,7

20

50,7

EB607.WXP15

6

2,9

30,7

20

50,7

EB608.WXP15

6

2,9

30,7

30

60,7

EB609.WXP15

8

3,9

29,8

23

52,8

EB610.WXP15

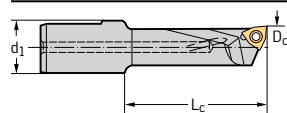
8

3,9

29,8

48

77,8



EB611.WC03

27

-27

27

EB612.WC03

27

-27

27

EB613.WC03

42

-42

42

EB614.WC03

42

-42

42

EB615.WC03

47

-47

47

EB616.WC03

47

-47

47

EB617.WC03

57

-57

57

EB618.WC03

57

-57

57

EB619.WC03

65

-65

65

EB620.WC03

65

-65

65

EB637.WC03.CS

52

-52

52

EB638.WC03.CS

62

-62

62

EB639.WC03.CS

72

-72

72

EB640.WC03.CS

82

-82

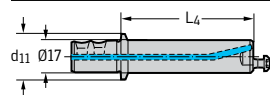
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EB641.WC03.CS

92

-92

92



EB625

52

EB626

88

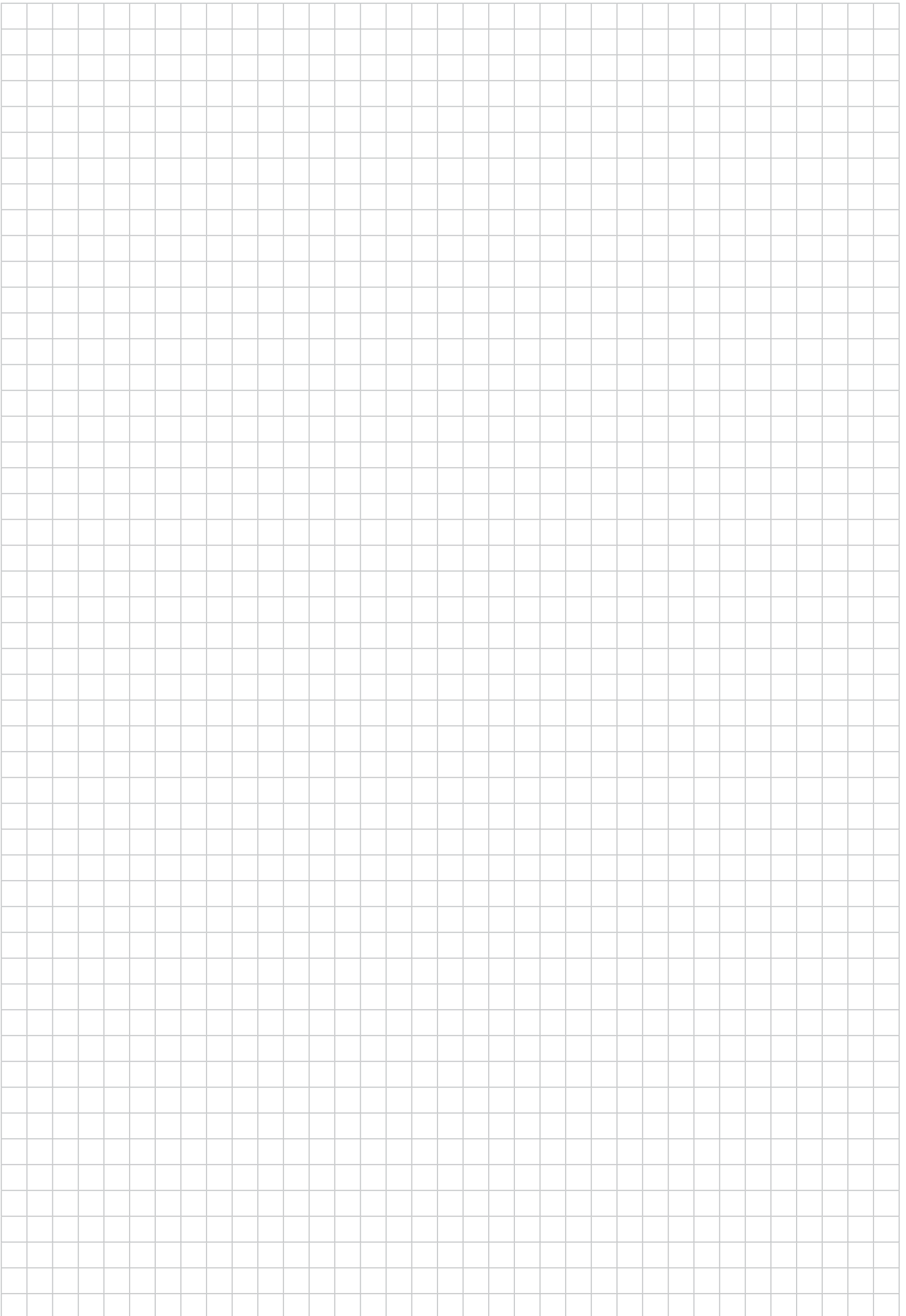
EB627

61

EB628

106

EB642



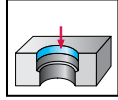
B 2

Precision boring tool

B5110 mm

Walter Precision XT

– Diameter adjustment for mm and inch measurement unit



D_c 1–20	$\kappa=92^\circ$	$Z=1$

	P	M	K	N	S	H	O
B5110	●	●	●	●	●	●	●

Tool

	Designation	D_c mm	d_1	L_c mm	l_4 mm	kg	Type
 Modular NCT adaptor	B5110-001-003-N2-CS	1–3	NCT 25	6	47	0,1	
	B5110-0017-0037-N2-CS	1,7–3,7	NCT 25	9	47	0,1	
	B5110-0022-0042-N2-CS	2,2–4,2	NCT 25	13	52	0,1	
	B5110-0027-0047-N2-CS	2,7–4,7	NCT 25	15	52	0,1	
	B5110-0032-0052-N2-CS	3,2–5,2	NCT 25	20	57	0,1	
	B5110-0042-0062-N2-CS	4,2–6,2	NCT 25	20	57	0,1	
 Modular NCT adaptor	B5110-0062-0082-N2-CS	6,2–8,2	NCT 25	30	72	0,2	
	B5110-008-010-N2-TC06	8–10	NCT 25	30	71	0,2	TC .. 06T1 ..
	B5110-010-012-N3-TC06	10–12	NCT 32	40	88	0,3	
	B5110-012-014-N3-TC06	12–14	NCT 32	40	88	0,3	
 Modular NCT adaptor	B5110-014-017-N4-TC09	14–17	NCT 40	50	100	0,5	TC .. 0902 ..
	B5110-017-020-N4-TC09	17–20	NCT 40	50	100	0,5	

Bodies and assembly parts are included in the scope of delivery

Assembly parts

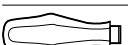
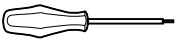
Type	TC .. 06T1 ..	TC .. 0902 ..
 Clamping screw	FS2623 (SW 2,5)	FS2625 (SW 3)
 Clamping screw for indexable insert	FS2626 (6IP) 0,6 Nm	FS2627 (7IP) 0,8 Nm



B 2

Basic body		Boring bar
	B5110-001-006-N2-B	EB701.WKP21
	B5110-001-006-N2-B	EB702.WKP21
	B5110-001-006-N2-B	EB703.WKP21
	B5110-001-006-N2-B	EB704.WKP21
	B5110-001-006-N2-B	EB705.WKP21
	B5110-001-006-N2-B	EB706.WKP21
	B5110-006-010-N2-B	EB707.WKP21
	B5110-006-010-N2-B	EB708.TC06
	B5110-010-014-N3-B	EB709.TC06
	B5110-010-014-N3-B	EB710.TC06
	B5110-014-020-N4-B	EB711.TC09
	B5110-014-020-N4-B	EB712.TC09

Accessories

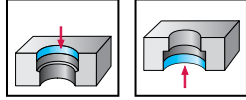
Type	TC .. 06T1 ..		TC .. 0902 ..
	ISO 2936-2,5 key	ISO2936-2,5 (SW 2,5)	ISO2936-2,5 (SW 2,5)
	ISO 2936-3 key		ISO2936-3 (SW 3)
	Torque screwdriver, analogue		FS2001
	Interchangeable blade		FS2085 (T6IP)
	Screwdriver		FS2086 (T6IP)

Precision boring tool

B5115 mm

Walter Precision XT

– Diameter adjustment for mm and inch measurement unit



D_c 19–167	$\kappa=92^\circ$	$Z=1$

	P	M	K	N	S	H	O
B5115	●	●	●	●	●	●	●

Tool	Designation	D_c mm	d_1	l_4 mm	BD mm	kg	Type
	B5115-035-045-N3-CC06	35–45	NCT 32	48	32	0,6	CC .. 0602 ..
	B5115-044-056-N4-CC06	44–56	NCT 40	56	40	0,5	
Modular NCT adaptor							
	B5115-055-070-N5-CC09	55–70	NCT 50	70	50	0,9	CC .. 09T3 ..
	B5115-069-087-N6-CC09	69–87	NCT 63	82	63	1,7	
	B5115-086-107-N6-CC09	86–107	NCT 63	94	80	2,4	
	B5115-106-137-N6-CC09	106–137	NCT 63	94	100	2,8	
	B5115-106-137-N8-CC09	106–137	NCT 80	104	100	4	
	B5115-136-167-N6-CC09	136–167	NCT 63	94	130	3,4	
	B5115-136-167-N8-CC09	136–167	NCT 80	104	130	4,4	
Modular NCT adaptor							

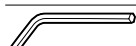
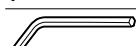
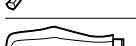
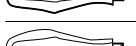
Bodies and assembly parts are included in the scope of delivery

Assembly parts		Type	CC .. 0602 ..	CC .. 09T3 ..	TC .. 06T1 ..	TC .. 0902 ..	TC .. 1102 ..
	Clamping screw		FS2624 (SW 3)	FS2630 (SW 4)	FS2628 (SW 2)	FS2624 (SW 3)	FS2630 (SW 4)
	Clamping screw for indexable insert		FS2665 (7IP) 0,8 Nm	FS2666 (15IP) 3 Nm	FS2633 (6IP) 0,6 Nm	FS2664 (7IP) 0,8 Nm	FS2665 (7IP) 0,8 Nm
	Clamping screw for cartridge		FS2635 (SW 3)	FS2636 (SW 4)	FS2634 (SW 2)	FS2635 (SW 3)	FS2636 (SW 4)
	Coolant screw		FS2640 (SW 0,9)	FS2641 (SW 1,5)	FS2640 (SW 0,9)	FS2640 (SW 0,9)	FS2641 (SW 1,5)



B 2

Basic body		Cartridge
	B5115-035-045-N3-B	EB716.CC06
	B5115-044-056-N4-B	EB716.CC06
	B5115-055-070-N5-B	EB717.CC09
	B5115-069-087-N6-B	EB717.CC09
	B5115-086-107-N6-B	EB717.CC09
	B5115-106-137-N6-B	EB717.CC09
	B5115-106-137-N8-B	EB717.CC09
	B5115-136-167-N6-B	EB717.CC09
	B5115-136-167-N8-B	EB717.CC09

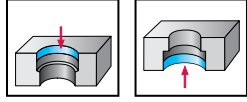
Accessories		CC .. 0602 ..-TC .. 0902 ..	CC .. 09T3 ..	TC .. 06T1 ..	TC .. 1102 ..
	ISO 2936-1,5 key		ISO2936-1,5 (SW 1,5)		ISO2936-1,5 (SW 1,5)
	ISO 2936-2 key		ISO2936-2 (SW 2)	ISO2936-2 (SW 2)	ISO2936-2 (SW 2)
	ISO 2936-3 key	ISO2936-3 (SW 3)			
	ISO 2936-0,9 key	ISO2936-0,9 (SW 0,9)		ISO2936-0,9 (SW 0,9)	
	ISO 2936-4 key		ISO2936-4 (SW 4)		ISO2936-4 (SW 4)
	Torque screwdriver, analogue	FS2001	FS2003	FS2001	FS2001
	Torque screwdriver, digital		FS2248		
	Interchangeable blade	FS2011 (T7IP)	FS2014 (T15IP)	FS2085 (T6IP)	FS2011 (T7IP)
	Screwdriver	FS2088 (T7IP)	FS1485 (T15IP)	FS2086 (T6IP)	FS2088 (T7IP)
	Interchangeable blade	EB736 3 Nm		EB735 1,2 Nm	
	Screwdriver		EB737 6 Nm		EB737 6 Nm

Precision boring tool

B5115 mm

Walter Precision XT

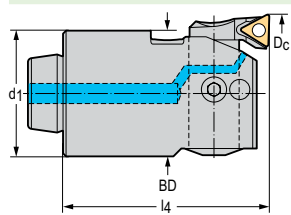
– Diameter adjustment for mm and inch measurement unit



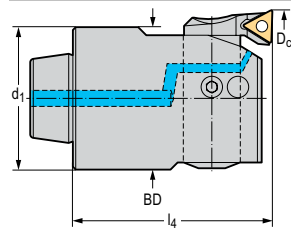
D_c 19–167	$\kappa=92^\circ$	$Z=1$

	P	M	K	N	S	H	O
B5115	●	●	●	●	●	●	●

Tool



Modular NCT adaptor



Modular NCT adaptor

Designation	D_c mm	d_1	l_4 mm	BD mm	kg	Type
B5115-019-023-N2-TC06	19–23	NCT 25	80	18	0,2	TC .. 06T1 ..
B5115-023-029-N2-TC06	23–29	NCT 25	91	20	0,2	
B5115-028-036-N2-TC06	28–36	NCT 25	41	25	0,2	
B5115-035-045-N3-TC09	35–45	NCT 32	48	32	0,3	TC .. 0902 ..
B5115-044-056-N4-TC09	44–56	NCT 40	56	40	1	

Bodies and assembly parts are included in the scope of delivery

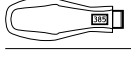
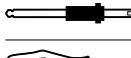
Assembly parts

Type	CC .. 0602 ..	CC .. 09T3 ..	TC .. 06T1 ..	TC .. 0902 ..	TC .. 1102 ..
Clamping screw	FS2624 (SW 3)	FS2630 (SW 4)	FS2628 (SW 2)	FS2624 (SW 3)	FS2630 (SW 4)
Clamping screw for indexable insert	FS2665 (7IP) 0,8 Nm	FS2666 (15IP) 3 Nm	FS2633 (6IP) 0,6 Nm	FS2664 (7IP) 0,8 Nm	FS2665 (7IP) 0,8 Nm
Clamping screw for cartridge	FS2635 (SW 3)	FS2636 (SW 4)	FS2634 (SW 2)	FS2635 (SW 3)	FS2636 (SW 4)
Coolant screw	FS2640 (SW 0,9)	FS2641 (SW 1,5)	FS2640 (SW 0,9)	FS2640 (SW 0,9)	FS2641 (SW 1,5)



B 2

Basic body		Cartridge
	B5115-019-023-N2-B	EB713.TC06
	B5115-023-029-N2-B	EB713.TC06
	B5115-028-036-N2-B	EB713.TC06
	B5115-035-045-N3-B	EB714.TC09
	B5115-044-056-N4-B	EB714.TC09

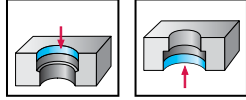
Accessories		CC .. 0602 ..-TC .. 0902 ..	CC .. 09T3 ..	TC .. 06T1 ..	TC .. 1102 ..
	ISO 2936-1,5 key		ISO2936-1,5 (SW 1,5)		ISO2936-1,5 (SW 1,5)
	ISO 2936-2 key		ISO2936-2 (SW 2)	ISO2936-2 (SW 2)	ISO2936-2 (SW 2)
	ISO 2936-3 key	ISO2936-3 (SW 3)			
	ISO 2936-0.9 key	ISO2936-0,9 (SW 0,9)		ISO2936-0,9 (SW 0,9)	
	ISO 2936-4 key		ISO2936-4 (SW 4)		ISO2936-4 (SW 4)
	Torque screwdriver, analogue	FS2001	FS2003	FS2001	FS2001
	Torque screwdriver, digital		FS2248		
	Interchangeable blade	FS2011 (T7IP)	FS2014 (T15IP)	FS2085 (T6IP)	FS2011 (T7IP)
	Screwdriver	FS2088 (T7IP)	FS1485 (T15IP)	FS2086 (T6IP)	FS2088 (T7IP)
	Interchangeable blade	EB736 3 Nm		EB735 1,2 Nm	
	Screwdriver		EB737 6 Nm		EB737 6 Nm

Precision boring tool

B5115

Walter Precision XT

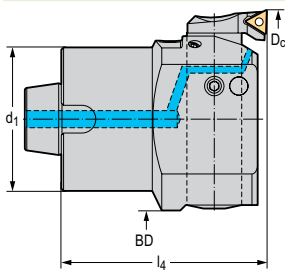
– Diameter adjustment for mm and inch measurement unit



D_c 19–167	$\kappa=92^\circ$	$Z=1$

	P	M	K	N	S	H	O
B5115	●	●	●	●	●	●	●

Tool



Modular NCT adaptor

Designation	D_c mm	d_1	l_4 mm	BD mm	kg	Type
B5115-055-070-N5-TC11	55–70	NCT 50	66	50	0,9	TC .. 1102 ..
B5115-069-087-N6-TC11	69–87	NCT 63	78	63	1,7	
B5115-086-107-N6-TC11	86–107	NCT 63	90	80	2,4	
B5115-106-137-N6-TC11	106–137	NCT 63	90	100	2,8	
B5115-106-137-N8-TC11	106–137	NCT 80	100	100	4,1	
B5115-136-167-N6-TC11	136–167	NCT 63	90	130	3,4	
B5115-136-167-N8-TC11	136–167	NCT 80	100	130	4,4	

Bodies and assembly parts are included in the scope of delivery

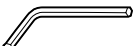
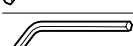
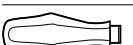
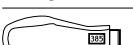
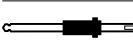
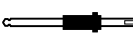
Assembly parts

Type	CC .. 0602 ..	CC .. 09T3 ..	TC .. 06T1 ..	TC .. 0902 ..	TC .. 1102 ..
Clamping screw	FS2624 (SW 3)	FS2630 (SW 4)	FS2628 (SW 2)	FS2624 (SW 3)	FS2630 (SW 4)
Clamping screw for indexable insert	FS2665 (7IP) 0,8 Nm	FS2666 (15IP) 3 Nm	FS2633 (6IP) 0,6 Nm	FS2664 (7IP) 0,8 Nm	FS2665 (7IP) 0,8 Nm
Clamping screw for cartridge	FS2635 (SW 3)	FS2636 (SW 4)	FS2634 (SW 2)	FS2635 (SW 3)	FS2636 (SW 4)
Coolant screw	FS2640 (SW 0,9)	FS2641 (SW 1,5)	FS2640 (SW 0,9)	FS2640 (SW 0,9)	FS2641 (SW 1,5)



B 2

Basic body		Cartridge
	B5115-055-070-N5-B	EB715.TC11
	B5115-069-087-N6-B	EB715.TC11
	B5115-086-107-N6-B	EB715.TC11
	B5115-106-137-N6-B	EB715.TC11
	B5115-106-137-N8-B	EB715.TC11
	B5115-136-167-N6-B	EB715.TC11
	B5115-136-167-N8-B	EB715.TC11

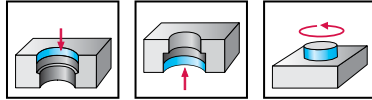
Accessories		CC .. 0602 ..-TC .. 0902 ..	CC .. 09T3 ..	TC .. 06T1 ..	TC .. 1102 ..
	ISO 2936-1,5 key		ISO2936-1,5 (SW 1,5)		ISO2936-1,5 (SW 1,5)
	ISO 2936-2 key		ISO2936-2 (SW 2)	ISO2936-2 (SW 2)	ISO2936-2 (SW 2)
	ISO 2936-3 key	ISO2936-3 (SW 3)			
	ISO 2936-0,9 key	ISO2936-0,9 (SW 0,9)		ISO2936-0,9 (SW 0,9)	
	ISO 2936-4 key		ISO2936-4 (SW 4)		ISO2936-4 (SW 4)
	Torque screwdriver, analogue	FS2001	FS2003	FS2001	FS2001
	Torque screwdriver, digital		FS2248		
	Interchangeable blade	FS2011 (T7IP)		FS2085 (T6IP)	FS2011 (T7IP)
	Screwdriver	FS2088 (T7IP)		FS2086 (T6IP)	FS2088 (T7IP)
	Interchangeable blade		FS2014 (T15IP)		
	Screwdriver		FS1485 (T15IP)		
	Extension	EB736 3 Nm		EB735 1,2 Nm	
	Extension		EB737 6 Nm		EB737 6 Nm

Precision boring tool

B5120 mm

Walter Precision XT

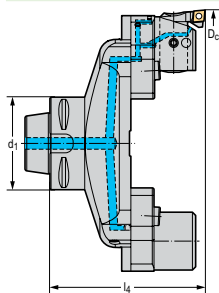
- Basic body/bridge can also be used with B5460 and B5560
- Diameter adjustment for mm and inch measurement unit



D _c 148- 635	κ=92°	Z=1

	P	M	K	N	S	H	O
B5120	●	●	●	●	●	●	●

Tool



Modular NCT adaptor

Designation	D _c mm	d ₁	l ₄ mm	kg	Type
B5120-148-215-N8-CC09	148-215	NCT 80	134	5,7	CC .. 09T3 ..
B5120-198-265-N8-CC09	198-265	NCT 80	134	6,9	
B5120-248-315-N8-CC09	248-315	NCT 80	134	8	

Bodies and assembly parts are included in the scope of delivery

Assembly parts

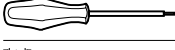
Type	CC .. 09T3 ..	TC .. 1102 ..
Clamping screw	FS2646 (SW 5)	FS2646 (SW 5)
Coolant screw	FS2641 (SW 1,5)	FS2641 (SW 1,5)
Clamping screw for indexable insert	FS2666 (15IP) 3 Nm	FS2665 (7IP) 0,8 Nm
Washer	FS2649	FS2649
Adjustment set	FS2653 (SW 3)	FS2653 (SW 3)
O-ring	FS2657	FS2657
Stud	FS2654	FS2654



B 2

Basic body	Bridge	Slider	Precision-boring head	Counterweight	Cartridge
B5120-148-000-N8-B		EB719	EB718	EB721	EB717.CC09
B5120-198-000-N8-B		EB719	EB718	EB721	EB717.CC09
B5120-248-000-N8-B		EB719	EB718	EB721	EB717.CC09

Accessories

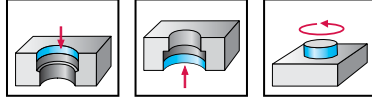
	Type	CC .. 09T3 ..	TC .. 1102 ..
	ISO 2936-1,5 key	ISO2936-1,5 (SW 1,5)	ISO2936-1,5 (SW 1,5)
	ISO 2936-3 key	ISO2936-3 (SW 3)	ISO2936-3 (SW 3)
	ISO 2936-4 key	ISO2936-4 (SW 4)	ISO2936-4 (SW 4)
	ISO 2936-5 key	ISO2936-5 (SW 5)	ISO2936-5 (SW 5)
	ISO 2936-8 key	ISO2936-8 (SW 8)	ISO2936-8 (SW 8)
	Torque screwdriver, analogue	FS2003	FS2001
	ISO 2936-10 key	ISO2936-10 (SW 10)	ISO2936-10 (SW 10)
	Torque screwdriver, digital	FS2248	
	ISO 2936-14 key	ISO2936-14 (SW 14)	ISO2936-14 (SW 14)
	Interchangeable blade	FS2014 (T15IP)	FS2011 (T7IP)
	Screwdriver	FS1485 (T15IP)	FS2088 (T7IP)
	Extension	EB737 6 Nm	EB737 6 Nm

Precision boring tool

B5120 mm

Walter Precision XT

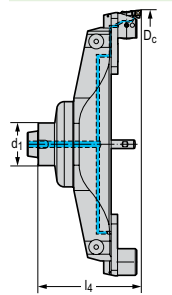
- Basic body/bridge can also be used with B5460 and B5560
- Diameter adjustment for mm and inch measurement unit



D _c 148- 635	κ=92°	Z=1

	P	M	K	N	S	H	O
B5120	●	●	●	●	●	●	●

Tool



Modular NCT adaptor

Designation	D _c mm	d ₁	l ₄ mm	kg	Type
B5120-298-395-N8-CC09	298-395	NCT 80	183	14,5	CC .. 09T3 ..
B5120-378-475-N8-CC09	378-475	NCT 80	188	16,3	
B5120-458-555-N8-CC09	458-555	NCT 80	193	18,2	
B5120-538-635-N8-CC09	538-635	NCT 80	198	20,6	

Bodies and assembly parts are included in the scope of delivery

Assembly parts

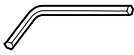
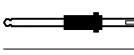
Type	CC .. 09T3 ..	TC .. 1102 ..
Clamping screw	FS2646 (SW 5)	FS2646 (SW 5)
Coolant screw	FS2641 (SW 1,5)	FS2641 (SW 1,5)
Clamping screw for indexable insert	FS2666 (15IP) 3 Nm	FS2665 (7IP) 0,8 Nm
Washer	FS2649	FS2649
Adjustment set	FS2653 (SW 3)	FS2653 (SW 3)
O-ring	FS2657	FS2657
Stud	FS2654	FS2654



B 2

Basic body	Bridge	Slider	Precision-boring head	Counterweight	Cartridge
B5120-298-000-N8-B	EB731	EB720	EB718	EB722	EB717.CC09
B5120-298-000-N8-B	EB732	EB720	EB718	EB722	EB717.CC09
B5120-298-000-N8-B	EB733	EB720	EB718	EB722	EB717.CC09
B5120-298-000-N8-B	EB734	EB720	EB718	EB722	EB717.CC09

Accessories

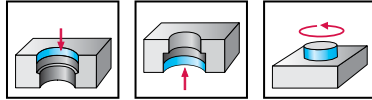
Type	CC .. 09T3 ..	TC .. 1102 ..
	ISO 2936-1,5 key	ISO2936-1,5 (SW 1,5)
	ISO 2936-3 key	ISO2936-3 (SW 3)
	ISO 2936-4 key	ISO2936-4 (SW 4)
	ISO 2936-5 key	ISO2936-5 (SW 5)
	ISO 2936-8 key	ISO2936-8 (SW 8)
	Torque screwdriver, analogue	FS2003
	ISO 2936-10 key	ISO2936-10 (SW 10)
	Torque screwdriver, digital	FS2248
	ISO 2936-14 key	ISO2936-14 (SW 14)
	Interchangeable blade	FS2014 (T15IP)
	Screwdriver	FS1485 (T15IP)
	Extension	EB737 6 Nm

Precision boring tool

B5120 mm

Walter Precision XT

- Basic body/bridge can also be used with B5460 and B5560
- Diameter adjustment for mm and inch measurement unit



D _c 148- 635	κ=92°	Z=1

	P	M	K	N	S	H	O
B5120	●	●	●	●	●	●	●

Tool	Designation	D _c mm	d ₁	l ₄ mm	kg	Type
	B5120-148-215-N8-TC11	148-215	NCT 80	130	5,7	TC .. 1102 ..
	B5120-198-265-N8-TC11	198-265	NCT 80	130	6,9	
	B5120-248-315-N8-TC11	248-315	NCT 80	130	8	

Modular NCT adaptor

Bodies and assembly parts are included in the scope of delivery

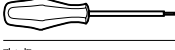
Assembly parts			
	Type	CC .. 09T3 ..	TC .. 1102 ..
	Clamping screw	FS2646 (SW 5)	FS2646 (SW 5)
	Coolant screw	FS2641 (SW 1,5)	FS2641 (SW 1,5)
	Clamping screw for indexable insert	FS2666 (15IP) 3 Nm	FS2665 (7IP) 0,8 Nm
	Washer	FS2649	FS2649
	Adjustment set	FS2653 (SW 3)	FS2653 (SW 3)
	O-ring	FS2657	FS2657
	Stud	FS2654	FS2654



B 2

Basic body	Bridge	Slider	Precision-boring head	Counterweight	Cartridge
B5120-148-000-N8-B		EB719	EB718	EB721	EB715.TC11
B5120-198-000-N8-B		EB719	EB718	EB721	EB715.TC11
B5120-248-000-N8-B		EB719	EB718	EB721	EB715.TC11

Accessories

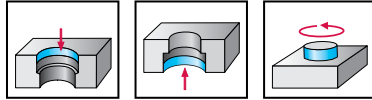
	Type	CC .. 09T3 ..	TC .. 1102 ..
	ISO 2936-1,5 key	ISO2936-1,5 (SW 1,5)	ISO2936-1,5 (SW 1,5)
	ISO 2936-3 key	ISO2936-3 (SW 3)	ISO2936-3 (SW 3)
	ISO 2936-4 key	ISO2936-4 (SW 4)	ISO2936-4 (SW 4)
	ISO 2936-5 key	ISO2936-5 (SW 5)	ISO2936-5 (SW 5)
	ISO 2936-8 key	ISO2936-8 (SW 8)	ISO2936-8 (SW 8)
	Torque screwdriver, analogue	FS2003	FS2001
	ISO 2936-10 key	ISO2936-10 (SW 10)	ISO2936-10 (SW 10)
	Torque screwdriver, digital	FS2248	
	ISO 2936-14 key	ISO2936-14 (SW 14)	ISO2936-14 (SW 14)
	Interchangeable blade	FS2014 (T15IP)	FS2011 (T7IP)
	Screwdriver	FS1485 (T15IP)	FS2088 (T7IP)
	Extension	EB737 6 Nm	EB737 6 Nm

Precision boring tool

B5120 mm

Walter Precision XT

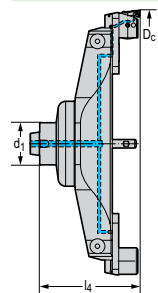
- Basic body/bridge can also be used with B5460 and B5560
- Diameter adjustment for mm and inch measurement unit



D _c 148- 635	κ=92°	Z= 1

	P	M	K	N	S	H	O
B5120	●	●	●	●	●	●	●

Tool



Modular NCT adaptor

Designation	D _c mm	d ₁	l ₄ mm	kg	Type
B5120-298-395-N8-TC11	298-395	NCT 80	179	14,5	TC .. 1102 ..
B5120-378-475-N8-TC11	378-475	NCT 80	184	16,3	
B5120-458-555-N8-TC11	458-555	NCT 80	189	18,2	
B5120-538-635-N8-TC11	538-635	NCT 80	194	20,6	

Bodies and assembly parts are included in the scope of delivery

Assembly parts

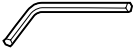
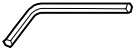
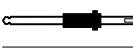
Type	CC .. 09T3 ..	TC .. 1102 ..
Clamping screw	FS2646 (SW 5)	FS2646 (SW 5)
Coolant screw	FS2641 (SW 1,5)	FS2641 (SW 1,5)
Clamping screw for indexable insert	FS2666 (15IP) 3 Nm	FS2665 (7IP) 0,8 Nm
Washer	FS2649	FS2649
Adjustment set	FS2653 (SW 3)	FS2653 (SW 3)
O-ring	FS2657	FS2657
Stud	FS2654	FS2654



B 2

Basic body	Bridge	Slider	Precision-boring head	Counterweight	Cartridge
B5120-298-000-N8-B	EB731	EB720	EB718	EB722	EB715.TC11
B5120-298-000-N8-B	EB732	EB720	EB718	EB722	EB715.TC11
B5120-298-000-N8-B	EB733	EB720	EB718	EB722	EB715.TC11
B5120-298-000-N8-B	EB734	EB720	EB718	EB722	EB715.TC11

Accessories

Type	CC .. 09T3 ..	TC .. 1102 ..
 ISO 2936-1,5 key	ISO2936-1,5 (SW 1,5)	ISO2936-1,5 (SW 1,5)
 ISO 2936-3 key	ISO2936-3 (SW 3)	ISO2936-3 (SW 3)
 ISO 2936-4 key	ISO2936-4 (SW 4)	ISO2936-4 (SW 4)
 ISO 2936-5 key	ISO2936-5 (SW 5)	ISO2936-5 (SW 5)
 ISO 2936-8 key	ISO2936-8 (SW 8)	ISO2936-8 (SW 8)
 Torque screwdriver, analogue	FS2003	FS2001
 ISO 2936-10 key	ISO2936-10 (SW 10)	ISO2936-10 (SW 10)
 Torque screwdriver, digital	FS2248	
 ISO 2936-14 key	ISO2936-14 (SW 14)	ISO2936-14 (SW 14)
 Interchangeable blade	FS2014 (T15IP)	FS2011 (T7IP)
 Screwdriver	FS1485 (T15IP)	FS2088 (T7IP)
 Extension	EB737 6 Nm	EB737 6 Nm

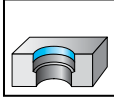
Precision boring tool

B4035

mm

$\kappa=93^\circ$

Z = 1



	P	M	K	N	S	H	O
B4035	●	●	●	●	●	●	●

Tool

	Designation	D _c mm	d ₁	L _c mm	kg	Type
 ScrewFit	B4035.T45.03-10.Z1.P15	3–10	T45	10	2	
	B4035.T45.04-11.Z1.P15	4–11	T45	10	2	
	B4035.T45.05-12.Z1.P15.M	5–12	T45	20	2	
	B4035.T45.05-12.Z1.P15.S	5–12	T45	10	2	
	B4035.T45.06-13.Z1.P15.M	6–13	T45	30	2	
	B4035.T45.06-13.Z1.P15.S	6–13	T45	20	2	
	B4035.T45.08-15.Z1.P15.M	8–15	T45	48	2	
	B4035.T45.08-15.Z1.P15.S	8–15	T45	23	2	
 ScrewFit	B4035.T45.10-12.Z1.WC03	10–12	T45	52	2	WC .. 0302 ..
	B4035.T45.10-17.Z1.WC03	10–17	T45	27	2	
	B4035.T45.11-18.Z1.WC03	11–18	T45	27	2	
	B4035.T45.12-14.Z1.WC03	12–14	T45	62	2	
	B4035.T45.12-19.Z1.WC03	12–19	T45	42	2	
	B4035.T45.13-20.Z1.WC03	13–20	T45	42	2	
	B4035.T45.14-16.Z1.WC03	14–16	T45	72	2	
	B4035.T45.14-21.Z1.WC03	14–21	T45	47	1.6	
	B4035.T45.15-22.Z1.WC03	15–22	T45	47	2	
	B4035.T45.16-18.Z1.WC03	16–18	T45	82	2	
	B4035.T45.16-23.Z1.WC03	16–23	T45	57	2	
	B4035.T45.17-24.Z1.WC03	17–24	T45	57	2	
	B4035.T45.18-20.Z1.WC03	18–20	T45	92	2	
	B4035.T45.18-25.Z1.WC03	18–25	T45	65	2	
	B4035.T45.19-26.Z1.WC03	19–26	T45	65	2	

Bodies and assembly parts are included in the scope of delivery

Assembly parts

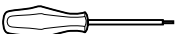
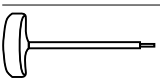
	Type	WC .. 0302 ..
	Fastening screw	FS2101
	Clamping screw for indexable insert	FS2084 (T7IP) 0,9 Nm
	Threaded plug	FS2102
	Battery	FS2122
	Battery compartment gasket	FS2121
	Battery compartment lid	FS2123



B 2

	Basic body	Boring bar	Boring bar
	B4035G.T45.002-124.Z1	EB603.WXP15	EB603.WXP15
	B4035G.T45.002-124.Z1	EB604.WXP15	EB604.WXP15
	B4035G.T45.002-124.Z1	EB606.WXP15	EB606.WXP15
	B4035G.T45.002-124.Z1	EB605.WXP15	EB605.WXP15
	B4035G.T45.002-124.Z1	EB608.WXP15	EB608.WXP15
	B4035G.T45.002-124.Z1	EB607.WXP15	EB607.WXP15
	B4035G.T45.002-124.Z1	EB610.WXP15	EB610.WXP15
	B4035G.T45.002-124.Z1	EB609.WXP15	EB609.WXP15
	B4035G.T45.002-124.Z1	EB637.WC03.CS	EB637.WC03.CS
	B4035G.T45.002-124.Z1	EB611.WC03	EB611.WC03
	B4035G.T45.002-124.Z1	EB612.WC03	EB612.WC03
	B4035G.T45.002-124.Z1	EB638.WC03.CS	EB638.WC03.CS
	B4035G.T45.002-124.Z1	EB613.WC03	EB613.WC03
	B4035G.T45.002-124.Z1	EB614.WC03	EB614.WC03
	B4035G.T45.002-124.Z1	EB639.WC03.CS	EB639.WC03.CS
	B4035G.T45.002-124.Z1	EB615.WC03	EB615.WC03
	B4035G.T45.002-124.Z1	EB616.WC03	EB616.WC03
	B4035G.T45.002-124.Z1	EB640.WC03.CS	EB640.WC03.CS
	B4035G.T45.002-124.Z1	EB617.WC03	EB617.WC03
	B4035G.T45.002-124.Z1	EB618.WC03	EB618.WC03
	B4035G.T45.002-124.Z1	EB641.WC03.CS	EB641.WC03.CS
	B4035G.T45.002-124.Z1	EB619.WC03	EB619.WC03
	B4035G.T45.002-124.Z1	EB620.WC03	EB620.WC03

Accessories

	Type	WC .. 0302 ..	
	Screwdriver for indexable insert		FS2088 (T7IP)
	Screwdriver for adjustment	FS1174 (T25)	FS1174 (T25)
	ISO 2936-1,5 key	ISO2936-1,5 (SW 1,5)	ISO2936-1,5 (SW 1,5)
	ISO 2936-3 key	ISO2936-3 (SW 3)	ISO2936-3 (SW 3)

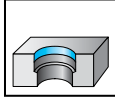
Precision boring tool

B4035

mm

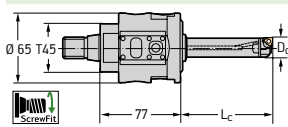
$\kappa=93^\circ$

Z = 1



	P	M	K	N	S	H	O
B4035	●	●	●	●	●	●	●

Tool



ScrewFit

Designation

D_c
mm

d₁

L_c
mm

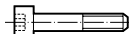


Type

B4035.T45.20-24.Z1.WC04M	20-24	T45	117	2	WC .. 0402 ..
B4035.T45.20-24.Z1.WC04S	20-24	T45	77	2	
B4035.T45.22-26.Z1.WC04M	22-26	T45	117	2	
B4035.T45.22-26.Z1.WC04S	22-26	T45	77	2	
B4035.T45.24-28.Z1.WC04M	24-28	T45	117	2	
B4035.T45.24-28.Z1.WC04S	24-28	T45	77	2	
B4035.T45.26-30.Z1.WC04M	26-30	T45	117	2	
B4035.T45.26-30.Z1.WC04S	26-30	T45	77	2	
B4035.T45.28-32.Z1.WC04M	28-32	T45	117	2	
B4035.T45.28-32.Z1.WC04S	28-32	T45	77	2	
B4035.T45.30-34.Z1.WC04M	30-34	T45	117	2	
B4035.T45.30-34.Z1.WC04S	30-34	T45	77	2	
B4035.T45.32-41.Z1.WC04	32-41	T45	63	2	
B4035.T45.41-50.Z1.WC04	41-50	T45	99	2	
B4035.T45.50-59.Z1.WC04	50-59	T45	72	2	
B4035.T45.59-68.Z1.WC04	59-68	T45	117	2	

Bodies and assembly parts are included in the scope of delivery

Assembly parts

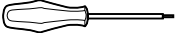
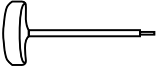
	Type	WC .. 0402 ..
	Fastening screw	FS2101
	Clamping screw for indexable insert	FS1454 (T8IP) 1,2 Nm
	Threaded plug	FS2102
	Battery	FS2122
	Battery compartment gasket	FS2121
	Battery compartment lid	FS2123



B 2

			Basic body	Extension	Cartridge
			B4035G.T45.002-124.Z1	EB643.CS	EB644.WC04
			B4035G.T45.002-124.Z1	EB642	EB644.WC04
			B4035G.T45.002-124.Z1	EB643.CS	EB645.WC04
			B4035G.T45.002-124.Z1	EB642	EB645.WC04
			B4035G.T45.002-124.Z1	EB643.CS	EB621.WC04
			B4035G.T45.002-124.Z1	EB642	EB621.WC04
			B4035G.T45.002-124.Z1	EB643.CS	EB622.WC04
			B4035G.T45.002-124.Z1	EB642	EB622.WC04
			B4035G.T45.002-124.Z1	EB643.CS	EB623.WC04
			B4035G.T45.002-124.Z1	EB642	EB623.WC04
			B4035G.T45.002-124.Z1	EB643.CS	EB624.WC04
			B4035G.T45.002-124.Z1	EB642	EB624.WC04
			B4035G.T45.002-124.Z1	EB625	EB629.WC04
			B4035G.T45.002-124.Z1	EB626	EB630.WC04
			B4035G.T45.002-124.Z1	EB627	EB629.WC04
			B4035G.T45.002-124.Z1	EB628	EB630.WC04

Accessories

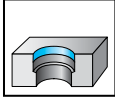
	Type	WC .. 0402 ..
	Screwdriver for indexable insert	FS1483 (T8IP)
	Screwdriver for adjustment	FS1174 (T25)
	ISO 2936-1,5 key	ISO2936-1,5 (SW 1,5)
	ISO 2936-3 key	ISO2936-3 (SW 3)

Precision boring tool

B4035

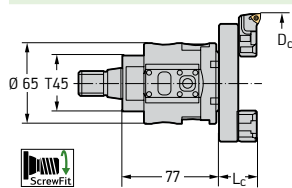
$\kappa=93^\circ$

Z = 1



	P	M	K	N	S	H	O
B4035	●	●	●	●	●	●	●

Tool



ScrewFit

Bodies and assembly parts are included in the scope of delivery

Designation

D_c
mm

d₁

L_c
mm



Type

B4035.T45.68-96.Z1.WC04

68-96

T45

2

WC .. 0402 ..

B4035.T45.96-124.Z1.WC04

96-124

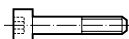
T45

2

Assembly parts

Type

WC .. 0402 ..



Fastening screw

FS2101



Clamping screw for indexable insert

FS1454 (T8IP)
1,2 Nm



Threaded plug

FS2102

Battery

FS2122

Battery compartment gasket

FS2121

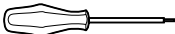
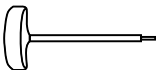
Battery compartment lid

FS2123



Basic body		Bridge	Counterweight	Cartridge
	B4035G.T45.002-124.Z1	EB631	EB635	EB634.WC04
	B4035G.T45.002-124.Z1	EB632	EB635	EB634.WC04

B 2

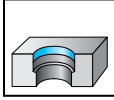
Accessories		
	Type	WC .. 0402 ..
	Screwdriver for indexable insert	FS1483 (T8IP)
	Screwdriver for adjustment	FS1174 (T25)
	ISO 2936-1,5 key	ISO2936-1,5 (SW 1,5)
	ISO 2936-3 key	ISO2936-3 (SW 3)
	Coolant transfer for bridge	EB636

Precision boring tool

B4035 inch

$\kappa=93^\circ$

Z = 1



	P	M	K	N	S	H	O
B4035	●	●	●	●	●	●	●

Tool

	Designation	D _c inch	d ₁	L _c inch	lbs	Type
 ScrewFit	B4035.UT45.03-10.Z1.P15	0,118–0,394	T45	0,394	4,299	
	B4035.UT45.04-11.Z1.P15	0,157–0,433	T45	0,394	4,299	
	B4035.UT45.05-12.Z1.P15M	0,197–0,472	T45	0,787	4,299	
	B4035.UT45.05-12.Z1.P15S	0,197–0,472	T45	0,394	4,299	
	B4035.UT45.06-13.Z1.P15M	0,236–0,512	T45	1,181	4,299	
	B4035.UT45.06-13.Z1.P15S	0,236–0,512	T45	0,787	4,299	
	B4035.UT45.08-15.Z1.P15M	0,315–0,591	T45	1,890	4,299	
	B4035.UT45.08-15.Z1.P15S	0,315–0,591	T45	0,906	4,299	
 ScrewFit	B4035.UT45.10-12.Z1.WC03	0,394–0,472	T45	2,047	4,299	WC .. 0302 ..
	B4035.UT45.10-17.Z1.WC03	0,394–0,669	T45	1,063	4,299	
	B4035.UT45.11-18.Z1.WC03	0,433–0,709	T45	1,063	4,299	
	B4035.UT45.12-14.Z1.WC03	0,472–0,551	T45	2,441	4,299	
	B4035.UT45.12-19.Z1.WC03	0,472–0,748	T45	1,654	4,299	
	B4035.UT45.13-20.Z1.WC03	0,512–0,787	T45	1,654	4,299	
	B4035.UT45.14-16.Z1.WC03	0,551–0,630	T45	2,835	4,299	
	B4035.UT45.14-21.Z1.WC03	0,551–0,827	T45	1,85	4,299	
	B4035.UT45.15-22.Z1.WC03	0,591–0,866	T45	1,85	4,299	
	B4035.UT45.16-18.Z1.WC03	0,630–0,709	T45	3,228	4,299	
	B4035.UT45.16-23.Z1.WC03	0,630–0,906	T45	2,244	4,299	
	B4035.UT45.17-24.Z1.WC03	0,669–0,945	T45	2,244	4,299	
	B4035.UT45.18-20.Z1.WC03	0,709–0,787	T45	3,622	4,299	
	B4035.UT45.18-25.Z1.WC03	0,709–0,984	T45	2,559	4,299	
	B4035.UT45.19-26.Z1.WC03	0,748–1,024	T45	2,559	4,299	

Bodies and assembly parts are included in the scope of delivery

Assembly parts

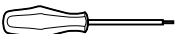
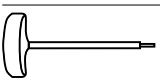
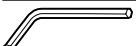
	Type	WC .. 0302 ..
	Fastening screw	FS2101
	Clamping screw for indexable insert	FS2084 (T7IP) 0,9 Nm
	Threaded plug	FS2102
	Battery	FS2122
	Battery compartment gasket	FS2121
	Battery compartment lid	FS2123



B 2

Basic body		Boring bar		Boring bar	
	B4035G.C6.002-124.Z1		EB603.WXP15		EB603.WXP15
	B4035G.T45.002-124.Z1		EB604.WXP15		EB604.WXP15
	B4035G.T45.002-124.Z1		EB606.WXP15		EB606.WXP15
	B4035G.T45.002-124.Z1		EB605.WXP15		EB605.WXP15
	B4035G.T45.002-124.Z1		EB608.WXP15		EB608.WXP15
	B4035G.T45.002-124.Z1		EB607.WXP15		EB607.WXP15
	B4035G.T45.002-124.Z1		EB610.WXP15		EB610.WXP15
	B4035G.T45.002-124.Z1		EB609.WXP15		EB609.WXP15
	B4035G.UT45.002-124.Z1		EB637.WC03.CS		EB637.WC03.CS
	B4035G.UT45.002-124.Z1		EB611.WC03		EB611.WC03
	B4035G.UT45.002-124.Z1		EB612.WC03		EB612.WC03
	B4035G.UT45.002-124.Z1		EB638.WC03.CS		EB638.WC03.CS
	B4035G.UT45.002-124.Z1		EB613.WC03		EB613.WC03
	B4035G.UT45.002-124.Z1		EB614.WC03		EB614.WC03
	B4035G.UT45.002-124.Z1		EB639.WC03.CS		EB639.WC03.CS
	B4035G.UT45.002-124.Z1		EB615.WC03		EB615.WC03
	B4035G.UT45.002-124.Z1		EB616.WC03		EB616.WC03
	B4035G.UT45.002-124.Z1		EB640.WC03.CS		EB640.WC03.CS
	B4035G.UT45.002-124.Z1		EB617.WC03		EB617.WC03
	B4035G.UT45.002-124.Z1		EB618.WC03		EB618.WC03
	B4035G.UT45.002-124.Z1		EB641.WC03.CS		EB641.WC03.CS
	B4035G.UT45.002-124.Z1		EB619.WC03		EB619.WC03
	B4035G.UT45.002-124.Z1		EB620.WC03		EB620.WC03

Accessories

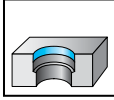
	Type	WC .. 0302 ..	
	Screwdriver for indexable insert		FS2088 (T7IP)
	Screwdriver for adjustment	FS1174 (T25)	FS1174 (T25)
	ISO 2936-1,5 key	ISO2936-1,5 (SW 1,5)	ISO2936-1,5 (SW 1,5)
	ISO 2936-3 key	ISO2936-3 (SW 3)	ISO2936-3 (SW 3)

Precision boring tool

B4035 inch

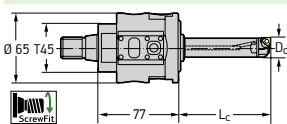
$\kappa=93^\circ$

Z = 1



	P	M	K	N	S	H	O
B4035	●	●	●	●	●	●	●

Tool



ScrewFit

Designation

D_c
inch

d₁

L_c
inch



Type

B4035.UT45.20-24.Z1WC04M

0,787–0,945

T45

4,606

4,299

WC .. 0402 ..

B4035.UT45.20-24.Z1WC04S

0,787–0,945

T45

3,031

4,299

B4035.UT45.22-26.Z1WC04M

0,866–1,024

T45

4,606

4,299

B4035.UT45.22-26.Z1WC04S

0,866–1,024

T45

3,031

4,299

B4035.UT45.24-28.Z1WC04M

0,945–1,102

T45

4,606

4,299

B4035.UT45.24-28.Z1WC04S

0,945–1,102

T45

3,031

4,299

B4035.UT45.26-30.Z1WC04M

1,024–1,181

T45

4,606

4,299

B4035.UT45.26-30.Z1WC04S

1,024–1,181

T45

3,031

4,299

B4035.UT45.28-32.Z1WC04M

1,102–1,260

T45

4,606

4,299

B4035.UT45.28-32.Z1WC04S

1,102–1,260

T45

3,031

4,299

B4035.UT45.30-34.Z1WC04M

1,181–1,339

T45

4,606

4,299

B4035.UT45.30-34.Z1WC04S

1,181–1,339

T45

3,031

4,299

B4035.UT45.32-41.Z1WC04

1,260–1,614

T45

2,48

4,299

B4035.UT45.41-50.Z1WC04

1,614–1,969

T45

3,898

4,299

B4035.UT45.50-59.Z1WC04

1,969–2,323

T45

2,835

4,299

B4035.UT45.59-68.Z1WC04

2,323–2,677

T45

4,606

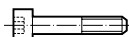
4,299

Bodies and assembly parts are included in the scope of delivery

Assembly parts

Type

WC .. 0402 ..



Fastening screw

FS2101



Clamping screw for indexable insert

FS1454 (T8IP)
1,2 Nm



Threaded plug

FS2102

Battery

FS2122

Battery compartment gasket

FS2121

Battery compartment lid

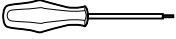
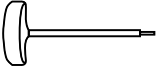
FS2123



B 2

			Basic body	Extension	Cartridge
			B4035G.UT45.002-124.Z1	EB643.CS	EB644.WC04
			B4035G.UT45.002-124.Z1	EB642	EB644.WC04
			B4035G.UT45.002-124.Z1	EB643.CS	EB645.WC04
			B4035G.UT45.002-124.Z1	EB642	EB645.WC04
			B4035G.UT45.002-124.Z1	EB643.CS	EB621.WC04
			B4035G.UT45.002-124.Z1	EB642	EB621.WC04
			B4035G.UT45.002-124.Z1	EB643.CS	EB622.WC04
			B4035G.UT45.002-124.Z1	EB642	EB622.WC04
			B4035G.UT45.002-124.Z1	EB643.CS	EB623.WC04
			B4035G.UT45.002-124.Z1	EB642	EB623.WC04
			B4035G.UT45.002-124.Z1	EB643.CS	EB624.WC04
			B4035G.UT45.002-124.Z1	EB642	EB624.WC04
			B4035G.UT45.002-124.Z1	EB625	EB629.WC04
			B4035G.UT45.002-124.Z1	EB626	EB630.WC04
			B4035G.UT45.002-124.Z1	EB627	EB629.WC04
			B4035G.UT45.002-124.Z1	EB628	EB630.WC04

Accessories

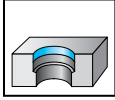
	Type	WC .. 0402 ..
	Screwdriver for indexable insert	FS1483 (T8IP)
	Screwdriver for adjustment	FS1174 (T25)
	ISO 2936-1,5 key	ISO2936-1,5 (SW 1,5)
	ISO 2936-3 key	ISO2936-3 (SW 3)

Precision boring tool

B4035 inch

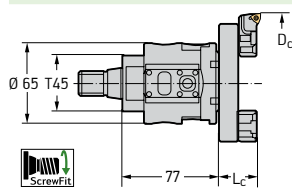
$\kappa=93^\circ$

Z = 1



	P	M	K	N	S	H	O
B4035	●	●	●	●	●	●	●

Tool

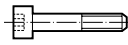


Designation	D _c inch	d ₁	L _c inch	lbs	Type
B4035.UT45.68-96.Z1.WC04	2,677–3,780	T45		4,299	WC .. 0402 ..
B4035.UT45.96-124.Z1WC04	3,780–4,882	T45		4,299	

ScrewFit

Bodies and assembly parts are included in the scope of delivery

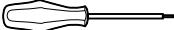
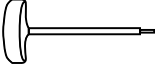
Assembly parts

Type	WC .. 0402 ..
 Fastening screw	FS2101
 Clamping screw for indexable insert	FS1454 (T8IP) 1,2 Nm
 Threaded plug	FS2102
Battery	FS2122
Battery compartment gasket	FS2121
Battery compartment lid	FS2123



Basic body		Bridge	Counterweight	Cartridge
	B4035G.UT45.002-124.Z1	EB631	EB635	EB634.WC04
	B4035G.UT45.002-124.Z1	EB632	EB635	EB634.WC04

B 2

Accessories		
	Type	WC .. 0402 ..
	Screwdriver for indexable insert	FS1483 (T8IP)
	Screwdriver for adjustment	FS1174 (T25)
	ISO 2936-1,5 key	ISO2936-1,5 (SW 1,5)
	ISO 2936-3 key	ISO2936-3 (SW 3)
	Coolant transfer for bridge	EB636

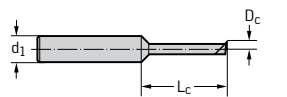
Boring bar

EB100 /

Walter Precision DIGITAL



Tool



Designation

D_{cmin}
mm

d_1
mm

f
mm

l_5
mm

l_{12}
mm

L_c
mm

l_1
mm

EB603.WXP15

3

1,4

30,2

10

40,2

EB604.WXP15

4

1,9

30,7

10

40,7

EB605.WXP15

5

2,4

30,7

10

40,7

EB606.WXP15

5

2,4

30,7

20

50,7

EB607.WXP15

6

2,9

30,7

20

50,7

EB608.WXP15

6

2,9

30,7

30

60,7

EB609.WXP15

8

3,9

29,8

23

52,8

EB610.WXP15

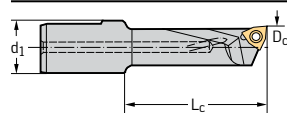
8

3,9

29,8

48

77,8



EB611.WC03

27

-27

27

EB612.WC03

27

-27

27

EB613.WC03

42

-42

42

EB614.WC03

42

-42

42

EB615.WC03

47

-47

47

EB616.WC03

47

-47

47

EB617.WC03

57

-57

57

EB618.WC03

57

-57

57

EB619.WC03

65

-65

65

EB620.WC03

65

-65

65

EB637.WC03.CS

52

-52

52

EB638.WC03.CS

62

-62

62

EB639.WC03.CS

72

-72

72

EB640.WC03.CS

82

-82

82

EB641.WC03.CS

92

-92

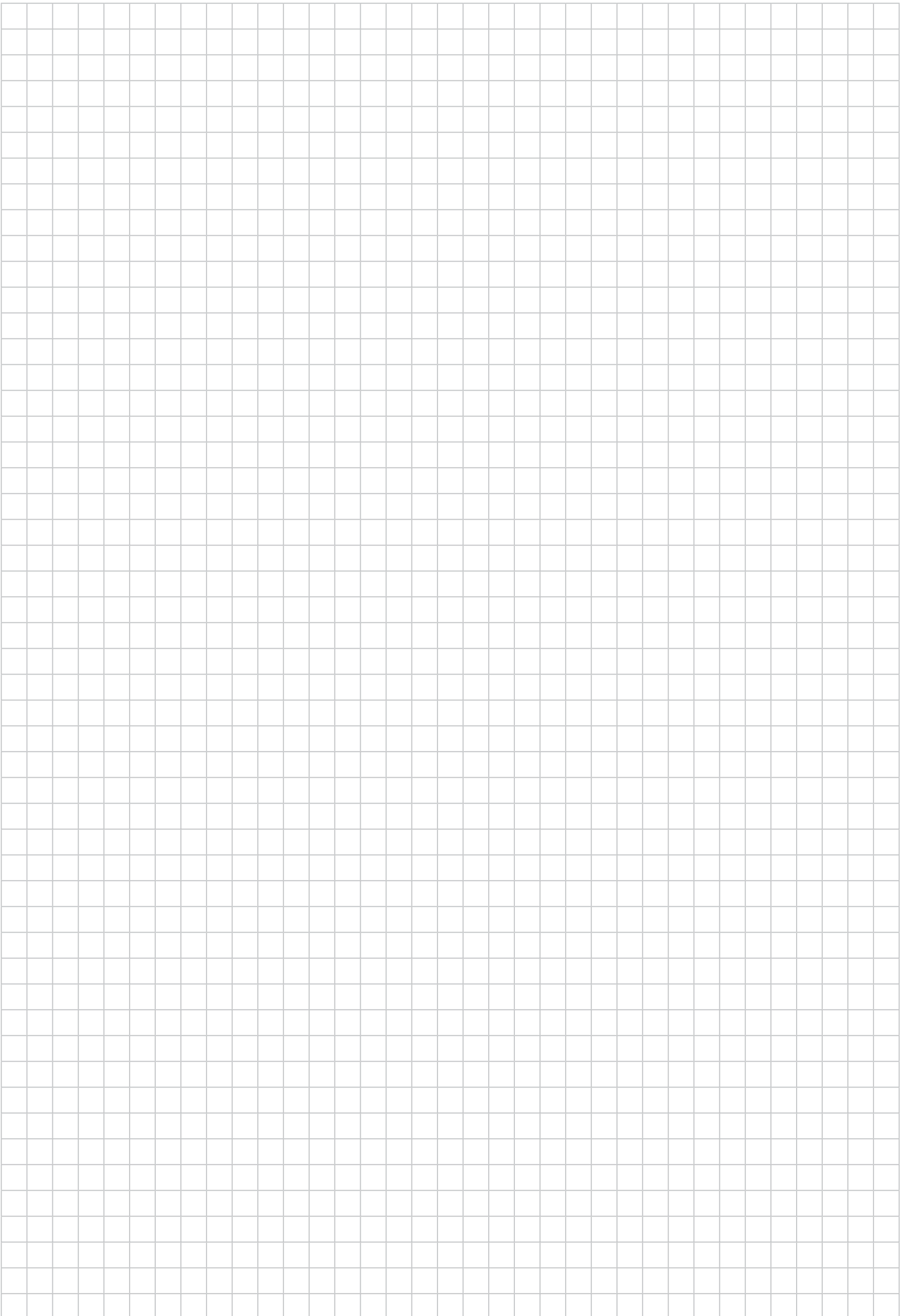
92

WISO_
WC0302_1

WALTER
SELECT

Best tool for → Good = 😊 → Average = 😐 → Poor = ☹️ machining conditions

●● Primary application ● Other application



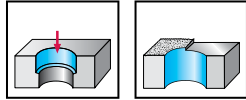
B 2

Double-edged boring tool

B5460 mm

Walter Boring XT

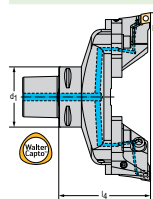
- Symmetrical, asymmetrical and axial-radial offset rough boring (ARS)
- Basic body/bridge can also be used with B5120



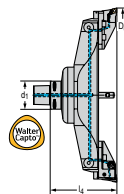
D _c 148- 620	Z=2	κ=90°

	P	M	K	N	S	H	O
B5460	●	●	●	●	●		

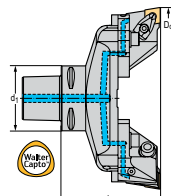
Tool



Walter Capto™ in acc. with ISO 26623



Walter Capto™ in acc. with ISO 26623



Walter Capto™ in acc. with ISO 26623

Designation	D _c mm	d ₁	l ₄ mm	kg	Type
B5460-148-200-C8-CC12	148-200	C8	122	7	CC .. 1204 ..
B5460-198-250-C8-CC12	198-250	C8	122	8,1	
B5460-248-300-C8-CC12	248-300	C8	122	9,2	
B5460-298-380-C8-CC12	298-380	C8	179	15,5	CC .. 1204 ..
B5460-378-460-C8-CC12	378-460	C8	184	17,3	
B5460-458-540-C8-CC12	458-540	C8	189	19,2	
B5460-538-620-C8-CC12	538-620	C8	194	21,6	
B5460-148-200-C8-CN19	148-200	C8	122	7,1	CN .. 1906 ..
B5460-198-250-C8-CN19	198-250	C8	122	8,2	
B5460-248-300-C8-CN19	248-300	C8	122	9,3	

Bodies and assembly parts are included in the scope of delivery

Assembly parts

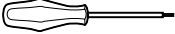
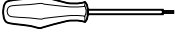
Type	CC .. 1204 ..	CN .. 1906 ..	WWAL_BE1204_2
Wedge set	FK398	FK398	FK398
Clamping screw	FS2662 (SW 8)	FS2662 (SW 8)	FS2662 (SW 8)
Clamping screw for indexable insert	FS2658 (15IP) 3 Nm		FS2658 (15IP) 3 Nm
Circlip	FS2663	FS2663	FS2663
Shim	AP197	AP198	AP199
Washer	FS2647	FS2647	FS2647
Coolant screw	FS2671 (SW 2.5)	FS2671 (SW 2.5)	FS2671 (SW 2.5)
Clamping screw for shim	FS2660 (SW 4)	FS2661 (20IP) 6,4 Nm	FS2660 (SW 4)
Adjustment set	FS2653 (SW 3)	FS2653 (SW 3)	FS2653 (SW 3)
Stud	FS2654	FS2654	FS2654
Disc spring	FS2650	FS2650	FS2650
RC clamp		FS2659	



B 2

	Basic body	Bridge	Slider	Cartridge
	B5120-148-000-C8-B		EB723	EB725.CC12
	B5120-198-000-C8-B		EB723	EB725.CC12
	B5120-248-000-C8-B		EB723	EB725.CC12
	B5120-298-000-C8-B	EB731	EB724	EB725.CC12
	B5120-298-000-C8-B	EB732	EB724	EB725.CC12
	B5120-298-000-C8-B	EB733	EB724	EB725.CC12
	B5120-298-000-C8-B	EB734	EB724	EB725.CC12
	B5120-148-000-C8-B		EB723	EB726.CN19
	B5120-198-000-C8-B		EB723	EB726.CN19
	B5120-248-000-C8-B		EB723	EB726.CN19

Accessories

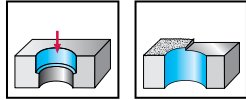
	Type	CC .. 1204 ..	CN .. 1906 ..	WWAL_BE1204_2
	ISO 2936-2,5 key	ISO2936-2,5 (SW 2,5)	ISO2936-2,5 (SW 2,5)	ISO2936-2,5 (SW 2,5)
	ISO 2936-3 key	ISO2936-3 (SW 3)	ISO2936-3 (SW 3)	ISO2936-3 (SW 3)
	ISO 2936-4 key	ISO2936-4 (SW 4)	ISO2936-4 (SW 4)	ISO2936-4 (SW 4)
	ISO 2936-8 key	ISO2936-8 (SW 8)	ISO2936-8 (SW 8)	ISO2936-8 (SW 8)
	Torque T-handle	FS2041	FS2041	FS2041
	Interchangeable blade	FS2047 (T15IP)		FS2047 (T15IP)
	Interchangeable blade	FS2048 (T20IP)	FS2048 (T20IP)	
	ISO 2936-10 key	ISO2936-10 (SW 10)	ISO2936-10 (SW 10)	ISO2936-10 (SW 10)
	Screwdriver	FS1485 (T15IP)		FS1485 (T15IP)
	ISO 2936-14 key	ISO2936-14 (SW 14)	ISO2936-14 (SW 14)	ISO2936-14 (SW 14)
	Screwdriver	FS1486 (T20IP)	FS1486 (T20IP)	
	Torque screwdriver, analogue	FS2003		FS2003
	Torque screwdriver, digital	FS2248		FS2248

Double-edged boring tool

B5460 mm

Walter Boring XT

- Symmetrical, asymmetrical and axial-radial offset rough boring (ARS)
- Basic body/bridge can also be used with B5120



D_c 148- 620	$Z=2$	$\kappa=90^\circ$

	P	M	K	N	S	H	O
B5460	●	●	●	●	●		

Tool

	Designation	D_c mm	d_1	l_4 mm	kg	Type
	B5460-298-380-C8-CN19	298-380	C8	179	15,7	CN .. 1906 ..
	B5460-378-460-C8-CN19	378-460	C8	184	17,4	
	B5460-458-540-C8-CN19	458-540	C8	189	19,3	
	B5460-538-620-C8-CN19	538-620	C8	194	21,7	
	B5460-148-200-C8-SC12	148-200	C8	122	7	WWAL_ BE1204_2
	B5460-198-250-C8-SC12	198-250	C8	122	8,1	
	B5460-248-300-C8-SC12	248-300	C8	122	9,2	

Bodies and assembly parts are included in the scope of delivery

Assembly parts

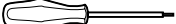
	Type	CC .. 1204 ..	CN .. 1906 ..	WWAL_BE1204_2
	Wedge set	FK398	FK398	FK398
	Clamping screw	FS2662 (SW 8)	FS2662 (SW 8)	FS2662 (SW 8)
	Clamping screw for indexable insert	FS2658 (15IP) 3 Nm		FS2658 (15IP) 3 Nm
	Circlip	FS2663	FS2663	FS2663
	Shim	AP197	AP198	AP199
	Washer	FS2647	FS2647	FS2647
	Coolant screw	FS2671 (SW 2.5)	FS2671 (SW 2.5)	FS2671 (SW 2.5)
	Clamping screw for shim	FS2660 (SW 4)	FS2661 (20IP) 6,4 Nm	FS2660 (SW 4)
	Adjustment set	FS2653 (SW 3)	FS2653 (SW 3)	FS2653 (SW 3)
	Stud	FS2654	FS2654	FS2654
	Disc spring	FS2650	FS2650	FS2650
	RC clamp		FS2659	



B 2

	Basic body	Bridge	Slider	Cartridge
	B5120-298-000-C8-B	EB731	EB724	EB726.CN19
	B5120-298-000-C8-B	EB732	EB724	EB726.CN19
	B5120-298-000-C8-B	EB733	EB724	EB726.CN19
	B5120-298-000-C8-B	EB734	EB724	EB726.CN19
	B5120-148-000-C8-B		EB723	EB727.SC12
	B5120-198-000-C8-B		EB723	EB727.SC12
	B5120-248-000-C8-B		EB723	EB727.SC12

Accessories

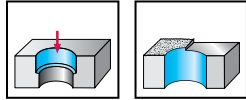
	Type	CC .. 1204 ..	CN .. 1906 ..	WWAL_BE1204_2
	ISO 2936-2,5 key	ISO2936-2,5 (SW 2,5)	ISO2936-2,5 (SW 2,5)	ISO2936-2,5 (SW 2,5)
	ISO 2936-3 key	ISO2936-3 (SW 3)	ISO2936-3 (SW 3)	ISO2936-3 (SW 3)
	ISO 2936-4 key	ISO2936-4 (SW 4)	ISO2936-4 (SW 4)	ISO2936-4 (SW 4)
	ISO 2936-8 key	ISO2936-8 (SW 8)	ISO2936-8 (SW 8)	ISO2936-8 (SW 8)
	Torque T-handle	FS2041	FS2041	FS2041
	Interchangeable blade	FS2047 (T15IP)		FS2047 (T15IP)
	Interchangeable blade	FS2048 (T20IP)	FS2048 (T20IP)	
	ISO 2936-10 key	ISO2936-10 (SW 10)	ISO2936-10 (SW 10)	ISO2936-10 (SW 10)
	Screwdriver	FS1485 (T15IP)		FS1485 (T15IP)
	ISO 2936-14 key	ISO2936-14 (SW 14)	ISO2936-14 (SW 14)	ISO2936-14 (SW 14)
	Screwdriver	FS1486 (T20IP)	FS1486 (T20IP)	
	Torque screwdriver, analogue	FS2003		FS2003
	Torque screwdriver, digital	FS2248		FS2248

Double-edged boring tool

B5460

Walter Boring XT

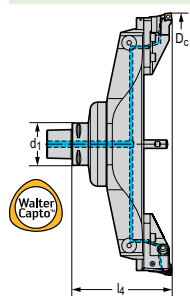
- Symmetrical, asymmetrical and axial-radial offset rough boring (ARS)
- Basic body/bridge can also be used with B5120



D _c 148- 620	Z=2	κ=90°

	P	M	K	N	S	H	O
B5460	●	●	●	●	●		

Tool



Walter Capto™ in acc. with ISO 26623

Designation	D _c mm	d ₁	l ₄ mm	kg	Type
B5460-298-380-C8-SC12	298-380	C8	179	15,6	WWAL_ BE1204_2
B5460-378-460-C8-SC12	378-460	C8	184	17,3	
B5460-458-540-C8-SC12	458-540	C8	189	19,2	
B5460-538-620-C8-SC12	538-620	C8	189	21,6	

Bodies and assembly parts are included in the scope of delivery

Assembly parts

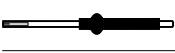
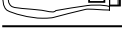
Type	CC .. 1204 ..	CN .. 1906 ..	WWAL_BE1204_2
Wedge set	FK398	FK398	FK398
Clamping screw	FS2662 (SW 8)	FS2662 (SW 8)	FS2662 (SW 8)
Clamping screw for indexable insert	FS2658 (15IP) 3 Nm		FS2658 (15IP) 3 Nm
Circlip	FS2663	FS2663	FS2663
Shim	AP197	AP198	AP199
Washer	FS2647	FS2647	FS2647
Coolant screw	FS2671 (SW 2.5)	FS2671 (SW 2.5)	FS2671 (SW 2.5)
Clamping screw for shim	FS2660 (SW 4)	FS2661 (20IP) 6,4 Nm	FS2660 (SW 4)
Adjustment set	FS2653 (SW 3)	FS2653 (SW 3)	FS2653 (SW 3)
Stud	FS2654	FS2654	FS2654
Disc spring	FS2650	FS2650	FS2650
RC clamp		FS2659	



B 2

	Basic body	Bridge	Slider	Cartridge
	B5120-298-000-C8-B	EB731	EB724	EB727.SC12
	B5120-298-000-C8-B	EB732	EB724	EB727.SC12
	B5120-298-000-C8-B	EB733	EB724	EB727.SC12
	B5120-298-000-C8-B	EB734	EB724	EB727.SC12

Accessories

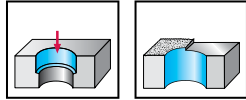
	Type	CC .. 1204 ..	CN .. 1906 ..	WWAL_BE1204_2
	ISO 2936-2,5 key	ISO2936-2,5 (SW 2,5)	ISO2936-2,5 (SW 2,5)	ISO2936-2,5 (SW 2,5)
	ISO 2936-3 key	ISO2936-3 (SW 3)	ISO2936-3 (SW 3)	ISO2936-3 (SW 3)
	ISO 2936-4 key	ISO2936-4 (SW 4)	ISO2936-4 (SW 4)	ISO2936-4 (SW 4)
	ISO 2936-8 key	ISO2936-8 (SW 8)	ISO2936-8 (SW 8)	ISO2936-8 (SW 8)
	Torque T-handle	FS2041	FS2041	FS2041
	Interchangeable blade	FS2047 (T15IP)		FS2047 (T15IP)
	Interchangeable blade	FS2048 (T20IP)	FS2048 (T20IP)	
	ISO 2936-10 key	ISO2936-10 (SW 10)	ISO2936-10 (SW 10)	ISO2936-10 (SW 10)
	Screwdriver	FS1485 (T15IP)		FS1485 (T15IP)
	ISO 2936-14 key	ISO2936-14 (SW 14)	ISO2936-14 (SW 14)	ISO2936-14 (SW 14)
	Screwdriver	FS1486 (T20IP)	FS1486 (T20IP)	
	Torque screwdriver, analogue	FS2003		FS2003
	Torque screwdriver, digital	FS2248		FS2248

Double-edged boring tool

B5560 mm

Walter Boring XT

- Symmetrical, asymmetrical and axial-radial offset rough boring (ARS)
- Basic body/bridge can also be used with B5120



D _c 148- 620	Z=2	κ=90°

	P	M	K	N	S	H	O
B5560	●	●	●	●	●	●	●

Tool

	Designation	D _c mm	d ₁	l ₄ mm	kg	Type
	B5560-148-200-C8-P400	148-200	C8	122	7	P4160-2R ..
	B5560-198-250-C8-P400	198-250	C8	122	8,2	
	B5560-248-300-C8-P400	248-300	C8	122	9,2	
	B5560-298-380-C8-P400	298-380	C8	179	15,5	P4160-2R ..
	B5560-378-460-C8-P400	378-460	C8	184	17,3	
	B5560-458-540-C8-P400	458-540	C8	189	19,2	
	B5560-538-620-C8-P400	538-620	C8	194	21,6	

Bodies and assembly parts are included in the scope of delivery

Assembly parts

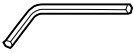
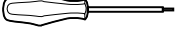
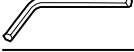
	Type	P4160-2R ..
	Wedge set	FK398
	Clamping screw	FS2662 (SW 8)
	Clamping screw for indexable insert	FS2079 (T9IP) 2 Nm
	Circlip	FS2663
	Washer	FS2647
	Coolant screw	FS2671 (SW 2.5)
	Adjustment set	FS2653 (SW 3)
	Stud	FS2654
	Disc spring	FS2650



B 2

	Basic body	Bridge	Slider	Cartridge
	B5120-148-000-C8-B		EB723	EB728.P400
	B5120-198-000-C8-B		EB723	EB728.P400
	B5120-248-000-C8-B		EB723	EB728.P400
	B5120-298-000-C8-B	EB731	EB724	EB728.P400
	B5120-298-000-C8-B	EB732	EB724	EB728.P400
	B5120-298-000-C8-B	EB733	EB724	EB728.P400
	B5120-298-000-C8-B	EB734	EB724	EB728.P400

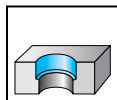
Accessories

	Type	P4160-2R ..
	ISO 2936-2,5 key	ISO2936-2,5 (SW 2,5)
	ISO 2936-3 key	ISO2936-3 (SW 3)
	ISO 2936-8 key	ISO2936-8 (SW 8)
	Torque screwdriver, analogue	FS2003
	ISO 2936-4 key	ISO2936-4 (SW 4)
	Torque screwdriver, digital	FS2248
	Interchangeable blade	FS2013 (T9IP)
	ISO 2936-10 key	ISO2936-10 (SW 10)
	Screwdriver	FS1484 (T9IP)
	ISO 2936-14 key	ISO2936-14 (SW 14)

Double-edged boring tool

B3221 / B3220

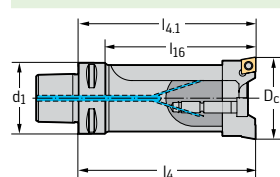
Walter Boring MEDIUM



D_c 20-41	$\kappa=90^\circ$	$Z=2$

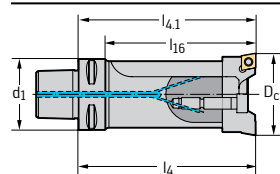
	P	M	K	N	S	H	O
B3221	●	●	●	●	●		
B3220	●	●	●	●	●		

Tool



Designation	D_c mm	d_1	l_4 mm	$l_{4.1}$ mm	kg	Type
B3221.C3.020-024.Z2.CC06	20-24	C3	80		0,2	CC .. 0602 ..
B3221.C3.023-027.Z2.CC06	23-27	C3	80		0,2	
B3221.C3.026-033.Z2.CC06	26-33	C3	80		0,2	

Walter Capto™ in acc. with ISO 26623



B3220.C3.033-041.Z2.CC06	33-41	C3	80	80,2	0,4	CC .. 0602 ..

Walter Capto™ in acc. with ISO 26623

Bodies and assembly parts are included in the scope of delivery

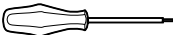
Assembly parts

Type	CC .. 0602 ..
Clamping screw for cartridge	FS1093 (SW 3) 4 Nm
Clamping screw for indexable insert	FS923 (T8) 0,8 Nm
Conical spring washer for cartridge	FS1098
Adjusting screw for cartridge	FS1103 (SW 1,3)



Basic body		Cartridge
	B3221G.C3.020-027.Z2	EB401.CC06
	B3221G.C3.020-027.Z2	EB402.CC06
	B3221G.C3.026-035.Z2	EB403.CC06
	B3220G.C3.033-044.Z2	EB205-206.CC06

B 2

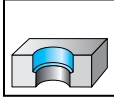
Accessories		
	Type	CC .. 0602 ..
	Screwdriver	FS230 (T8)
	ISO 2936-1,3 key	ISO2936-1,3 (SW 1,3)
	ISO 2936-3 key	ISO2936-3 (SW 3)
	ARS cartridge	EB401-1.CC06 (ARS)

Double-edged boring tool

B3221 / B3220 mm

Walter Boring MEDIUM

D_c 20-41	$\kappa=90^\circ$	$Z=2$



	P	M	K	N	S	H	O
B3221	●	●	●	●	●		
B3220	●	●	●	●	●		

Tool

Designation	D_c mm	d_1	l_4 mm	$l_{4.1}$ mm	kg	Type
B3221.T18.20-24.Z2.CC06	20-24	T18	35		0,1	CC .. 0602 ..
B3221.T18.23-27.Z2.CC06	23-27	T18	35		0,1	
B3221.T22.26-33.Z2.CC06	26-33	T22	40		0,1	
B3220.T28.33-41.Z2.CC06	33-41	T28	55	55,2	0,3	CC .. 0602 ..

Bodies and assembly parts are included in the scope of delivery

Assembly parts

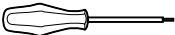
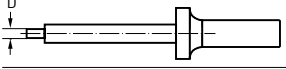
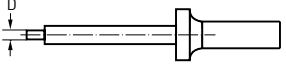
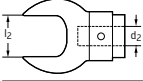
Type	CC .. 0602 ..
Conical spring washer for cartridge	FS1098
Clamping screw for indexable insert	FS923 (T8) 0,8 Nm
Clamping screw for cartridge	FS1093 (SW 3) 4 Nm
Adjusting screw for cartridge	FS1103 (SW 1,3)
Torque wrench	FS1386
Torque wrench head	FS1389



B 2

Basic body		Cartridge
	B3221G.T18.20-27.Z2	EB401.CC06
	B3221G.T18.20-27.Z2	EB402.CC06
	B3221G.T22.26-33.Z2	EB403.CC06
	B3220G.T28.33-41.Z2	EB205-206.CC06

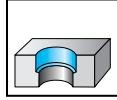
Accessories

	Type	CC .. 0602 ..
	Screwdriver	FS230 (T8)
	ISO 2936-1,3 key	ISO2936-1,3 (SW 1,3)
	ISO 2936-1,5 key	ISO2936-1,5 (SW 1,5)
	ISO 2936-3 key	ISO2936-3 (SW 3)
	ISO 2936-4 key	ISO2936-4 (SW 4)
	ARS cartridge	EB401-1.CC06 (ARS)
	Torque wrench	FS1385
	Torque wrench	FS1386
	Torque wrench head	FS1389

Double-edged boring tool

B3220

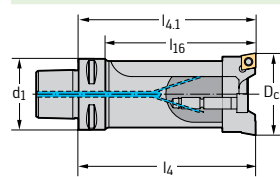
Walter Boring MEDIUM



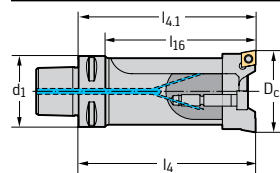
D_c 41-153	$\kappa=90^\circ$	$Z=2$

	P	M	K	N	S	H	O
B3220	●●	●●	●●	●●	●●	●●	●●

Tool



Walter Capto™ in acc. with ISO 26623



Walter Capto™ in acc. with ISO 26623

Designation	D_c mm	d_1	l_4 mm	$l_{4.1}$ mm	kg	Type
B3220.C4.041-055.Z2.CC09	41-55	C4	80	80,3	0,6	CC .. 09T3 ..
B3220.C5.055-070.Z2.CC09	55-70	C5	100	100,3	1,3	
B3220.C6.070-090.Z2.CC12	70-90	C6	110	110,3	2,3	CC .. 1204 ..
B3220.C8.090-110.Z2.CC12	90-110	C8	110	110,3	3,8	
B3220.C8.110-133.Z2.CC12	110-133	C8	110	110,3	4,4	
B3220.C8.130-153.Z2.CC12	130-153	C8	110	110,3	4,4	

Bodies and assembly parts are included in the scope of delivery

Assembly parts

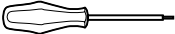
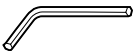
Type	CC .. 09T3 ..	CC .. 1204 ..
Conical spring washer for cartridge	FS1100	FS1101
Clamping screw for indexable insert	FS359 (T15) 2,5 Nm	FS1030 (T20) 5 Nm
Clamping screw for cartridge	FS1095 (SW 4) 12 Nm	FS1096 (SW 6) 30 Nm
Adjusting screw for cartridge	FS1106 (SW 2)	FS1107 (SW 2,5)



B 2

Basic body		Cartridge
	B3220G.C4.041-056.Z2	EB207-208.CC09
	B3220G.C5.055-073.Z2	EB209-210.CC09
	B3220G.C6.070-093.Z2	EB211-212.CC12
	B3220G.C8.090-113.Z2	EB213-214.CC12
	B3220G.C8.110-153.Z2	EB215.CC12
	B3220G.C8.110-153.Z2	EB216.CC12

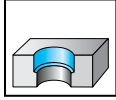
Accessories

	Type	CC .. 09T3 ..	CC .. 1204 ..
	Screwdriver	FS229 (T15)	FS228 (T20)
	ISO 2936-2 key	ISO2936-2 (SW 2)	
	ISO 2936-2,5 key		ISO2936-2,5 (SW 2,5)
	ISO 2936-5 key	ISO2936-5 (SW 5)	
	ISO 2936-6 key		ISO2936-6 (SW 6)
	ARS cartridge	EB207-208-1.CC09 (ARS)	
	ISO 2936-8 key		ISO2936-8 (SW 8)
	ARS cartridge		EB211-212-1.CC12 (ARS)

Double-edged boring tool

B3220

Walter Boring MEDIUM



D_c 41-153	$\kappa=90^\circ$	$Z=2$

	P	M	K	N	S	H	O
B3220	●●	●●	●●	●	●●		

Tool

Designation	D_c mm	d_1	l_4 mm	$l_{4.1}$ mm	kg	Type
B3220.T36.41-55.Z2.CC09	41-55	T36	65	65,3	0,5	CC .. 09T3 ..
B3220.T45.55-70.Z2.CC09	55-70	T45	80	80,3	0,9	



ScrewFit

Bodies and assembly parts are included in the scope of delivery

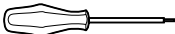
Assembly parts

Type	CC .. 09T3 ..
Conical spring washer for cartridge	FS1100
Clamping screw for indexable insert	FS359 (T15) 2,5 Nm
Clamping screw for cartridge	FS1095 (SW 4) 12 Nm
Adjusting screw for cartridge	FS1106 (SW 2)



Basic body		Cartridge
	B3220G.T36.41-55.Z2	EB207-208.CC09
	B3220G.T45.55-70.Z2	EB209-210.CC09

B 2

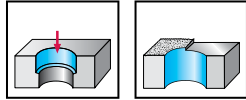
Accessories		
	Type	CC .. 09T3 ..
	Screwdriver	FS229 (T15)
	ISO 2936-2 key	ISO2936-2 (SW 2)
	ISO 2936-5 key	ISO2936-5 (SW 5)
	ARS cartridge	EB207-208-1.CC09 (ARS)

Double-edged boring tool

B5460 mm

Walter Boring XT

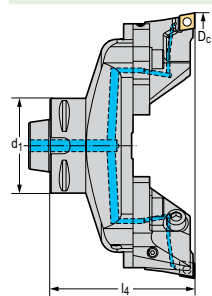
- Symmetrical, asymmetrical and axial-radial offset rough boring (ARS)
- Basic body/bridge can also be used with B5120



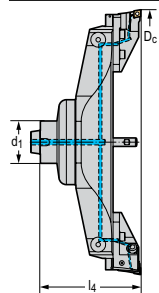
D _c 148- 620	Z=2	κ=90°

	P	M	K	N	S	H	O
B5460	●	●	●	●	●		

Tool



Modular NCT adaptor



Modular NCT adaptor

Designation	D _c mm	d ₁	l ₄ mm	kg	Type
B5460-148-200-N8-CC12	148-200	NCT 80	122	6,5	CC .. 1204 ..
B5460-198-250-N8-CC12	198-250	NCT 80	122	7,7	
B5460-248-300-N8-CC12	248-300	NCT 80	122	8,7	
B5460-298-380-N8-CC12	298-380	NCT 80	179	15	CC .. 1204 ..
B5460-378-460-N8-CC12	378-460	NCT 80	184	16,8	
B5460-458-540-N8-CC12	458-540	NCT 80	189	18,7	
B5460-538-620-N8-CC12	538-620	NCT 80	194	21,1	

Bodies and assembly parts are included in the scope of delivery

Assembly parts

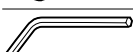
Type	CC .. 1204 ..	CN .. 1906 ..	WWAL_BE1204_2
Wedge set	FK398	FK398	FK398
Clamping screw	FS2662 (SW 8)	FS2662 (SW 8)	FS2662 (SW 8)
Clamping screw for indexable insert	FS2658 (15IP) 3 Nm		FS2658 (15IP) 3 Nm
Circlip	FS2663	FS2663	FS2663
Shim	AP197	AP198	AP199
Washer	FS2647	FS2647	FS2647
Coolant screw	FS2671 (SW 2.5)	FS2671 (SW 2.5)	FS2671 (SW 2.5)
Clamping screw for shim	FS2660 (SW 4)	FS2661 (20IP) 6,4 Nm	FS2660 (SW 4)
Adjustment set	FS2653 (SW 3)	FS2653 (SW 3)	FS2653 (SW 3)
Stud	FS2654	FS2654	FS2654
Disc spring	FS2650	FS2650	FS2650
RC clamp		FS2659	



B 2

	Basic body	Bridge	Slider	Cartridge
	B5120-148-000-N8-B		EB723	EB725.CC12
	B5120-198-000-N8-B		EB723	EB725.CC12
	B5120-248-000-N8-B		EB723	EB725.CC12
	B5120-298-000-N8-B	EB731	EB724	EB725.CC12
	B5120-298-000-N8-B	EB732	EB724	EB725.CC12
	B5120-298-000-N8-B	EB733	EB724	EB725.CC12
	B5120-298-000-N8-B	EB734	EB724	EB725.CC12

Accessories

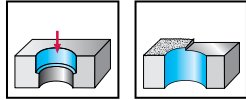
	Type	CC .. 1204 ..-WWAL_BE1204_2	CN .. 1906 ..
	ISO 2936-2,5 key	ISO2936-2,5 (SW 2,5)	ISO2936-2,5 (SW 2,5)
	ISO 2936-3 key	ISO2936-3 (SW 3)	ISO2936-3 (SW 3)
	ISO 2936-8 key	ISO2936-8 (SW 8)	ISO2936-8 (SW 8)
	Torque T-handle	FS2041	FS2041
	ISO 2936-4 key	ISO2936-4 (SW 4)	ISO2936-4 (SW 4)
	Interchangeable blade	FS2047 (T15IP)	FS2048 (T20IP)
	ISO 2936-10 key	ISO2936-10 (SW 10)	ISO2936-10 (SW 10)
	Screwdriver	FS1485 (T15IP)	FS1486 (T20IP)
	ISO 2936-14 key	ISO2936-14 (SW 14)	ISO2936-14 (SW 14)
	Torque screwdriver, analogue	FS2003	
	Torque screwdriver, digital	FS2248	

Double-edged boring tool

B5460 mm

Walter Boring XT

- Symmetrical, asymmetrical and axial-radial offset rough boring (ARS)
- Basic body/bridge can also be used with B5120



D _c 148- 620	Z=2	κ=90°

	P	M	K	N	S	H	O
B5460	●	●	●	●	●		

Tool	Designation	D _c mm	d ₁	l ₄ mm	kg	Type
 Modular NCT adaptor	B5460-148-200-N8-CN19	148-200	NCT 80	122	6,5	CN .. 1906 ..
	B5460-198-250-N8-CN19	198-250	NCT 80	122	7,7	
	B5460-248-300-N8-CN19	248-300	NCT 80	122	8,8	
 Modular NCT adaptor	B5460-298-380-N8-CN19	298-380	NCT 80	179	15,1	CN .. 1906 ..
	B5460-378-460-N8-CN19	378-460	NCT 80	184	16,8	
	B5460-458-540-N8-CN19	458-540	NCT 80	189	18,8	
	B5460-538-620-N8-CN19	538-620	NCT 80	194	21,2	

Bodies and assembly parts are included in the scope of delivery

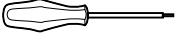
Assembly parts				
	Type	CC .. 1204 ..	CN .. 1906 ..	WWAL_BE1204_2
	Wedge set	FK398	FK398	FK398
	Clamping screw	FS2662 (SW 8)	FS2662 (SW 8)	FS2662 (SW 8)
	Clamping screw for indexable insert	FS2658 (15IP) 3 Nm		FS2658 (15IP) 3 Nm
	Circlip	FS2663	FS2663	FS2663
	Shim	AP197	AP198	AP199
	Washer	FS2647	FS2647	FS2647
	Coolant screw	FS2671 (SW 2.5)	FS2671 (SW 2.5)	FS2671 (SW 2.5)
	Clamping screw for shim	FS2660 (SW 4)	FS2661 (20IP) 6,4 Nm	FS2660 (SW 4)
	Adjustment set	FS2653 (SW 3)	FS2653 (SW 3)	FS2653 (SW 3)
	Stud	FS2654	FS2654	FS2654
	Disc spring	FS2650	FS2650	FS2650
	RC clamp		FS2659	



B 2

	Basic body	Bridge	Slider	Cartridge
	B5120-148-000-N8-B		EB723	EB726.CN19
	B5120-198-000-N8-B		EB723	EB726.CN19
	B5120-248-000-N8-B		EB723	EB726.CN19
	B5120-298-000-N8-B	EB731	EB724	EB726.CN19
	B5120-298-000-N8-B	EB732	EB724	EB726.CN19
	B5120-298-000-N8-B	EB733	EB724	EB726.CN19
	B5120-298-000-N8-B	EB734	EB724	EB726.CN19

Accessories

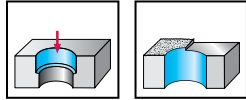
	Type	CC .. 1204 ...-WWAL_BE1204_2	CN .. 1906 ..
	ISO 2936-2,5 key	ISO2936-2,5 (SW 2,5)	ISO2936-2,5 (SW 2,5)
	ISO 2936-3 key	ISO2936-3 (SW 3)	ISO2936-3 (SW 3)
	ISO 2936-8 key	ISO2936-8 (SW 8)	ISO2936-8 (SW 8)
	Torque T-handle	FS2041	FS2041
	ISO 2936-4 key	ISO2936-4 (SW 4)	ISO2936-4 (SW 4)
	Interchangeable blade	FS2047 (T15IP)	FS2048 (T20IP)
	ISO 2936-10 key	ISO2936-10 (SW 10)	ISO2936-10 (SW 10)
	Screwdriver	FS1485 (T15IP)	FS1486 (T20IP)
	ISO 2936-14 key	ISO2936-14 (SW 14)	ISO2936-14 (SW 14)
	Torque screwdriver, analogue	FS2003	
	Torque screwdriver, digital	FS2248	

Double-edged boring tool

B5460

Walter Boring XT

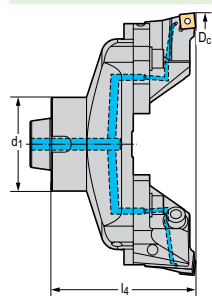
- Symmetrical, asymmetrical and axial-radial offset rough boring (ARS)
- Basic body/bridge can also be used with B5120



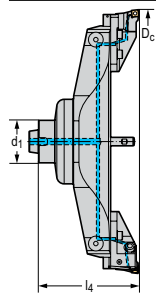
D _c 148- 620	Z=2	κ=90°

	P	M	K	N	S	H	O
B5460	●	●	●	●	●		

Tool



Modular NCT adaptor



Modular NCT adaptor

Designation	D _c mm	d ₁	l ₄ mm	kg	Type
B5460-148-200-N8-SC12	148-200	NCT 80	122	6,5	WWAL_ BE1204_2
B5460-198-250-N8-SC12	198-250	NCT 80	122	7,5	
B5460-248-300-N8-SC12	248-300	NCT 80	122	8,7	
B5460-298-380-N8-SC12	298-380	NCT 80	179	15	WWAL_ BE1204_2
B5460-378-460-N8-SC12	378-460	NCT 80	184	16,8	
B5460-458-540-N8-SC12	458-540	NCT 80	189	18,7	
B5460-538-620-N8-SC12	538-620	NCT 80	189	21,1	

Bodies and assembly parts are included in the scope of delivery

Assembly parts

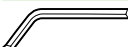
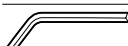
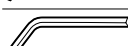
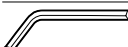
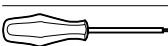
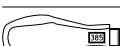
Type	CC .. 1204 ..	CN .. 1906 ..	WWAL_BE1204_2
Wedge set	FK398	FK398	FK398
Clamping screw	FS2662 (SW 8)	FS2662 (SW 8)	FS2662 (SW 8)
Clamping screw for indexable insert	FS2658 (15IP) 3 Nm		FS2658 (15IP) 3 Nm
Circlip	FS2663	FS2663	FS2663
Shim	AP197	AP198	AP199
Washer	FS2647	FS2647	FS2647
Coolant screw	FS2671 (SW 2.5)	FS2671 (SW 2.5)	FS2671 (SW 2.5)
Clamping screw for shim	FS2660 (SW 4)	FS2661 (20IP) 6,4 Nm	FS2660 (SW 4)
Adjustment set	FS2653 (SW 3)	FS2653 (SW 3)	FS2653 (SW 3)
Stud	FS2654	FS2654	FS2654
Disc spring	FS2650	FS2650	FS2650
RC clamp		FS2659	



B 2

	Basic body	Bridge	Slider	Cartridge
	B5120-148-000-N8-B		EB723	EB727.SC12
	B5120-198-000-N8-B		EB723	EB727.SC12
	B5120-248-000-N8-B		EB723	EB727.SC12
	B5120-298-000-N8-B	EB731	EB724	EB727.SC12
	B5120-298-000-N8-B	EB732	EB724	EB727.SC12
	B5120-298-000-N8-B	EB733	EB724	EB727.SC12
	B5120-298-000-N8-B	EB734	EB724	EB727.SC12

Accessories

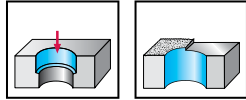
	Type	CC .. 1204 ..-WWAL_BE1204_2	CN .. 1906 ..
	ISO 2936-2,5 key	ISO2936-2,5 (SW 2,5)	ISO2936-2,5 (SW 2,5)
	ISO 2936-3 key	ISO2936-3 (SW 3)	ISO2936-3 (SW 3)
	ISO 2936-8 key	ISO2936-8 (SW 8)	ISO2936-8 (SW 8)
	Torque T-handle	FS2041	FS2041
	ISO 2936-4 key	ISO2936-4 (SW 4)	ISO2936-4 (SW 4)
	Interchangeable blade	FS2047 (T15IP)	FS2048 (T20IP)
	ISO 2936-10 key	ISO2936-10 (SW 10)	ISO2936-10 (SW 10)
	Screwdriver	FS1485 (T15IP)	FS1486 (T20IP)
	ISO 2936-14 key	ISO2936-14 (SW 14)	ISO2936-14 (SW 14)
	Torque screwdriver, analogue	FS2003	
	Torque screwdriver, digital	FS2248	

Double-edged boring tool

B5560 mm

Walter Boring XT

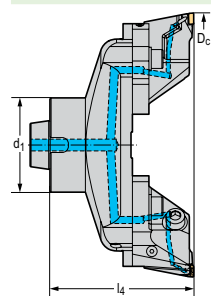
- Symmetrical, asymmetrical and axial-radial offset rough boring (ARS)
- Basic body/bridge can also be used with B5120



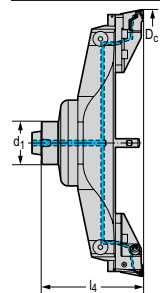
D _c 148- 620	Z=2	κ=90°

	P	M	K	N	S	H	O
B5560	●	●	●	●	●	●	●

Tool



Modular NCT adaptor



Modular NCT adaptor

Designation	D _c mm	d ₁	l ₄ mm	kg	Type
B5560-148-200-N8-P400	148-200	NCT 80	122	6,5	P4160-2R ..
B5560-198-250-N8-P400	198-250	NCT 80	122	7,7	
B5560-248-300-N8-P400	248-300	NCT 80	122	8,8	
B5560-298-380-N8-P400	298-380	NCT 80	179	15	P4160-2R ..
B5560-378-460-N8-P400	378-460	NCT 80	184	16,8	
B5560-458-540-N8-P400	458-540	NCT 80	189	18,7	
B5560-538-620-N8-P400	538-620	NCT 80	194	21,1	

Bodies and assembly parts are included in the scope of delivery

Assembly parts

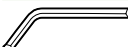
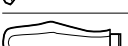
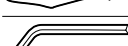
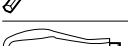
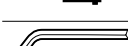
Type	P4160-2R ..
Wedge set	FK398
Clamping screw	FS2662 (SW 8)
Clamping screw for indexable insert	FS2079 (T9IP) 2 Nm
Circlip	FS2663
Washer	FS2647
Coolant screw	FS2671 (SW 2.5)
Adjustment set	FS2653 (SW 3)
Stud	FS2654
Disc spring	FS2650



B 2

Basic body		Bridge	Slider	Cartridge
	B5120-148-000-N8-B		EB723	EB728.P400
	B5120-198-000-N8-B		EB723	EB728.P400
	B5120-248-000-N8-B		EB723	EB728.P400
	B5120-298-000-N8-B	EB731	EB724	EB728.P400
	B5120-298-000-N8-B	EB732	EB724	EB728.P400
	B5120-298-000-N8-B	EB733	EB724	EB728.P400
	B5120-298-000-N8-B	EB734	EB724	EB728.P400

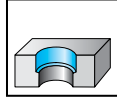
Accessories

	Type	P4160-2R ..
	ISO 2936-2,5 key	ISO2936-2,5 (SW 2,5)
	ISO 2936-3 key	ISO2936-3 (SW 3)
	ISO 2936-8 key	ISO2936-8 (SW 8)
	Torque screwdriver, analogue	FS2003
	ISO 2936-4 key	ISO2936-4 (SW 4)
	Torque screwdriver, digital	FS2248
	Interchangeable blade	FS2013 (T9IP)
	ISO 2936-10 key	ISO2936-10 (SW 10)
	Screwdriver	FS1484 (T9IP)
	ISO 2936-14 key	ISO2936-14 (SW 14)

Double-edged boring tool

B3221 / B3220

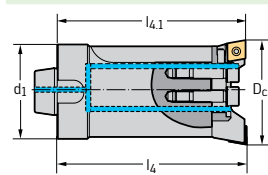
Walter Boring MEDIUM



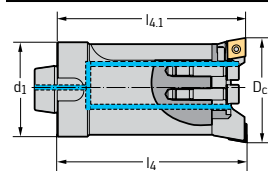
D_c 20-41	$\kappa=90^\circ$	$Z=2$

	P	M	K	N	S	H	O
B3221	●●	●●	●●	●●	●●		
B3220	●●	●●	●●	●●	●●		

Tool



Modular NCT adaptor

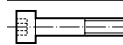


Modular NCT adaptor

Designation	D_c mm	d_1	l_4 mm	$l_{4.1}$ mm	kg	Type
B3221.N2.020-024.Z2.CC06	20-24	NCT 25	80		0,1	CC .. 0602 ..
B3221.N2.023-027.Z2.CC06	23-27	NCT 25	80		0,2	
B3221.N2.026-033.Z2.CC06	26-33	NCT 25	80		0,2	
B3220.N3.033-041.Z2.CC06	33-41	NCT 32	80	80,2	0,4	CC .. 0602 ..

Bodies and assembly parts are included in the scope of delivery

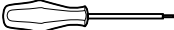
Assembly parts

Type	CC .. 0602 ..
 Conical spring washer for cartridge	FS1098
 Clamping screw for indexable insert	FS923 (T8) 0,8 Nm
 Clamping screw for cartridge	FS1093 (SW 3) 4 Nm
 Adjusting screw for cartridge	FS1103 (SW 1,3)
 Drive pin	FK311
 Clamping screw for drive pin	FS502 (SW 2)



Basic body		Cartridge
	B3221G.N2.020-027.Z2	EB401.CC06
	B3221G.N2.020-027.Z2	EB402.CC06
	B3221G.N2.026-035.Z2	EB403.CC06
	B3220G.N3.033-044.Z2	EB205-206.CC06

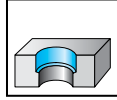
B 2

Accessories		
	Type	CC .. 0602 ..
	Screwdriver	FS230 (T8)
	ISO 2936-1,3 key	ISO2936-1,3 (SW 1,3)
	ISO 2936-1,5 key	ISO2936-1,5 (SW 1,5)
	ISO 2936-3 key	ISO2936-3 (SW 3)
	ISO 2936-4 key	ISO2936-4 (SW 4)
	ARS cartridge	EB401-1.CC06 (ARS)

Double-edged boring tool

B3220

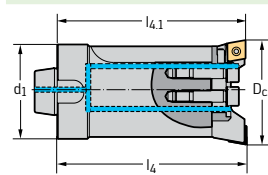
Walter Boring MEDIUM



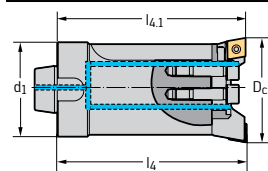
D_c 41-153	$\kappa=90^\circ$	$Z=2$

	P	M	K	N	S	H	O
B3220	●	●	●	●	●		

Tool



Modular NCT adaptor

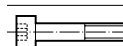


Modular NCT adaptor

Designation	D_c mm	d_1	l_4 mm	$l_{4.1}$ mm	kg	Type
B3220.N4.041-055.Z2.CC09	41-55	NCT 40	80	80,3	0,6	CC .. 09T3 ..
B3220.N5.055-070.Z2.CC09	55-70	NCT 50	100	100,3	1,1	
B3220.N6.070-090.Z2.CC12	70-90	NCT 63	100	100,3	1,8	CC .. 1204 ..
B3220.N8.090-110.Z2.CC12	90-110	NCT 80	100	100,3	2,9	
B3220.N8.110-133.Z2.CC12	110-133	NCT 80	100	100,3	3,4	
B3220.N8.130-153.Z2.CC12	130-153	NCT 80	100	100,3	3,6	

Bodies and assembly parts are included in the scope of delivery

Assembly parts

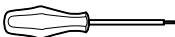
Type	CC .. 09T3 ..	CC .. 1204 ..
	FS1100	FS1101
	FS359 (T15) 2,5 Nm	FS1030 (T20) 5 Nm
	FS1095 (SW 4) 12 Nm	FS1096 (SW 6) 30 Nm
	FS1106 (SW 2)	FS1107 (SW 2,5)
	FK313	
	FS504 (SW 2,5)	



B 2

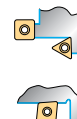
Basic body		Cartridge
	B3220G.N4.041-056.Z2	EB207-208.CC09
	B3220G.N5.055-073.Z2	EB209-210.CC09
	B3220G.N6.070-093.Z2	EB211-212.CC12
	B3220G.N8.090-113.Z2	EB213-214.CC12
	B3220G.N8.110-153.Z2	EB215.CC12
	B3220G.N8.110-153.Z2	EB216.CC12

Accessories

Type	CC .. 09T3 ..	CC .. 1204 ..
 Screwdriver	FS229 (T15)	FS228 (T20)
 ISO 2936-2 key	ISO2936-2 (SW 2)	
 ISO 2936-2,5 key		ISO2936-2,5 (SW 2,5)
 ISO 2936-5 key	ISO2936-5 (SW 5)	
 ISO 2936-6 key		ISO2936-6 (SW 6)
 ARS cartridge	EB207-208-1.CC09 (ARS)	
 ISO 2936-8 key		ISO2936-8 (SW 8)
 ARS cartridge		EB211-212-1.CC12 (ARS)

ISO cartridges

Machining



Approach angle	45°	45°	75°	75°	90°



Designation

PSSN...CA

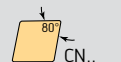
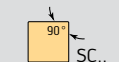
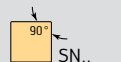
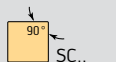
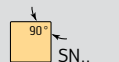
SSSC-09...CA

PSKN...CA

SSKC-09...CA

PCFN...CA

Indexable insert types



Insert size l [mm]

12

9

9–15

9

12

Clamping system

Lever-type

Screw

Lever-type

Screw

Lever-type

Adjustment accuracy [mm]

D _{c min} [mm]	50	40	40 / 50 / 60 / 70	40	50

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QR code


www.walter-tools.com/woc/

PSSN-CA

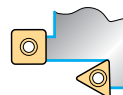
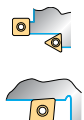
SSSC-09-CA

PSKN-CA

SSKC-09-CA

PCFN-CA

Machining



Approach angle	90°	90°	90°	90°	90°



Designation

PTFC...CA

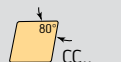
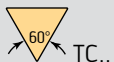
PTFN...CA

SCFC...CA

STFC...CA

SWFC...CA

Indexable insert types



Insert size l [mm]

16

16

9–12

9–11

6

Clamping system

Lever-type

Lever-type

Screw

Screw

Screw

Adjustment accuracy [mm]

D _{c min} [mm]	50	50	40 / 50	25 / 40	40

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QR code


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PTFC-CA

PTFN-CA

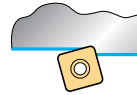
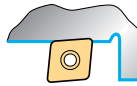
SCFC-CA

STFC-CA

SWFC-CA

ISO cartridges

Machining



Approach angle	95°	95°	105°

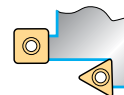


Designation	PCLN...CA	SCLC...CA	SSRC-12...CA
Indexable insert types	 80° CN..	 80° CC..	 90° SC..
Insert size l [mm]	12-16	9-12	9
Clamping system	Lever-type	Screw	Screw
Adjustment accuracy [mm]			
D _{c min} [mm]	50 / 60 / 70	40 / 50	40
Page in catalogue	B 585	B 589	B 590
QR code			
www.walter-tools.com/woc/	PCLN-CA	SCLC-CA	SSRC-12-CA

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Walter mini cartridges

Machining



Approach angle	15°	30°	45°	45°	60°



Designation

FR701

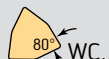
FR675

FR/FL 673

FR699

FR674

Indexable insert types



Insert size l [mm]

11

11

11

Clamping system

Screw

Screw

Screw

Screw

Screw

Adjustment accuracy [mm]

D _{c min} [mm]	20	20	20	20 / 25	20

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QR code


www.walter-tools.com/woc/

FR701

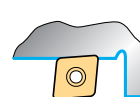
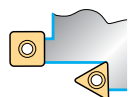
FR675

FR-FL-673

FR699

FR674

Machining



Approach angle	60°	75°	75°	90°	90°



Designation

FR698

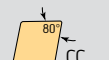
FR/FL 707

FR697

FR/FL 671

FR/FL 672

Indexable insert types



Insert size l [mm]

11

6

11

Clamping system

Screw

Screw

Screw

Screw

Screw

Adjustment accuracy [mm]

D _{c min} [mm]	20	20	20	14,5 / 20	20

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QR code


www.walter-tools.com/woc/

FR698

FR-FL-707

FR697

FR-FL-671

FR-FL-672

Walter mini cartridges

Machining

Approach angle



Designation	FR680
Indexable insert types	
Insert size l [mm]	4
Clamping system	Screw
Adjustment accuracy [mm]	
D _{c min} [mm]	20
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QR code

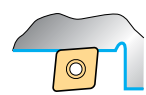
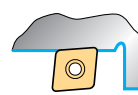
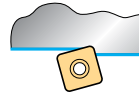


www.walter-tools.com/woc/	FR680

B 2

Walter precision boring cartridges

Machining



Approach angle

90°

90°

90°

90°

95°



Designation

FR/FL 709

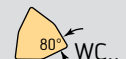
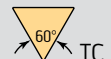
FR/FL 710

FR760

FR761

FR/FL 711

Indexable insert types



Insert size l [mm]

11

6

11

6

4

Clamping system

Screw

Screw

Screw

Screw

Screw

Adjustment accuracy [mm]

0,01

0,01

0,002

0,002

0,01

D_{c min} [mm]

36

28

28

28

28

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www.walter-tools.com/woc/

FR-FL-709

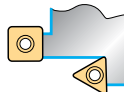
FR-FL-710

FR760

FR761

FR-FL-711

Machining



Approach angle

95°

95°



Designation

FR/FL 717

FR763

Indexable insert types



Insert size l [mm]

6

6

Clamping system

Screw

Screw

Adjustment accuracy [mm]

0,01

0,002

D_{c min} [mm]

28

28

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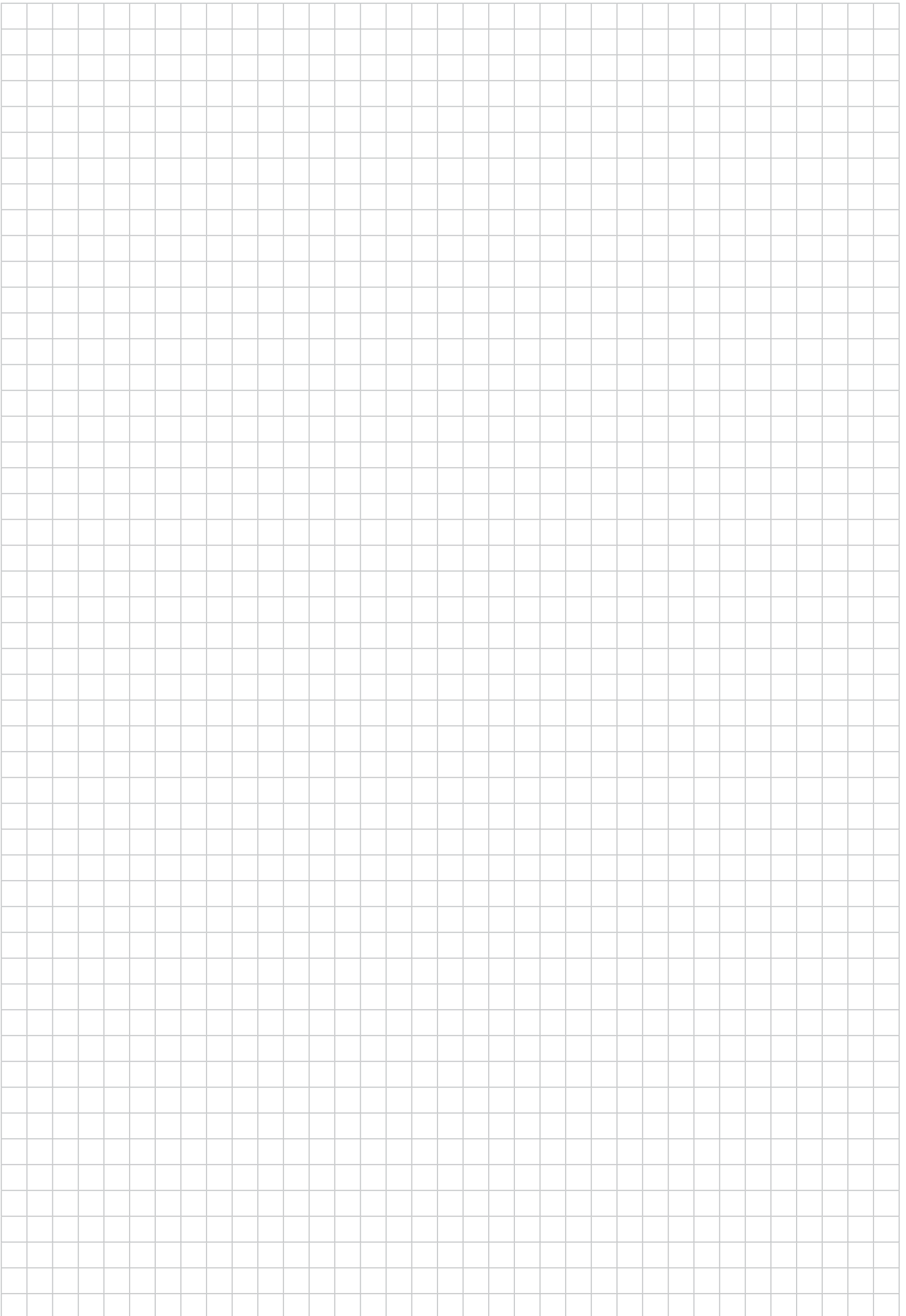
B 602

QR code


www.walter-tools.com/woc/

FR-FL-717

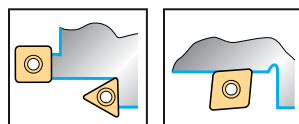
FR763



B 2

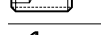
ISO cartridge

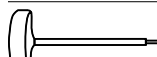
PCFN...CA



Tool													
Designation	h_1 mm	b mm	D_{cmin} mm	d_8 mm	l_{13} mm	f mm	h mm	l_1 mm	l_5 mm	t mm	Type		
PCFNR12CA-12	12	13,3	50	7	20	20	20	47	32	6	CN .. 1204 ..		

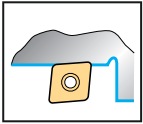
Bodies and assembly parts are included in the scope of delivery

Assembly parts			CN .. 1204 .. 12	
	Lever		KN109	
	Clamping screw for indexable insert		FS332 (SW 2,5)	
	Tightening torque		2,5 Nm	
	Adjusting screw, axial		FS335	
	Adjusting screw, radial		FS334 (SW 2)	
	Fastening screw		FS977 (T30)	

Accessories			CN .. 1204 .. 12	
	ISO 2936 key		ISO2936-2,5 (SW 2,5)	
	Handle key		FS1175 (T30)	

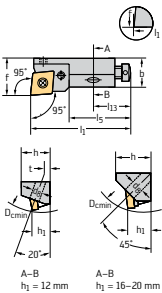
ISO cartridge

PCLN...CA



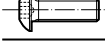
Tool

Designation	h_1 mm	b mm	D_{cmin} mm	d_8 mm	l_{13} mm	f mm	h mm	l_1 mm	l_5 mm	t mm	Type
PCLNL12CA-12	12	16	50	7	20	20	20	55	28	6	CN .. 1204 ..
PCLNL16CA-12	16	20	60	9	25	25	25	63	35	0	
PCLNL20CA-16	20	20	70	9	30	25	30	70	40	0	CN .. 1606 ..
PCLNR12CA-12	12	16	50	7	20	20	20	55	28	6	CN .. 1204 ..
PCLNR16CA-12	16	20	60	9	25	25	25	63	35	0	CN .. 1606 ..
PCLNR20CA-16	20	20	70	9	30	25	30	70	40	0	

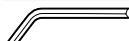
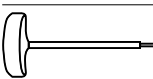


Bodies and assembly parts are included in the scope of delivery

Assembly parts

Type h_1 [mm]	CN .. 1204 .. 12	CN .. 1204 .. 16	CN .. 1606 .. 20
 Shim		AP134-CN1216	AP135-CN1624
 Lever	KN109	KN121	KN104
 Clamping screw for indexable insert Tightening torque	FS332 (SW 2,5) 2,5 Nm	FS2129 (SW 3) 5 Nm	FS354 (SW 3) 5 Nm
 Shim pin		RS102	RS103
 Tapered assembly pin		MD101	MD102
 Adjusting screw, axial	FS335	FS338	FS339
 Adjusting screw, radial	FS334 (SW 2)	FS337 (SW 2,5)	FS337 (SW 2,5)
 Fastening screw	FS977 (T30)	FS975 (T40)	FS975 (T40)

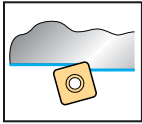
Accessories

Type h_1 [mm]	CN .. 1204 .. 12	CN .. 1204 ..-CN .. 1606 .. 16-20
 ISO 2936 key	ISO2936-2,5 (SW 2,5)	ISO2936-3 (SW 3)
 Handle key	FS1175 (T30)	FS1176 (T40)

**WALTER
SELECT**

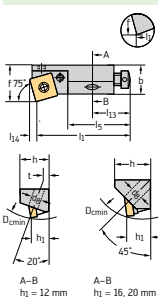
●● Primary application ● Other application
Best tool for → Good = 😊 → Average = 😐 → Poor = ☹️ machining conditions

ISO cartridge PSKN...CA



B2

Tool



Designation

Designation	h_1 mm	l_{14} mm	b mm	D_{cmin} mm	d_8 mm	l_{13} mm	f mm	h mm	l_1 mm	l_5 mm	t mm	Type
PSKNL12CA-12	12	3,1	16	50	7	20	20	20	55	32	6	SN .. 1204 ..
PSKNL16CA-12	16	3,1	20	60	9	25	25	25	63	37	0	
PSKNR10CA-09	10	2,2	10	40	7	20	14	15	44	17	5	SN .. 0903 ..
PSKNR12CA-12	12	3,1	16	50	7	20	20	20	55	32	6	SN .. 1204 ..
PSKNR16CA-12	16	3,1	20	60	9	25	25	25	63	37	0	SN .. 1506 ..
PSKNR20CA-15	20	3,8	20	70	9	30	25	30	70	40	0	

Bodies and assembly parts are included in the scope of delivery

Assembly parts

	Type h_1 [mm]	SN .. 0903 .. 10	SN .. 1204 .. 12	SN .. 1204 .. 16	SN .. 1506 .. 20
	Shim			AP141-SN1216	AP142-SN1524
	Lever	KN126	KN109	KN121	KN104
	Clamping screw for indexable insert Tightening torque	FS2182 (SW 2) 2 Nm	FS332 (SW 2,5) 2,5 Nm	FS2129 (SW 3) 5 Nm	FS354 (SW 3) 5 Nm
	Shim pin			RS102	RS103
	Tapered assembly pin			MD101	MD102
	Adjusting screw, axial	FS335	FS335	FS338	FS339
	Adjusting screw, radial	FS333 (SW 2)	FS333 (SW 2)	FS337 (SW 2,5)	FS337 (SW 2,5)
	Fastening screw	FS976 (T30)	FS977 (T30)	FS975 (T40)	FS975 (T40)

Accessories

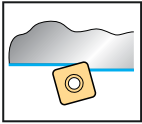
	Type h_1 [mm]	SN .. 0903 .. 10	SN .. 1204 .. 12	SN .. 1204 ..-SN .. 1506 .. 16-20
	ISO 2936 key	ISO2936-2 (SW 2)	ISO2936-2,5 (SW 2,5)	ISO2936-3 (SW 3)
	Handle key	FS1175 (T30)	FS1175 (T30)	FS1176 (T40)

WALTER
SELECT

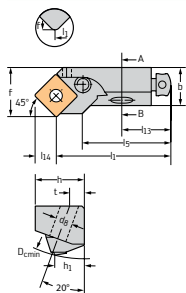
●● Primary application ● Other application
Best tool for → Good = 😊 → Average = 😐 → Poor = 😞 machining conditions

ISO cartridge

PSSN...CA



Tool

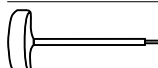
	Designation	h ₁ mm	l ₁₄ mm	b mm	D _{Cmin} mm	d ₈ mm	l ₁₃ mm	f mm	h mm	l ₁ mm	l ₅ mm	t mm	Type
	PSSNR12CA-12	12	8,3	15,5	50	7	20	20	20	38	30	6	SN .. 1204 ..

Bodies and assembly parts are included in the scope of delivery

Assembly parts

	Type h ₁ [mm]	SN .. 1204 .. 12
	Lever	KN109
	Clamping screw for indexable insert Tightening torque	FS332 (SW 2,5) 2,5 Nm
	Adjusting screw, axial	FS335
	Adjusting screw, radial	FS333 (SW 2)
	Fastening screw	FS977 (T30)

Accessories

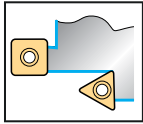
	Type h ₁ [mm]	SN .. 1204 .. 12
	ISO 2936 key	ISO2936-2,5 (SW 2,5)
	Handle key	FS1175 (T30)

**WALTER
SELECT**

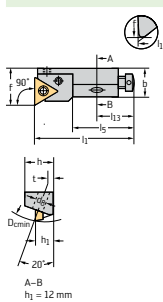
● ● Primary application ● Other application
Best tool for → Good = 😊 → Average = 😐 → Poor = 😞 machining conditions

ISO cartridge

PTFN...CA



Tool



Designation

PTFNL12CA-16

PTFNR12CA-16

 h_1
mm

 b
mm

 D_{cmin}
mm

 d_8
mm

 l_{13}
mm

 f
mm

 h
mm

 l_1
mm

 l_5
mm

 t
mm

Type

TN .. 1604 ..

Bodies and assembly parts are included in the scope of delivery

Assembly parts

Type
 h_1 [mm]

TN .. 1604 ..
12


Lever

KN108


Clamping screw for indexable insert
Tightening torque

FS331 (SW 2)
2 Nm

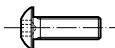

Adjusting screw, axial

FS335



Adjusting screw, radial

FS333 (SW 2)



Fastening screw

FS977 (T30)

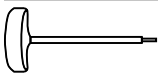
Accessories

Type
 h_1 [mm]

TN .. 1604 ..
12


ISO 2936 key

ISO2936-2 (SW 2)

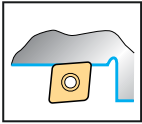


Handle key

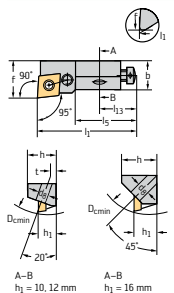
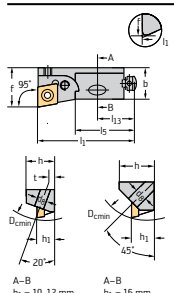
FS1175 (T30)

ISO cartridge

SCLC...CA / SCFC...CA

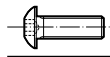


Tool

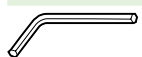
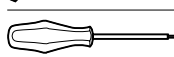
	Designation	h_1 mm	b mm	D_{cmin} mm	d_8 mm	l_{13} mm	f mm	h mm	l_1 mm	l_5 mm	t mm	Type
	SCLCL10CA-09	10	11	40	7	20	14	15	50	33	5	CC .. 09T3 ..
	SCLCR10CA-09	10	11	40	7	20	14	15	50	33	5	
	SCLCR12CA-12	12	16	50	7	20	20	20	55	32	6	CC .. 1204 ..
	SCFCL10CA-09	10	11	40	7	20	14	15	50	33	5	CC .. 09T3 ..
	SCFCL12CA-12	12	16	50	7	20	20	20	55	32	6	CC .. 1204 ..
	SCFCR10CA-09	10	11	40	7	20	14	15	50	33	5	CC .. 09T3 ..
	SCFCR12CA-12	12	16	50	7	20	20	20	55	32	6	CC .. 1204 ..

Bodies and assembly parts are included in the scope of delivery

Assembly parts

	Type h_1 [mm]	CC .. 09T3 .. 10	CC .. 1204 .. 12
	Clamping screw for indexable insert Tightening torque	FS359 (T15) 2,5 Nm	FS1029 (T20) 5 Nm
	Adjusting screw, axial	FS335	FS335
	Adjusting screw, radial	FS369 (SW 2)	FS334 (SW 2)
	Fastening screw	FS976 (T30)	FS976 (T30)

Accessories

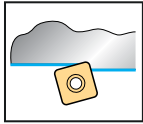
	Type h_1 [mm]	CC .. 09T3 .. 10	CC .. 1204 .. 12
	ISO 2936 key	ISO2936-2 (SW 2)	ISO2936-2 (SW 2)
	Screwdriver	FS229 (T15)	FS228 (T20)

**WALTER
SELECT**

● ● Primary application ● Other application
Best tool for → Good = 😊 → Average = 😐 → Poor = 😞 machining conditions

ISO cartridges

SSRC-12...CA / SSKC-09...CA



B2

Tool

Designation	h_1 mm	l_{14} mm	b mm	D_{cmin} mm	d_8 mm	l_{13} mm	f mm	h mm	l_1 mm	l_5 mm	t mm	Type
SSRCR10CA-09	10		11	40	7	20	14	15	50	33	5	SC .. 09T3 ..
SSKCR10CA-09	10	2,2	11	40	7	20	14	15	50	33	5	SC .. 09T3 ..

Bodies and assembly parts are included in the scope of delivery

Assembly parts

Type	Type	SC .. 09T3 ..
h_1 [mm]		10
	Clamping screw for indexable insert Tightening torque	FS359 (T15) 2,5 Nm
	Adjusting screw, radial	FS369 (SW 2)
	Adjusting screw, axial	FS335

Accessories

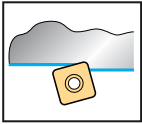
Type	Type	SC .. 09T3 ..
h_1 [mm]		10
	ISO 7380 screw	FS976 (T30)
	Screwdriver	FS229 (T15)

WALTER
SELECT

●● Primary application ● Other application
 Best tool for → Good = 😊 → Average = 😐 → Poor = ☹️ machining conditions

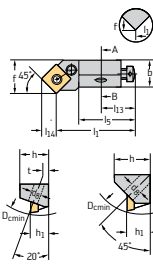
ISO cartridge

SSSC-09...CA

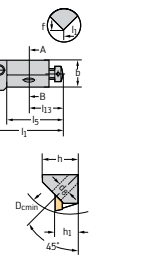


Tool

Designation	h_1 mm	l_{14} mm	b mm	D_{Cmin} mm	d_8 mm	l_{13} mm	f mm	h mm	l_1 mm	l_5 mm	t mm	Type
SSSCR10CA-09	10	6,1	11	40	7	20	14	15	44	33	5	SC .. 09T3 ..



A-B
 $h_1 = 12$ mm



A-B
 $h_1 = 16$ mm

Bodies and assembly parts are included in the scope of delivery

Assembly parts

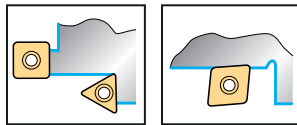
Type h_1 [mm]	SC .. 09T3 .. 10
 Adjusting screw, radial	FS369 (SW 2)
 Adjusting screw, axial	FS335
 Clamping screw for indexable insert Tightening torque	FS359 (T15) 2,5 Nm

Accessories

Type h_1 [mm]	SC .. 09T3 .. 10
 ISO 7380 screw	FS976 (T30)
 Screwdriver	FS229 (T15)

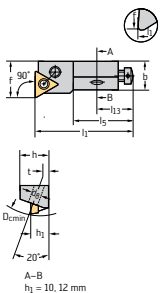
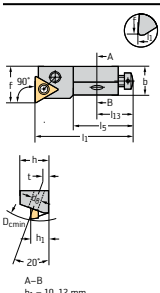
ISO cartridge

PTFC...CA / STFC...CA



B2

Tool

	Designation	h_1 mm	b mm	D_{cmin} mm	d_8 mm	l_{13} mm	f mm	h mm	l_1 mm	l_5 mm	t mm	Type
	PTFCL12CA-16	12	16	50	7	20	20	20	55	34	6	TC .. 16T3 ..
	PTFCR12CA-16	12	16	50	7	20	20	20	55	34	6	
	STFCR08CA-09	8	6,6	25	4,5	17	10	9,4	32	22	4,5	TC .. 0902 ..
	STFCR10CA-11	10	11	40	7	20	14	15	50	33	5	TC .. 1102 ..

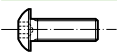
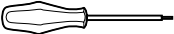
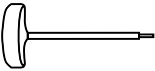
Bodies and assembly parts are included in the scope of delivery

Assembly parts

	Type h_1 [mm]	TC .. 0902 .. 8	TC .. 1102 .. 10	TC .. 16T3 .. 12
	Lever			KN115
	Clamping screw for indexable insert Tightening torque	FS2149 (T7IP) 0,9 Nm	FS375 (T7) 0,8 Nm	
	Clamping screw for indexable insert			FS346 (SW 2)
	Adjusting screw, axial	FS1023		
	Adjusting screw, radial	FS493 (SW 1,5)	FS369 (SW 2)	FS333 (SW 2)
	Adjusting screw, axial		FS335	FS335
	Fastening screw	FS2106 (T15IP)	FS976 (T30)	

WALTER
SELECT

●● Primary application ● Other application
Best tool for → Good = 😊 → Average = 😐 → Poor = 😞 machining conditions

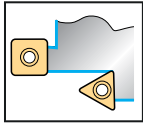
Accessories		TC .. 0902 .. 8	TC .. 1102 .. 10	TC .. 16T3 .. 12
	Type h ₁ [mm] ISO 7380 screw			FS977 (T30)
	Screwdriver	FS2088 (T7IP)	FS309 (T7)	
	Handle key	FS1485 (T15IP)	FS1175 (T30)	
	ISO 2938 key			ISO2936-2 (SW 2)

B 2

**WALTER
SELECT**

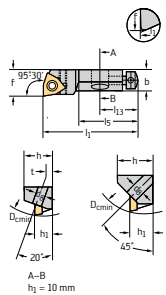
●● Primary application ● Other application
Best tool for → Good = 😊 → Average = 😐 → Poor = ☹️ machining conditions

ISO cartridge SWFC...CA



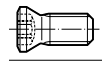
B2

Tool

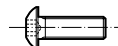
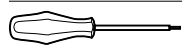
	Designation	h ₁ mm	b mm	D _{Cmin} mm	d ₈ mm	l ₁₃ mm	f mm	h mm	l ₁ mm	l ₅ mm	t mm	Type
 SWFC10CA-06		10	11	40	7	20	14	15	50	33	5	WC .. 06T3 ..

Bodies and assembly parts are included in the scope of delivery

Assembly parts

	Type h ₁ [mm]	WC .. 06T3 .. 10
	Clamping screw for indexable insert Tightening torque	FS359 (T15) 2,5 Nm
	Adjusting screw, radial	FS369 (SW 2)
	Adjusting screw, axial	FS335

Accessories

	Type h ₁ [mm]	WC .. 06T3 .. 10
	ISO 7380 screw	FS976 (T30)
	Screwdriver	FS229 (T15)

WALTER
SELECT

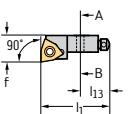
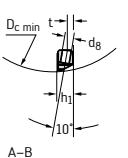
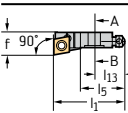
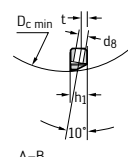
●● Primary application ● Other application
 Best tool for → Good = 😊 → Average = 😐 → Poor = ☹️ machining conditions

Mini cartridge

FR680 / FR/FL 671

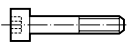


Tool

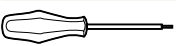
	Designation	h_1 mm	b mm	D_{cmin} mm	d_8 mm	l_{13} mm	f mm	h mm	l_1 mm	l_5 mm	t mm	Type
  A-B	FR680		20	9,7	3,4	6	25		10,5	15,5	2,3	WC .. 0402 ..
	FL671		20	9,7	3,4	6	25		10,5		2,3	WC .. 06T3 ..
	FR670		14,5	8	3,4	6	25		10,5		2,3	CP .. 0502 ..
	FR671		20	9,7	3,4	6	25		10,5		2,3	WC .. 06T3 ..
  A-B												

Bodies and assembly parts are included in the scope of delivery

Assembly parts

	Type h_1 [mm]	CP .. 0502 .. 6	WC .. 0402 ..–WC .. 06T3 .. 6
	Clamping screw for indexable insert Tightening torque	FS1020 (T7) 0,6 Nm	FS924 (T8) 0,8 Nm
	Adjusting screw, radial	FS493 (SW 1,5)	FS493 (SW 1,5)
	Adjusting screw, axial	FS1023	FS1023
	Fastening screw	FS1024 (SW 2)	FS1024 (SW 2)

Accessories

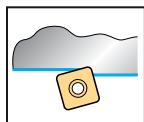
	Type h_1 [mm]	CP .. 0502 .. 6	WC .. 0402 ..–WC .. 06T3 .. 6
	Screwdriver	FS309 (T7)	FS230 (T8)

**WALTER
SELECT**

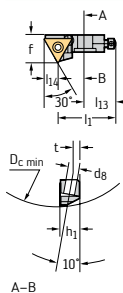
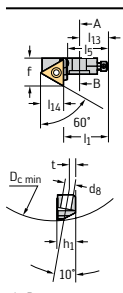
●● Primary application ● Other application
Best tool for → Good = 😊 → Average = 😐 → Poor = 😞 machining conditions

Mini cartridge

FR675 / FR/FL 673 / FR674



B2

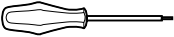
Tool	Designation	l ₁₄ mm	D _{Cmin} mm	f mm	d ₈ mm	h ₁ mm	l ₁ mm	l ₁₃ mm	t mm	Type
	FR675	5,2	20	10,8	4,5	8	28	12	3,2	TC .. 1102 ..
	FL673	7,4	20	10,8	4,5	8	28	12	3,2	TC .. 1102 ..
	FR673	7,4	20	10,8	4,5	8	28	12	3,2	
	FR674	9,1	20	11	4,5	8	28	12	3,2	TC .. 1102 ..

Bodies and assembly parts are included in the scope of delivery

Assembly parts		Type h ₁ [mm]	TC .. 1102 .. 8
	Clamping screw for indexable insert Tightening torque		FS375 (T7) 0,8 Nm
	Adjusting screw, radial		FS494 (SW 1,5)
	Adjusting screw, axial		FS1023
	Fastening screw		FS2106 (T15IP)

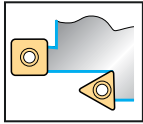
**WALTER
SELECT**

● ● Primary application ● Other application
Best tool for → Good = 😊 → Average = 😐 → Poor = 😞 machining conditions

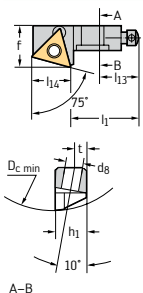
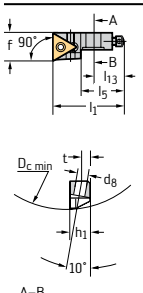
Accessories		Type h ₁ [mm]	TC .. 1102 .. 8
		Screwdriver	FS309 (T7)

B 2

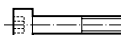
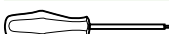
Mini cartridge FR/FL 707 / FR/FL 672



B2

Tool	Designation	l ₁₄ mm	D _{Cmin} mm	f mm	d ₈ mm	h ₁ mm	l ₁ mm	l ₁₃ mm	t mm	Type
	FR707	10,1	20	11	4,5	8	28	12	3,2	TC .. 1102 ..
	FL672		20	11	4,5	8	28	12	3,2	TC .. 1102 ..
	FR672		20	11	4,5	8	28	12	3,2	

Bodies and assembly parts are included in the scope of delivery

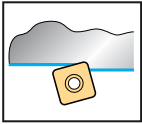
Assembly parts		Type h ₁ [mm]	TC .. 1102 .. 8
	Clamping screw for indexable insert Tightening torque		FS375 (T7) 0,8 Nm
	Adjusting screw, radial		FS494 (SW 1,5)
	Adjusting screw, axial		FS1023
	Fastening screw		FS2106 (T15IP)
Accessories		Type h ₁ [mm]	TC .. 1102 .. 8
	Screwdriver		FS309 (T7)

WALTER
SELECT

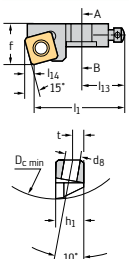
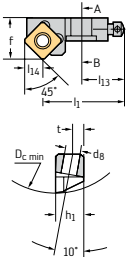
●● Primary application ● Other application
Best tool for → Good = 😊 → Average = 😐 → Poor = ☹️ machining conditions

Mini cartridge

FR701 / FR699

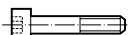


Tool

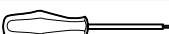
	Designation	l ₁₄ mm	D _{c min} mm	f mm	d ₈ mm	h ₁ mm	l ₁ mm	l ₁₃ mm	t mm	Type
	FR701	1,4	20	9,7	3,4	6	25	10,5	2,3	P284 . S-1N- ..
	FL704	4,6	25	11,5	4,5	8	28	12	3,2	P284 . S-2N- ..
	FR699	3,7	20	9,7	3,4	6	25	10,5	2,3	P284 . S-1N- ..

Bodies and assembly parts are included in the scope of delivery

Assembly parts

	Type h ₁ [mm]	P284 . S-1N- .. 6	P284 . S-2N- .. 8
	Clamping screw for indexable insert Tightening torque	FS924 (T8) 0,8 Nm	FS1005 (T8) 1,5 Nm
	Adjusting screw, radial	FS493 (SW 1,5)	FS494 (SW 1,5)
	Adjusting screw, axial	FS1023	FS1023
	Fastening screw	FS1024 (SW 2)	FS2106 (T15IP)

Accessories

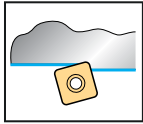
	Type h ₁ [mm]	P284 . S-1N- ..-P284 . S-2N- .. 6-8
	Screwdriver	FS230 (T8)

**WALTER
SELECT**

● ● Primary application ● Other application
Best tool for → Good = 😊 → Average = 😐 → Poor = 😞 machining conditions

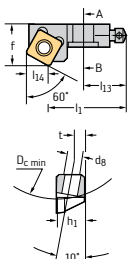
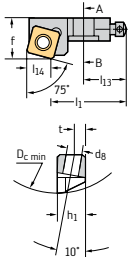
Mini cartridge

FR698 / FR697



B2

Tool

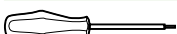
	Designation	l ₁₄ mm	D _{Cmin} mm	f mm	d ₈ mm	h ₁ mm	l ₁ mm	l ₁₃ mm	t mm	Type
 A-B	FR698	4,8	20	9,7	3,4	6	25	10,5	2,3	P284 . S-1N- ..
 A-B	FR697	5,5	20	9,7	3,4	6	25	10,5	2,3	P284 . S-1N- ..

Bodies and assembly parts are included in the scope of delivery

Assembly parts

	Type h ₁ [mm]	P284 . S-1N- .. 6
	Clamping screw for indexable insert Tightening torque	FS924 (T8) 0,8 Nm
	Adjusting screw, radial	FS493 (SW 1,5)
	Adjusting screw, axial	FS1023
	Fastening screw	FS1024 (SW 2)

Accessories

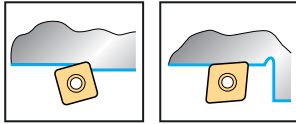
	Type h ₁ [mm]	P284 . S-1N- .. 6
	Screwdriver	FS230 (T8)

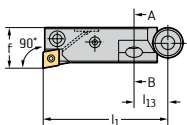
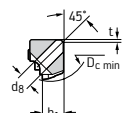
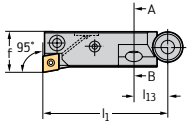
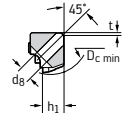
WALTER
SELECT

●● Primary application ● Other application
 Best tool for → Good = 😊 → Average = 😐 → Poor = ☹️ machining conditions

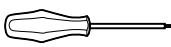
Precision boring cartridge

FR/FL 710 / FR/FL 717



Tool		D _{C min} mm	f mm	d _g mm	h ₁ mm	l ₁ mm	l ₁₃ mm	t mm	Type
  A-B	FL710	28	16	4,5	8,5	49,5	9,3	1	CC .. 0602 ..
	FR710	28	16	4,5	8,5	49,5	9,3	1	
  A-B	FL717	28	16	4,5	8,5	49,5	9,3	1	CC .. 0602 ..
	FR717	28	16	4,5	8,5	49,5	9,3	1	

Bodies and assembly parts are included in the scope of delivery

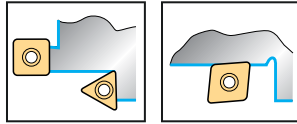
Assembly parts		Type h ₁ [mm]	CC .. 0602 .. 8,5
	Clamping screw for indexable insert Tightening torque		FS1129 (T8) 0,8 Nm
	Adjusting screw, axial		FS1355 (SW 3)
	Adjusting screw, radial		FS1356 (T8)
	Fastening screw		FS1354 (SW 4)
	Compression piece		FK369
Accessories		Type h ₁ [mm]	CC .. 0602 .. 8,5
	Screwdriver		FS230 (T8)

**WALTER
SELECT**

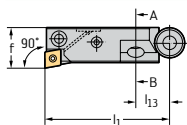
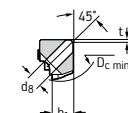
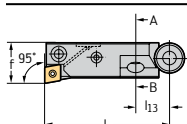
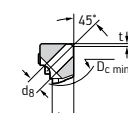
●● Primary application ● Other application
Best tool for → Good = 😊 → Average = 😐 → Poor = 😞 machining conditions

Precision boring cartridge

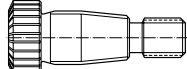
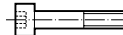
FR761 / FR763

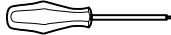


B2

Tool		D _{Cmin} mm	f mm	d _g mm	h ₁ mm	l ₁ mm	l ₁₃ mm	t mm	Type
 	FR761	28	16	5,5	8,5	49,5	13,5	1	CC .. 0602 ..
 	FR763	28	16	5,5	8,5	49,5	13,5	1	CC .. 0602 ..

Bodies and assembly parts are included in the scope of delivery

Assembly parts		Type h ₁ [mm]	CC .. 0602 .. 8,5
	Clamping screw for indexable insert Tightening torque		FS1129 (T8) 0,8 Nm
	Adjusting screw, radial		FS2565 (T8)
	Adjusting screw, axial		FS1355 (SW 3)
	Fastening screw		FS1354 (SW 4)
	Compression piece		FK369

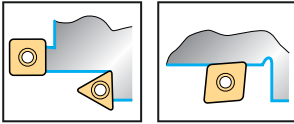
Accessories		Type h ₁ [mm]	CC .. 0602 .. 8,5
	Screwdriver		FS230 (T8)

WALTER
SELECT

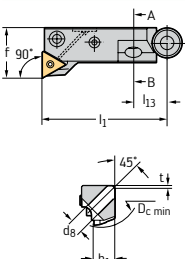
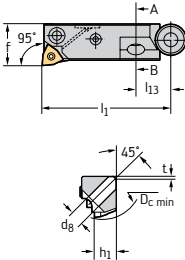
●● Primary application ● Other application
Best tool for → Good = 😊 → Average = 😐 → Poor = 😞 machining conditions

Precision boring cartridge

FR/FL 709 / FR/FL 711



Tool

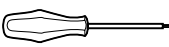
	Designation	D_{Cmin} mm	f mm	d_8 mm	h_1 mm	l_1 mm	l_{13} mm	t mm	Type
 A-B	FL709	36	20	4,5	8,5	49,5	9,3	1	TC .. 1102 ..
	FR709	36	20	4,5	8,5	49,5	9,3	1	
 A-B	FL711	28	16	4,5	8,5	49,5	9,3	1	WC .. 0402 ..
	FR711	28	16	4,5	8,5	49,5	9,3	1	

Bodies and assembly parts are included in the scope of delivery

Assembly parts

	Type h_1 [mm]	TC .. 1102 ..-WC .. 0402 .. 8,5
	Clamping screw for indexable insert Tightening torque	FS1129 (T8) 0,8 Nm
	Adjusting screw, axial	FS1355 (SW 3)
	Adjusting screw, radial	FS1356 (T8)
	Fastening screw	FS1354 (SW 4)
	Compression piece	FK369

Accessories

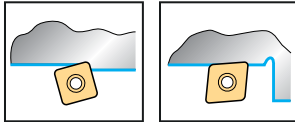
	Type h_1 [mm]	TC .. 1102 ..-WC .. 0402 .. 8,5
	Screwdriver	FS230 (T8)

**WALTER
SELECT**

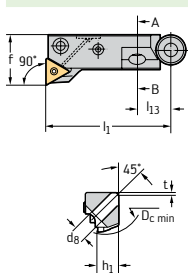
●● Primary application ● Other application
 Best tool for → Good = 😊 → Average = 😐 → Poor = ☹️ machining conditions

Precision boring cartridge

FR760



Tool



A-B

Designation

FR760

D_{Cmin}
mm

28

f
mm

20

d₈
mm

5,5

h₁
mm

8,5

l₁
mm

49,5

l₁₃
mm

13,5

t
mm

1

Type

TC .. 1102 ..

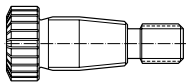
Bodies and assembly parts are included in the scope of delivery

Assembly parts

Type
h₁ [mm]

TC .. 1102 ..
8,5

Clamping screw for indexable insert
Tightening torque

FS1129 (T8)
0,8 Nm


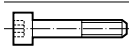
Adjusting screw, radial

FS2565 (T8)



Adjusting screw, axial

FS1355 (SW 3)



Fastening screw

FS1354 (SW 4)

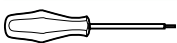


Compression piece

FK369

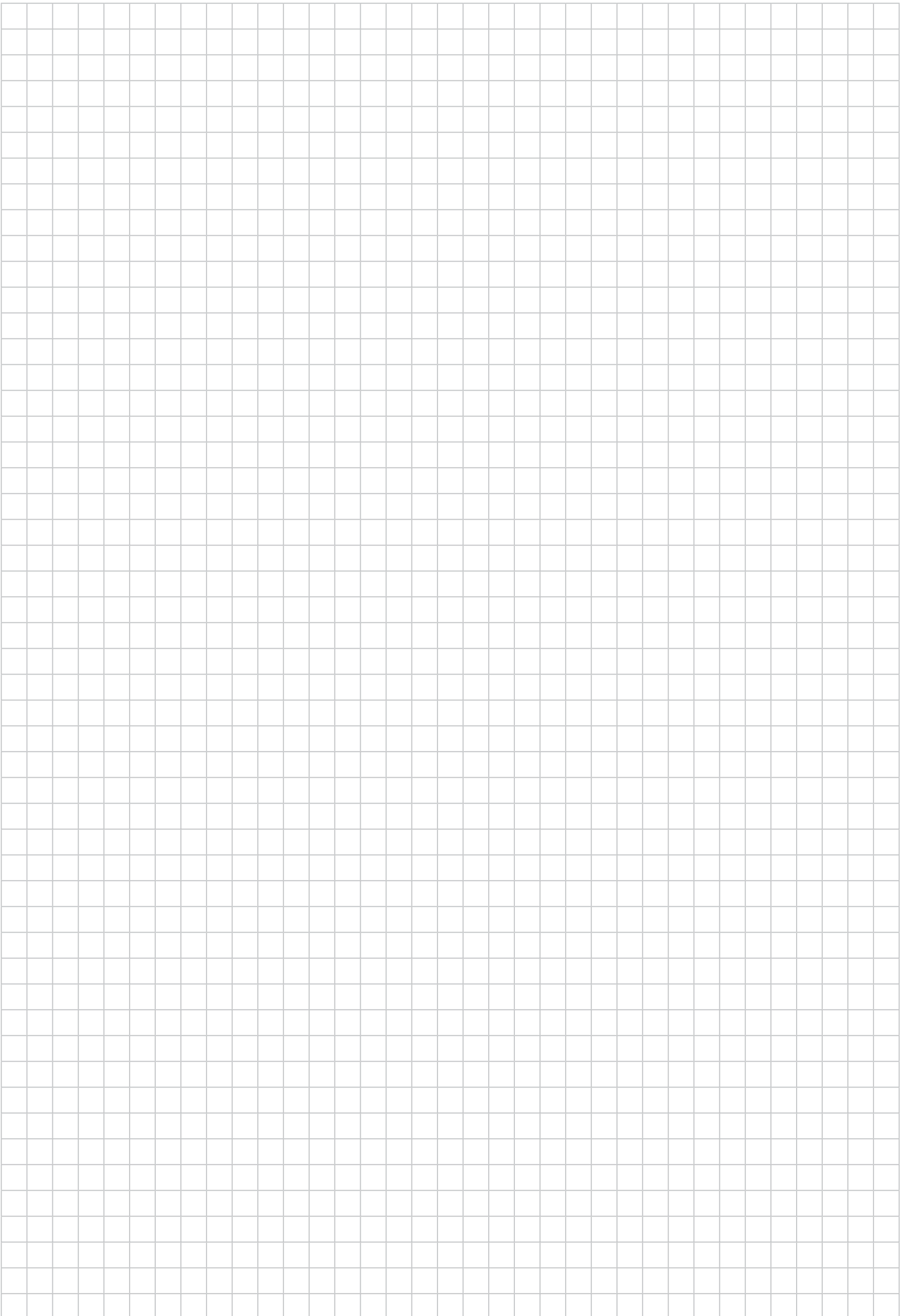
Accessories

Type
h₁ [mm]

TC .. 1102 ..
8,5


Screwdriver

FS230 (T8)



B 2

HSS countersink

B2



Drilling depth



Designation	E6819TIN	Z3711TIN	E6819	E7819	E6818

Additional services

Standard	DIN 335	DIN 335	DIN 335	DIN 335	DIN 334
Coating / grade	TIN		uncoated	uncoated	uncoated
Shank	Cylindrical shank		Cylindrical shank	Morse taper	Cylindrical shank
Diameter range [mm]	1,5–4,2	–	1,3–4,2	3,2–22	1,6–6,3
P Steel	●●		●●	●●	●●
M Stainless steel	●●		●●	●●	●●
K Cast iron	●●		●●	●●	●●
N NF metals	●●		●●	●●	●●
S Materials with difficult cutting properties	●		●	●	●
H Hard materials					
O Other	●●		●●	●●	●●

Page in catalogue	B 608	B 609	B 608	B 610	B 611

QR code


www.walter-tools.com/woc/

	E6819TIN	Z3711TIN	E6819	E7819	E6818

WALTER SELECT

●● Primary application ● Other application

HSS countersink



Drilling depth



Designation

E7818

Additional services

Standard

DIN 334

Coating / grade

uncoated

Shank

Morse taper

Diameter range [mm]

4–25

P Steel

● ●

M Stainless steel

● ●

K Cast iron

● ●

N NF metals

● ●

S Materials with difficult cutting properties

●

H Hard materials

O Other

● ●

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QR code



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E7818

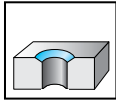
WALTER SELECT

● ● Primary application ● Other application

90° HSS countersinkers E6819TIN / E6819



– E6819TIN available as a set



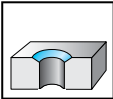
	P	M	K	N	S	H	O
TIN	●●	●●	●●	●●	●		●●
uncoated	●●	●●	●●	●●	●		●●

Tool		Designation	D _c mm	d ₃ mm	l ₁ mm	d ₁ mm
Cylindrical shank		E6819TIN-6	6	1,5	45	5
		E6819TIN-6.3	6,3	1,5	45	5
Cylindrical shank		E6819TIN-7	7	1,8	50	6
		E6819TIN-8	8	2	50	6
Cylindrical shank		E6819TIN-8.3	8,3	2	50	6
		E6819TIN-10	10	2,5	50	6
Cylindrical shank		E6819TIN-10.4	10,4	2,5	50	6
		E6819TIN-11.5	11,5	2,8	56	8
Cylindrical shank		E6819TIN-12.4	12,4	2,8	56	8
		E6819TIN-15	15	3,2	60	10
Cylindrical shank		E6819TIN-16.5	16,5	3,2	60	10
		E6819TIN-19	19	3,5	63	10
Cylindrical shank		E6819TIN-20.5	20,5	3,5	63	10
		E6819TIN-23	23	3,8	67	10
Cylindrical shank		E6819TIN-25	25	3,8	67	10
		E6819TIN-31	31	4,2	71	12
Cylindrical shank		E6819-4.3	4,3	1,3	40	4
		E6819-5	5	1,5	40	4
Cylindrical shank		E6819-5.3	5,3	1,5	40	4
		E6819-5.8	5,8	1,5	45	5
Cylindrical shank		E6819-6	6	1,5	45	5
		E6819-6.3	6,3	1,5	45	5
Cylindrical shank		E6819-7	7	1,8	50	6
		E6819-7.3	7,3	1,8	50	6
Cylindrical shank		E6819-8	8	2	50	6
		E6819-8.3	8,3	2	50	6
Cylindrical shank		E6819-9.4	9,4	2,2	50	6
		E6819-10	10	2,5	50	6
Cylindrical shank		E6819-10.4	10,4	2,5	50	6
		E6819-11.5	11,5	2,8	56	8
Cylindrical shank		E6819-12.4	12,4	2,8	56	8
		E6819-13.4	13,4	2,9	56	8
Cylindrical shank		E6819-15	15	3,2	60	10
		E6819-16.5	16,5	3,2	60	10
Cylindrical shank		E6819-19	19	3,5	63	10
		E6819-20.5	20,5	3,5	63	10
Cylindrical shank		E6819-23	23	3,8	67	10
		E6819-25	25	3,8	67	10
Cylindrical shank		E6819-30	30	4,2	71	12
		E6819-31	31	4,2	71	12

**WALTER
SELECT**

●● Primary application ● Other application
Best tool for → Good = 😊 → Average = 😐 → Poor = ☹️ machining conditions

90° HSS E6819TIN countersinker set
Z3711TIN



DIN
335



Tool					TIN
	Designation	D _{cmin} mm	D _{cmax} mm	Quantity	
	Z3711TIN-6.3-20.5	1,5	20,5	6	

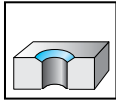
WALTER
SELECT

●● Primary application ● Other application
Best tool for → Good = 😊 → Average = 😐 → Poor = ☹️ machining conditions

B 2

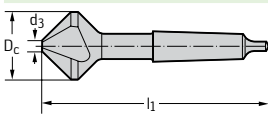
90° HSS countersinkers

E7819



	P	M	K	N	S	H	O
uncoated	●●	●●	●●	●●	●		●●

Tool



Morse taper

Designation

D_c
mm

d₃
mm

l₁
mm

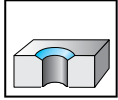
E7819-15	15	3,2	85
E7819-16.5	16,5	3,2	85
E7819-19	19	3,5	100
E7819-20.5	20,5	3,5	100
E7819-23	23	3,8	106
E7819-25	25	3,8	106
E7819-26	26	3,8	106
E7819-28	28	4	112
E7819-30	30	4,2	112
E7819-31	31	4,2	112
E7819-34	34	4,5	118
E7819-37	37	4,8	118
E7819-40	40	10	140
E7819-50	50	14	150
E7819-63	63	16	180
E7819-80	80	22	190

WALTER
SELECT

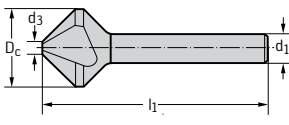
●● Primary application ● Other application
 Best tool for → Good = 😊 → Average = 😐 → Poor = ☹️ machining conditions

60° HSS countersinkers

E6818



	P	M	K	N	S	H	O
uncoated	●●	●●	●●	●●	●		●●

Tool		D _c mm	d ₃ mm	l ₁ mm	d ₁ mm
 Cylindrical shank	Designation				
	E6818-6.3	6,3	1,6	45	5
	E6818-8	8	2	50	6
	E6818-12.5	12,5	3,2	56	8
	E6818-16	16	4	63	10
	E6818-20	20	5	67	10
	E6818-25	25	6,3	71	10

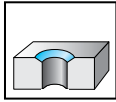
B 2

**WALTER
SELECT**

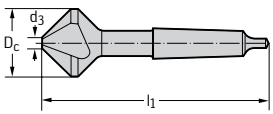
●● Primary application ● Other application
 Best tool for → Good = 😊 → Average = 😐 → Poor = ☹️ machining conditions

60° HSS countersinkers

E7818

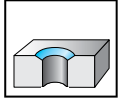


	P	M	K	N	S	H	O
uncoated	●●	●●	●●	●●	●		●●

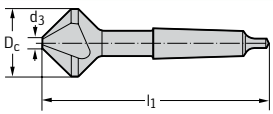
Tool					
	Designation	D _c mm	d ₃ mm	l ₁ mm	d ₁ mm
 Morse taper	E7818-16	16	4	90	
	E7818-20	20	5	106	
	E7818-25	25	6,3	112	
	E7818-31.5	31,5	10	118	
	E7818-40	40	12,5	150	
	E7818-50	50	16	160	
	E7818-63	63	20	190	
	E7818-80	80	25	200	

60° HSS countersinkers

E7818



	P	M	K	N	S	H	O
uncoated	●●	●●	●●	●●	●		●●

Tool		D _c mm	d ₃ mm	l ₁ mm	d ₁ mm
 Morse taper	Designation				
	E7818-16	16	4	90	
	E7818-20	20	5	106	
	E7818-25	25	6,3	112	
	E7818-31,5	31,5	10	118	
	E7818-40	40	12,5	150	
	E7818-50	50	16	160	
	E7818-63	63	20	190	
	E7818-80	80	25	200	

B 2

**WALTER
SELECT**

●● Primary application ● Other application
 Best tool for → Good = 😊 → Average = 😐 → Poor = ☹️ machining conditions

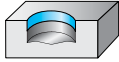
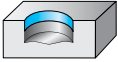
Solid carbide and HSS reamers

			
Standard	Walter	Walter	Walter



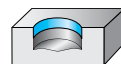
Designation	F2481TMS	F2481	F2482TMS	F2482	F2171
Cutting tool material	Solid carbide	Solid carbide	Solid carbide	Solid carbide	Solid carbide
Coating / grade	TMS	uncoated	TMS	uncoated	uncoated
Helix angle	Left-hand	Left-hand	straight	straight	Left-hand
Shank	DIN 6535 HA	DIN 6535 HA	DIN 6535 HA	DIN 6535 HA	DIN 6535 HA
Diameter range [mm]	3,97–20	3,97–20	3,97–20	3,97–20	2–20
P Steel	●●	●	●●	●	●●
M Stainless steel					●●
K Cast iron	●●	●	●●	●	●●
N NF metals		●●		●●	●●
S Materials with difficult cutting properties					●●
H Hard materials					●
O Other		●●		●●	●●
Page in catalogue	B 620	B 620	B 617	B 617	B 623
QR code					
www.walter-tools.com/woc/	F2481TMS	F2481	F2482TMS	F2482	F2171

Solid carbide and HSS reamers

					
Standard	Walter	DIN 212	DIN 212	DIN 212	DIN 2179
					
Designation	F2162	F1342	F1352	F1352HUN	F3234
Cutting tool material	Solid carbide	HSS	HSS	HSS	HSS
Coating / grade	uncoated	uncoated	uncoated	uncoated	uncoated
Helix angle	straight	straight	Left-hand	Left-hand	Left-hand
Shank	DIN 6535 HA	Cylindrical shank	Cylindrical shank	Cylindrical shank	Cylindrical shank
Diameter range [mm]	4–20	1–20	0,9–20	0,95–12	1–12
P Steel	●●	●●	●●	●●	●●
M Stainless steel	●●				
K Cast iron	●●	●●	●●	●●	●●
N NF metals	●●	●●	●●	●●	●●
S Materials with difficult cutting properties	●●				
H Hard materials	●				
O Other	●●	●●	●●	●●	●●
Page in catalogue	B 624	B 651	B 625	B 625	B 654
QR code					
www.walter-tools.com/woc/	F2162	F1342	F1352	F1352HUN	F3234

B 3

Solid carbide and HSS reamers



Standard

DIN 206

DIN 859



Designation

F1131

F1231

Cutting tool material

HSS

HSS

Coating / grade

uncoated

uncoated

Helix angle

Left-hand

Left-hand

Shank

Cylindrical shank

Parallel shank

Diameter range [mm]

1–32

8–30

P Steel

● ●

● ●

M Stainless steel

● ●

● ●

K Cast iron

● ●

● ●

N NF metals

● ●

● ●

S Materials with difficult cutting properties

● ●

● ●

H Hard materials

● ●

● ●

O Other

● ●

● ●

Page in catalogue

B 656

B 655

QR code

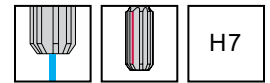

www.walter-tools.com/woc/

F1131

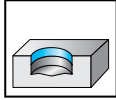
F1231

Solid carbide HSC reamers

F2482TMS / F2482

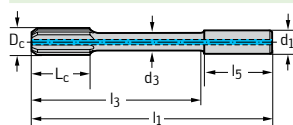


– Tolerance for 1/100 size: +0.004 mm



	P	M	K	N	S	H	O
TMS	●●		●●	●●			
uncoated	●		●	●●			●●

Tool



DIN 6535 HA

Designation

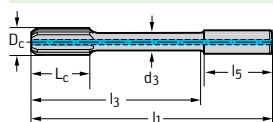
Designation	D _c mm	L _c mm	l ₁ mm	l ₃ mm	l ₅ mm	d ₁ h6 mm	d ₃ mm	Z EA
F2482TMS-3.97	3,97	12	75	34	36	6	3,5	4
F2482TMS-3.98	3,98	12	75	34	36	6	3,5	4
F2482TMS-3.99	3,99	12	75	34	36	6	3,5	4
F2482TMS-4	4	12	75	34	36	6	3,5	4
F2482TMS-4.01	4,01	12	75	34	36	6	3,5	4
F2482TMS-4.02	4,02	12	75	34	36	6	3,5	4
F2482TMS-4.03	4,03	12	75	34	36	6	3,5	4
F2482TMS-4.5	4,5	12	75	34	36	6	4	4
F2482TMS-4.97	4,97	12	75	35	36	6	4,4	4
F2482TMS-4.98	4,98	12	75	35	36	6	4,4	4
F2482TMS-4.99	4,99	12	75	35	36	6	4,4	4
F2482TMS-5	5	12	75	35	36	6	4,4	4
F2482TMS-5.01	5,01	12	75	35	36	6	4,4	4
F2482TMS-5.02	5,02	12	75	35	36	6	4,4	4
F2482TMS-5.03	5,03	12	75	35	36	6	4,4	4
F2482TMS-5.5	5,5	12	75	35	36	6	4,9	4
F2482TMS-5.97	5,97	12	75	35	36	6	5,3	4
F2482TMS-5.98	5,98	12	75	35	36	6	5,3	4
F2482TMS-5.99	5,99	12	75	35	36	6	5,3	4
F2482TMS-6	6	12	75	35	36	6	5,3	4
F2482TMS-6.01	6,01	12	75	35	36	6	5,3	4
F2482TMS-6.02	6,02	12	75	35	36	6	5,3	4
F2482TMS-6.03	6,03	12	75	35	36	6	5,3	4
F2482TMS-6.5	6,5	16	100	59	36	8	5,7	6
F2482TMS-7	7	16	100	59	36	8	6,2	6
F2482TMS-7.5	7,5	16	100	60	36	8	6,7	6
F2482TMS-7.97	7,97	16	100	60	36	8	7,2	6
F2482TMS-7.98	7,98	16	100	60	36	8	7,2	6
F2482TMS-7.99	7,99	16	100	60	36	8	7,2	6
F2482TMS-8	8	16	100	60	36	8	7,2	6
F2482TMS-8.01	8,01	16	100	60	36	8	7,2	6
F2482TMS-8.02	8,02	16	100	60	36	8	7,2	6
F2482TMS-8.03	8,03	16	100	60	36	8	7,2	6
F2482TMS-8.5	8,5	20	100	55	40	10	7,7	6
F2482TMS-9	9	20	100	55	40	10	8,2	6
F2482TMS-9.5	9,5	20	120	76	40	10	8,7	6

Ordering example for the grade TMS: F2482TMS-10

**WALTER
SELECT**

●● Primary application ● Other application
Best tool for → Good = 😊 → Average = 😐 → Poor = ☹️ machining conditions

Tool



DIN 6535 HA

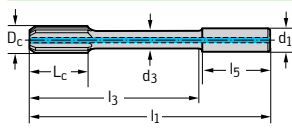
Designation	D _c mm	L _c mm	l ₁ mm	l ₃ mm	l ₅ mm	d ₁ h6 mm	d ₃ mm	Z EA
F2482TMS-9.97	9,97	20	120	76	40	10	9	6
F2482TMS-9.98	9,98	20	120	76	40	10	9	6
F2482TMS-9.99	9,99	20	120	76	40	10	9	6
F2482TMS-10	10	20	120	76	40	10	9	6
F2482TMS-10.01	10,01	20	120	76	40	10	9	6
F2482TMS-10.02	10,02	20	120	76	40	10	9	6
F2482TMS-10.03	10,03	20	120	76	40	10	9	6
F2482TMS-10.5	10,5	20	120	70	45	12	9,5	6
F2482TMS-11	11	20	120	70	45	12	10	6
F2482TMS-11.5	11,5	20	120	71	45	12	10,5	6
F2482TMS-11.97	11,97	20	120	71	45	12	11	6
F2482TMS-11.98	11,98	20	120	71	45	12	11	6
F2482TMS-11.99	11,99	20	120	71	45	12	11	6
F2482TMS-12	12	20	120	71	45	12	11	6
F2482TMS-12.01	12,01	20	120	71	45	12	11	6
F2482TMS-12.02	12,02	20	120	71	45	12	11	6
F2482TMS-12.03	12,03	20	120	71	45	12	11	6
F2482TMS-13	13	22	130	80	45	14	11,5	6
F2482TMS-14	14	22	130	80	45	14	12,5	6
F2482TMS-15	15	22	130	77	48	16	13,5	6
F2482TMS-16	16	25	150	97	48	16	14,2	6
F2482TMS-17	17	25	150	97	48	18	15,2	6
F2482TMS-18	18	25	150	97	48	18	16,2	6
F2482TMS-19	19	25	150	95	50	20	17,2	6
F2482TMS-20	20	25	150	95	50	20	18,2	6
F2482-3.97	3,97	12	75	34	36	6	3,5	4
F2482-3.98	3,98	12	75	34	36	6	3,5	4
F2482-3.99	3,99	12	75	34	36	6	3,5	4
F2482-4	4	12	75	34	36	6	3,5	4
F2482-4.01	4,01	12	75	34	36	6	3,5	4
F2482-4.02	4,02	12	75	34	36	6	3,5	4
F2482-4.03	4,03	12	75	34	36	6	3,5	4
F2482-4.5	4,5	12	75	34	36	6	4	4
F2482-4.97	4,97	12	75	35	36	6	4,4	4
F2482-4.98	4,98	12	75	35	36	6	4,4	4
F2482-4.99	4,99	12	75	35	36	6	4,4	4
F2482-5	5	12	75	35	36	6	4,4	4
F2482-5.01	5,01	12	75	35	36	6	4,4	4
F2482-5.02	5,02	12	75	35	36	6	4,4	4
F2482-5.03	5,03	12	75	35	36	6	4,4	4
F2482-5.5	5,5	12	75	35	36	6	4,9	4
F2482-5.97	5,97	12	75	35	36	6	5,3	4
F2482-5.98	5,98	12	75	35	36	6	5,3	4
F2482-5.99	5,99	12	75	35	36	6	5,3	4
F2482-6	6	12	75	35	36	6	5,3	4
F2482-6.01	6,01	12	75	35	36	6	5,3	4

Ordering example for the grade TMS: F2482TMS-10

WALTER
SELECT

Best tool for → Good = 😊 → Average = 😐 → Poor = 😞 machining conditions

●● Primary application ● Other application

Tool	Designation	D _c mm	L _c mm	l ₁ mm	l ₃ mm	l ₅ mm	d ₁ h6 mm	d ₃ mm	Z EA
	F2482-6.02	6,02	12	75	35	36	6	5,3	4
	F2482-6.03	6,03	12	75	35	36	6	5,3	4
DIN 6535 HA	F2482-6.5	6,5	16	100	59	36	8	5,7	6
	F2482-7	7	16	100	59	36	8	6,2	6
	F2482-7.5	7,5	16	100	60	36	8	6,7	6
	F2482-7.97	7,97	16	100	60	36	8	7,2	6
	F2482-7.98	7,98	16	100	60	36	8	7,2	6
	F2482-7.99	7,99	16	100	60	36	8	7,2	6
	F2482-8	8	16	100	60	36	8	7,2	6
	F2482-8.01	8,01	16	100	60	36	8	7,2	6
	F2482-8.02	8,02	16	100	60	36	8	7,2	6
	F2482-8.03	8,03	16	100	60	36	8	7,2	6
	F2482-8.5	8,5	20	100	55	40	10	7,7	6
	F2482-9	9	20	100	55	40	10	8,2	6
	F2482-9.5	9,5	20	120	76	40	10	8,7	6
	F2482-9.97	9,97	20	120	76	40	10	9	6
	F2482-9.98	9,98	20	120	76	40	10	9	6
	F2482-9.99	9,99	20	120	76	40	10	9	6
	F2482-10	10	20	120	76	40	10	9	6
	F2482-10.01	10,01	20	120	76	40	10	9	6
	F2482-10.02	10,02	20	120	76	40	10	9	6
	F2482-10.03	10,03	20	120	76	40	10	9	6
	F2482-10.5	10,5	20	120	70	45	12	9,5	6
	F2482-11	11	20	120	70	45	12	10	6
	F2482-11.5	11,5	20	120	71	45	12	10,5	6
	F2482-11.97	11,97	20	120	71	45	12	11	6
	F2482-11.98	11,98	20	120	71	45	12	11	6
	F2482-11.99	11,99	20	120	71	45	12	11	6
	F2482-12	12	20	120	71	45	12	11	6
	F2482-12.01	12,01	20	120	71	45	12	11	6
	F2482-12.02	12,02	20	120	71	45	12	11	6
	F2482-12.03	12,03	20	120	71	45	12	11	6
	F2482-13	13	22	130	80	45	14	11,5	6
	F2482-14	14	22	130	80	45	14	12,5	6
	F2482-15	15	22	130	77	48	16	13,5	6
	F2482-16	16	25	150	97	48	16	14,2	6
	F2482-17	17	25	150	97	48	18	15,2	8
	F2482-18	18	25	150	97	48	18	16,2	8
	F2482-19	19	25	150	95	50	20	17,2	8
	F2482-20	20	25	150	95	50	20	18,2	8

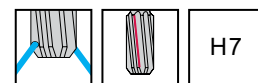
Ordering example for the grade TMS: F2482TMS-10

**WALTER
SELECT**

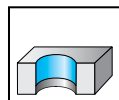
●● Primary application ● Other application
 Best tool for → Good = 😊 → Average = 😐 → Poor = ☹️ machining conditions

Solid carbide HSC reamers

F2481TMS / F2481



– Tolerance for 1/100 size: +0.004 mm



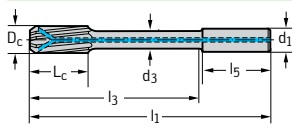
	P	M	K	N	S	H	O
TMS	●●		●●				
uncoated	●		●	●●			●●

Tool	Designation	D _c mm	L _c mm	l ₁ mm	l ₃ mm	l ₅ mm	d ₁ h6 mm	d ₃ mm	Z EA
DIN 6535 HA	F2481TMS-3.97	3,97	12	75	34	36	6	3,4	4
	F2481TMS-3.98	3,98	12	75	34	36	6	3,4	4
	F2481TMS-3.99	3,99	12	75	34	36	6	3,4	4
	F2481TMS-4	4	12	75	34	36	6	3,4	4
	F2481TMS-4.01	4,01	12	75	34	36	6	3,4	4
	F2481TMS-4.02	4,02	12	75	34	36	6	3,4	4
	F2481TMS-4.03	4,03	12	75	34	36	6	3,4	4
	F2481TMS-4.5	4,5	12	75	34	36	6	3,4	4
	F2481TMS-4.97	4,97	12	75	35	36	6	3,8	4
	F2481TMS-4.98	4,98	12	75	35	36	6	3,8	4
	F2481TMS-4.99	4,99	12	75	35	36	6	3,8	4
	F2481TMS-5	5	12	75	35	36	6	3,8	4
	F2481TMS-5.01	5,01	12	75	35	36	6	3,8	4
	F2481TMS-5.02	5,02	12	75	35	36	6	3,8	4
	F2481TMS-5.03	5,03	12	75	35	36	6	3,8	4
	F2481TMS-5.5	5,5	12	75	35	36	6	4,2	4
	F2481TMS-5.97	5,97	12	75	35	36	6	4,5	4
	F2481TMS-5.98	5,98	12	75	35	36	6	4,5	4
	F2481TMS-5.99	5,99	12	75	35	36	6	4,5	4
	F2481TMS-6	6	12	75	35	36	6	4,5	4
	F2481TMS-6.01	6,01	12	75	35	36	6	4,5	4
	F2481TMS-6.02	6,02	12	75	35	36	6	4,5	4
	F2481TMS-6.03	6,03	12	75	35	36	6	4,5	4
	F2481TMS-6.5	6,5	16	100	59	36	8	4,8	6
	F2481TMS-7	7	16	100	59	36	8	5	6
	F2481TMS-7.5	7,5	16	100	60	36	8	5,5	6
	F2481TMS-7.97	7,97	16	100	60	36	8	6	6
	F2481TMS-7.98	7,98	16	100	60	36	8	6	6
	F2481TMS-7.99	7,99	16	100	60	36	8	6	6
	F2481TMS-8	8	16	100	60	36	8	6	6
	F2481TMS-8.01	8,01	16	100	60	36	8	6	6
	F2481TMS-8.02	8,02	16	100	60	36	8	6	6
	F2481TMS-8.03	8,03	16	100	60	36	8	6	6
	F2481TMS-8.5	8,5	20	100	55	40	10	6,5	6
	F2481TMS-9	9	20	100	55	40	10	7	6
	F2481TMS-9.5	9,5	20	120	76	40	10	7,5	6

Ordering example for the grade TMS: F2481TMS-10

**WALTER
SELECT**

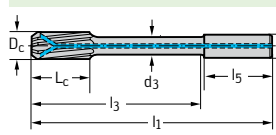
●● Primary application ● Other application
Best tool for → Good = 😊 → Average = 😐 → Poor = 😞 machining conditions

Tool	Designation	D _c mm	L _c mm	l ₁ mm	l ₃ mm	l ₅ mm	d ₁ h6 mm	d ₃ mm	Z EA
	F2481TMS-9.97	9,97	20	120	76	40	10	7,5	6
	F2481TMS-9.98	9,98	20	120	76	40	10	7,5	6
DIN 6535 HA	F2481TMS-9.99	9,99	20	120	76	40	10	7,5	6
	F2481TMS-10	10	20	120	76	40	10	7,5	6
	F2481TMS-10.01	10,01	20	120	76	40	10	7,5	6
	F2481TMS-10.02	10,02	20	120	76	40	10	7,5	6
	F2481TMS-10.03	10,03	20	120	76	40	10	7,5	6
	F2481TMS-10.5	10,5	20	120	70	45	12	8	6
	F2481TMS-11	11	20	120	70	45	12	8,5	6
	F2481TMS-11.5	11,5	20	120	71	45	12	8,5	6
	F2481TMS-11.97	11,97	20	120	71	45	12	9	6
	F2481TMS-11.98	11,98	20	120	71	45	12	9	6
	F2481TMS-11.99	11,99	20	120	71	45	12	9	6
	F2481TMS-12	12	20	120	71	45	12	9	6
	F2481TMS-12.01	12,01	20	120	71	45	12	9	6
	F2481TMS-12.02	12,02	20	120	71	45	12	9	6
	F2481TMS-12.03	12,03	20	120	71	45	12	9	6
	F2481TMS-13	13	22	130	80	45	14	10	6
	F2481TMS-14	14	22	130	80	45	14	10,5	6
	F2481TMS-15	15	22	130	77	48	16	11,5	6
	F2481TMS-16	16	25	150	97	48	16	12	6
	F2481TMS-17	17	25	150	97	48	18	13	8
	F2481TMS-18	18	25	150	97	48	18	13,5	8
	F2481TMS-19	19	25	150	95	50	20	14	8
	F2481TMS-20	20	25	150	95	50	20	14,5	8
	F2481-3.97	3,97	12	75	34	36	6	3,4	4
	F2481-3.98	3,98	12	75	34	36	6	3,4	4
	F2481-3.99	3,99	12	75	34	36	6	3,4	4
	F2481-4	4	12	75	34	36	6	3,4	4
	F2481-4.01	4,01	12	75	34	36	6	3,4	4
	F2481-4.02	4,02	12	75	34	36	6	3,4	4
	F2481-4.03	4,03	12	75	34	36	6	3,4	4
	F2481-4.5	4,5	12	75	34	36	6	3,4	4
	F2481-4.97	4,97	12	75	35	36	6	3,8	4
	F2481-4.98	4,98	12	75	35	36	6	3,8	4
	F2481-4.99	4,99	12	75	35	36	6	3,8	4
	F2481-5	5	12	75	35	36	6	3,8	4
	F2481-5.01	5,01	12	75	35	36	6	3,8	4
	F2481-5.02	5,02	12	75	35	36	6	3,8	4
	F2481-5.03	5,03	12	75	35	36	6	3,8	4
	F2481-5.5	5,5	12	75	35	36	6	4,2	4
	F2481-5.97	5,97	12	75	35	36	6	4,5	4
	F2481-5.98	5,98	12	75	35	36	6	4,5	4
	F2481-5.99	5,99	12	75	35	36	6	4,5	4
	F2481-6	6	12	75	35	36	6	4,5	4
	F2481-6.01	6,01	12	75	35	36	6	4,5	4

Ordering example for the grade TMS: F2481TMS-10

**WALTER
SELECT**

●● Primary application ● Other application
 Best tool for → Good = 😊 → Average = 😐 → Poor = ☹️ machining conditions

Tool		Designation	D _c mm	L _c mm	l ₁ mm	l ₃ mm	l ₅ mm	d ₁ h6 mm	d ₃ mm	Z EA
 DIN 6535 HA		F2481-6.02	6,02	12	75	35	36	6	4,5	4
		F2481-6.03	6,03	12	75	35	36	6	4,5	4
		F2481-6.5	6,5	16	100	59	36	8	4,8	6
		F2481-7	7	16	100	59	36	8	5	6
		F2481-7.5	7,5	16	100	60	36	8	5,5	6
		F2481-7.97	7,97	16	100	60	36	8	6	6
		F2481-7.98	7,98	16	100	60	36	8	6	6
		F2481-7.99	7,99	16	100	60	36	8	6	6
		F2481-8	8	16	100	60	36	8	6	6
		F2481-8.01	8,01	16	100	60	36	8	6	6
		F2481-8.02	8,02	16	100	60	36	8	6	6
		F2481-8.03	8,03	16	100	60	36	8	6	6
		F2481-8.5	8,5	20	100	55	40	10	6,5	6
		F2481-9	9	20	100	55	40	10	7	6
		F2481-9.5	9,5	20	120	76	40	10	7,5	6
		F2481-9.97	9,97	20	120	76	40	10	7,5	6
		F2481-9.98	9,98	20	120	76	40	10	7,5	6
		F2481-9.99	9,99	20	120	76	40	10	7,5	6
		F2481-10	10	20	120	76	40	10	7,5	6
		F2481-10.01	10,01	20	120	76	40	10	7,5	6
		F2481-10.02	10,02	20	120	76	40	10	7,5	6
		F2481-10.03	10,03	20	120	76	40	10	7,5	6
		F2481-10.5	10,5	20	120	70	45	12	8	6
		F2481-11	11	20	120	70	45	12	8,5	6
		F2481-11.5	11,5	20	120	71	45	12	8,5	6
		F2481-11.97	11,97	20	120	71	45	12	9	6
		F2481-11.98	11,98	20	120	71	45	12	9	6
		F2481-11.99	11,99	20	120	71	45	12	9	6
		F2481-12	12	20	120	71	45	12	9	6
		F2481-12.01	12,01	20	120	71	45	12	9	6
		F2481-12.02	12,02	20	120	71	45	12	9	6
		F2481-12.03	12,03	20	120	71	45	12	9	6
		F2481-13	13	22	130	80	45	14	10	6
		F2481-14	14	22	130	80	45	14	10,5	6
		F2481-15	15	22	130	77	48	16	11,5	6
		F2481-16	16	25	150	97	48	16	12	6
		F2481-17	17	25	150	97	48	18	13	8
		F2481-18	18	25	150	97	48	18	13,5	8
		F2481-19	19	25	150	95	50	20	14	8
		F2481-20	20	25	150	95	50	20	14,5	8

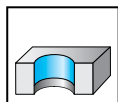
Ordering example for the grade TMS: F2481TMS-10

Carbide machine reamers

F2171

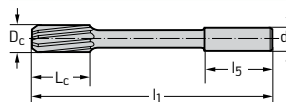


– Up to dia. 13 mm solid carbide, greater than dia. 13 mm solid carbide head



H7

	P	M	K	N	S	H	O
uncoated	●●	●●	●●	●●	●●	●	●●

Tool	Designation	D _c mm	L _c mm	l ₁ mm	l ₅ mm	d ₁ h6 mm	Z EA
 DIN 6535 HA	F2171-2	2	12	49	28	4	4
	F2171-2.5	2.5	16	59	28	4	4
	F2171-3	3	17	63	28	4	6
	F2171-3.2	3.2	18	65	28	4	6
	F2171-3.5	3.5	18	70	28	4	6
	F2171-4	4	19	75	28	4	6
	F2171-4.5	4.5	21	80	36	6	6
	F2171-5	5	23	86	36	6	6
	F2171-5.5	5.5	26	93	36	6	6
	F2171-6	6	26	93	36	6	6
	F2171-6.5	6.5	28	101	36	6	6
	F2171-7	7	31	109	36	8	6
	F2171-7.5	7.5	31	109	36	8	6
	F2171-8	8	33	117	36	8	6
	F2171-8.5	8.5	33	117	36	8	6
	F2171-9	9	36	125	40	10	6
	F2171-10	10	38	133	40	10	6
	F2171-11	11	41	142	45	12	6
	F2171-12	12	44	151	45	12	6
	F2171-13	13	44	151	45	12	6
	F2171-14	14	47	160	48	16	8
	F2171-15	15	50	162	48	16	8
	F2171-16	16	52	170	48	16	8
	F2171-18	18	52	182	48	18	8
	F2171-20	20	52	195	50	20	8

Dimensions similar to DIN 8093

B3

**WALTER
SELECT**

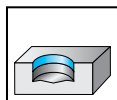
●● Primary application ● Other application
Best tool for → Good = 😊 → Average = 😐 → Poor = ☹️ machining conditions

Carbide machine reamers

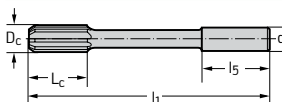
F2162



H7



	P	M	K	N	S	H	O
uncoated	●●	●●	●●	●●	●●	●	●●

Tool	Designation	D _c mm	L _c mm	l ₁ mm	l ₅ mm	d ₁ h6 mm	Z EA
 DIN 6535 HA	F2162-4	4	19	75	28	4	6
	F2162-4.5	4,5	21	80	36	6	6
	F2162-5	5	23	86	36	6	6
	F2162-5.5	5,5	26	93	36	6	6
	F2162-6	6	26	93	36	6	6
	F2162-6.5	6,5	28	101	36	6	6
	F2162-7	7	31	109	36	8	6
	F2162-7.5	7,5	31	109	36	8	6
	F2162-8	8	33	117	36	8	6
	F2162-8.5	8,5	33	117	36	8	6
	F2162-9	9	36	125	40	10	6
	F2162-9.5	9,5	36	125	40	10	6
	F2162-10	10	38	133	40	10	6
	F2162-11	11	41	142	45	12	6
	F2162-12	12	44	151	45	12	6
	F2162-13	13	44	151	45	12	6
	F2162-14	14	47	160	48	16	8
	F2162-15	15	50	162	48	16	8
	F2162-16	16	52	170	48	16	8
	F2162-17	17	52	175	48	18	8
	F2162-18	18	52	182	48	18	8
	F2162-20	20	52	195	50	20	8

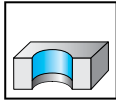
Dimensions similar to DIN 8093

HSS machine reamers

F1352HUN



- Walter standard up to dia. 3.75 mm with centring tips
- Diameter increment = 0.01 mm



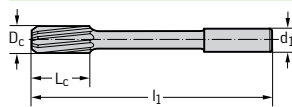
	P	M	K	N	S	H	O
uncoated	●●	●●	●●	●●	●●	●●	●●

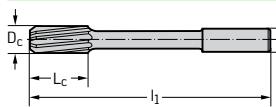
Tool		Designation	D _c mm	L _c mm	l ₁ mm	l ₅ mm	d ₁ h9 mm	Z EA
 Cylindrical shank		F1352HUN-0.95	0,95	6	34	19	1	3
		F1352HUN-0.97	0,97	6	34	19	1	3
		F1352HUN-0.98	0,98	6	34	19	1	3
		F1352HUN-0.99	0,99	6	34	19	1	3
		F1352HUN-1	1	6	34	19	1	3
		F1352HUN-1.01	1,01	6	34	19	1	3
		F1352HUN-1.02	1,02	6	34	19	1	3
		F1352HUN-1.03	1,03	6	34	19	1	3
		F1352HUN-1.04	1,04	6	34	19	1	3
		F1352HUN-1.05	1,05	6	34	19	1	3
		F1352HUN-1.06	1,06	6	34	19	1	3
		F1352HUN-1.07	1,07	7	36	20,5	1	3
		F1352HUN-1.08	1,08	7	36	20,5	1	3
		F1352HUN-1.09	1,09	7	36	20,5	1	3
		F1352HUN-1.11	1,11	7	36	20,5	1	3
		F1352HUN-1.12	1,12	7	36	20,5	1	3
		F1352HUN-1.13	1,13	7	36	20,5	1	3
		F1352HUN-1.14	1,14	7	36	20,5	1	3
		F1352HUN-1.15	1,15	7	36	20,5	1	3
		F1352HUN-1.16	1,16	7	36	20,5	1	3
		F1352HUN-1.17	1,17	7	36	20,5	1	3
		F1352HUN-1.18	1,18	7	36	20,5	1	3
		F1352HUN-1.19	1,19	8	38	21,5	1	3
		F1352HUN-1.2	1,2	8	38	21,5	1	3
		F1352HUN-1.21	1,21	8	38	21,5	1	3
		F1352HUN-1.22	1,22	8	38	21,5	1	3
		F1352HUN-1.23	1,23	8	38	21,5	1	3
		F1352HUN-1.24	1,24	8	38	21,5	1	3
		F1352HUN-1.25	1,25	8	38	21,5	1	3
		F1352HUN-1.26	1,26	8	38	21,5	1	3
		F1352HUN-1.27	1,27	8	38	21,5	1	3
		F1352HUN-1.28	1,28	8	38	21,5	1	3
		F1352HUN-1.29	1,29	8	38	21,5	1	3
		F1352HUN-1.3	1,3	8	38	21,5	1	3
		F1352HUN-1.31	1,31	8	38	21,5	1	3
		F1352HUN-1.32	1,32	8	38	21,5	1	3

B3

WALTER
SELECT

●● Primary application ● Other application
 Best tool for → Good = 😊 → Average = 😐 → Poor = ☹ machining conditions

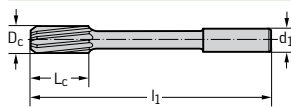
Tool		Designation	D _c mm	L _c mm	l ₁ mm	l ₅ mm	d ₁ h9 mm	Z EA
	Cylindrical shank	F1352HUN-1.33	1,33	8	40	22	1	3
		F1352HUN-1.34	1,34	8	40	22	1	3
		F1352HUN-1.35	1,35	8	40	22	1	3
		F1352HUN-1.36	1,36	8	40	22	1	3
		F1352HUN-1.37	1,37	8	40	22	1	3
		F1352HUN-1.38	1,38	8	40	22	1	3
		F1352HUN-1.39	1,39	8	40	22	1	3
		F1352HUN-1.4	1,4	8	40	22	1	3
		F1352HUN-1.41	1,41	8	40	22	1	3
		F1352HUN-1.42	1,42	8	40	22	1	3
		F1352HUN-1.43	1,43	8	40	22	1	3
		F1352HUN-1.44	1,44	8	40	22	1	3
		F1352HUN-1.45	1,45	8	40	22	1	3
		F1352HUN-1.46	1,46	8	40	22	1	3
		F1352HUN-1.47	1,47	8	40	22	1	3
		F1352HUN-1.48	1,48	8	40	22	1	3
		F1352HUN-1.49	1,49	8	40	22	1	3
		F1352HUN-1.5	1,5	8	40	22	1	3
		F1352HUN-1.51	1,51	9	43	23	2	3
		F1352HUN-1.52	1,52	9	43	23	2	3
		F1352HUN-1.53	1,53	9	43	23	2	3
		F1352HUN-1.54	1,54	9	43	23	2	3
		F1352HUN-1.55	1,55	9	43	23	2	3
		F1352HUN-1.56	1,56	9	43	23	2	3
		F1352HUN-1.57	1,57	9	43	23	2	3
		F1352HUN-1.58	1,58	9	43	23	2	3
		F1352HUN-1.59	1,59	9	43	23	2	3
		F1352HUN-1.6	1,6	9	43	23	2	3
		F1352HUN-1.61	1,61	9	43	23	2	3
		F1352HUN-1.62	1,62	9	43	23	2	3
		F1352HUN-1.63	1,63	9	43	23	2	3
		F1352HUN-1.64	1,64	9	43	23	2	3
		F1352HUN-1.65	1,65	9	43	23	2	3
		F1352HUN-1.66	1,66	9	43	23	2	3
		F1352HUN-1.67	1,67	9	43	23	2	3
		F1352HUN-1.68	1,68	9	43	23	2	3
		F1352HUN-1.69	1,69	9	43	23	2	3
		F1352HUN-1.7	1,7	9	43	23	2	3
		F1352HUN-1.71	1,71	10	46	24	2	4
		F1352HUN-1.72	1,72	10	46	24	2	4
		F1352HUN-1.73	1,73	10	46	24	2	4
		F1352HUN-1.74	1,74	10	46	24	2	4
		F1352HUN-1.75	1,75	10	46	24	2	4
		F1352HUN-1.76	1,76	10	46	24	2	4
		F1352HUN-1.77	1,77	10	46	24	2	4
		F1352HUN-1.78	1,78	10	46	24	2	4

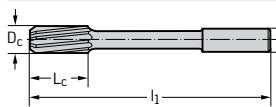
Tool	Designation	D _c mm	L _c mm	l ₁ mm	l ₅ mm	d ₁ h9 mm	Z EA
 Cylindrical shank	F1352HUN-1.79	1,79	10	46	24	2	4
	F1352HUN-1.8	1,8	10	46	24	2	4
	F1352HUN-1.81	1,81	10	46	24	2	4
	F1352HUN-1.82	1,82	10	46	24	2	4
	F1352HUN-1.83	1,83	10	46	24	2	4
	F1352HUN-1.84	1,84	10	46	24	2	4
	F1352HUN-1.85	1,85	10	46	24	2	4
	F1352HUN-1.86	1,86	10	46	24	2	4
	F1352HUN-1.87	1,87	10	46	24	2	4
	F1352HUN-1.88	1,88	10	46	24	2	4
	F1352HUN-1.89	1,89	10	46	24	2	4
	F1352HUN-1.9	1,9	10	46	24	2	4
	F1352HUN-1.91	1,91	11	49	25	2	4
	F1352HUN-1.92	1,92	11	49	25	2	4
	F1352HUN-1.93	1,93	11	49	25	2	4
	F1352HUN-1.94	1,94	11	49	25	2	4
	F1352HUN-1.95	1,95	11	49	25	2	4
	F1352HUN-1.96	1,96	11	49	25	2	4
	F1352HUN-1.97	1,97	11	49	25	2	4
	F1352HUN-1.98	1,98	11	49	25	2	4
	F1352HUN-1.99	1,99	11	49	25	2	4
	F1352HUN-2	2	11	49	25	2	4
	F1352HUN-2.01	2,01	11	49	25	2	4
	F1352HUN-2.02	2,02	11	49	25	2	4
	F1352HUN-2.03	2,03	11	49	25	2	4
	F1352HUN-2.04	2,04	11	49	25	2	4
	F1352HUN-2.05	2,05	11	49	25	2	4
	F1352HUN-2.06	2,06	11	49	25	2	4
	F1352HUN-2.07	2,07	11	49	25	2	4
	F1352HUN-2.08	2,08	11	49	25	2	4
	F1352HUN-2.09	2,09	11	49	25	2	4
	F1352HUN-2.1	2,1	11	49	25	2	4
	F1352HUN-2.11	2,11	11	49	25	2	4
	F1352HUN-2.12	2,12	11	49	25	2	4
	F1352HUN-2.13	2,13	12	53	27	2	4
	F1352HUN-2.14	2,14	12	53	27	2	4
	F1352HUN-2.15	2,15	12	53	27	2	4
	F1352HUN-2.16	2,16	12	53	27	2	4
	F1352HUN-2.17	2,17	12	53	27	2	4
	F1352HUN-2.18	2,18	12	53	27	2	4
	F1352HUN-2.19	2,19	12	53	27	2	4
	F1352HUN-2.2	2,2	12	53	27	2	4
	F1352HUN-2.21	2,21	12	53	27	2	4
	F1352HUN-2.22	2,22	12	53	27	2	4
	F1352HUN-2.23	2,23	12	53	27	2	4
	F1352HUN-2.24	2,24	12	53	27	2	4

B3

**WALTER
SELECT**

●● Primary application ● Other application
 Best tool for → Good = 😊 → Average = 😐 → Poor = ☹️ machining conditions

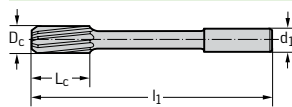
Tool	Designation	D _c mm	L _c mm	l ₁ mm	l ₅ mm	d ₁ h9 mm	Z EA
 Cylindrical shank	F1352HUN-2.25	2,25	12	53	27	2	4
	F1352HUN-2.26	2,26	12	53	27	2	4
	F1352HUN-2.27	2,27	12	53	27	2	4
	F1352HUN-2.28	2,28	12	53	27	2	4
	F1352HUN-2.29	2,29	12	53	27	2	4
	F1352HUN-2.3	2,3	12	53	27	2	4
	F1352HUN-2.31	2,31	12	53	27	2	4
	F1352HUN-2.32	2,32	12	53	27	2	4
	F1352HUN-2.33	2,33	12	53	27	2	4
	F1352HUN-2.34	2,34	12	53	27	2	4
	F1352HUN-2.35	2,35	12	53	27	2	4
	F1352HUN-2.36	2,36	12	53	27	2	4
	F1352HUN-2.37	2,37	14	57	29	3	4
	F1352HUN-2.38	2,38	14	57	29	3	4
	F1352HUN-2.39	2,39	14	57	29	3	4
	F1352HUN-2.4	2,4	14	57	29	3	4
	F1352HUN-2.41	2,41	14	57	29	3	4
	F1352HUN-2.42	2,42	14	57	29	3	4
	F1352HUN-2.43	2,43	14	57	29	3	4
	F1352HUN-2.44	2,44	14	57	29	3	4
	F1352HUN-2.45	2,45	14	57	29	3	4
	F1352HUN-2.46	2,46	14	57	29	3	4
	F1352HUN-2.47	2,47	14	57	29	3	4
	F1352HUN-2.48	2,48	14	57	29	3	4
	F1352HUN-2.49	2,49	14	57	29	3	4
	F1352HUN-2.5	2,5	14	57	29	3	4
	F1352HUN-2.51	2,51	14	57	29	3	4
	F1352HUN-2.52	2,52	14	57	29	3	4
	F1352HUN-2.53	2,53	14	57	29	3	4
	F1352HUN-2.54	2,54	14	57	29	3	4
	F1352HUN-2.55	2,55	14	57	29	3	4
	F1352HUN-2.56	2,56	14	57	29	3	4
	F1352HUN-2.57	2,57	14	57	29	3	4
	F1352HUN-2.58	2,58	14	57	29	3	4
	F1352HUN-2.59	2,59	14	57	29	3	4
	F1352HUN-2.6	2,6	14	57	29	3	4
	F1352HUN-2.61	2,61	14	57	29	3	4
	F1352HUN-2.62	2,62	14	57	29	3	4
	F1352HUN-2.63	2,63	14	57	29	3	4
	F1352HUN-2.64	2,64	14	57	29	3	4
	F1352HUN-2.65	2,65	14	57	29	3	4
	F1352HUN-2.66	2,66	15	61	29	3	6
	F1352HUN-2.67	2,67	15	61	29	3	6
	F1352HUN-2.68	2,68	15	61	29	3	6
	F1352HUN-2.69	2,69	15	61	29	3	6
	F1352HUN-2.7	2,7	15	61	29	3	6

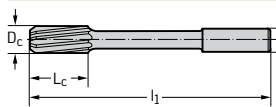
Tool	Designation	D _c mm	L _c mm	l ₁ mm	l ₅ mm	d ₁ h9 mm	Z EA
 Cylindrical shank	F1352HUN-2.71	2,71	15	61	29	3	6
	F1352HUN-2.72	2,72	15	61	29	3	6
	F1352HUN-2.73	2,73	15	61	29	3	6
	F1352HUN-2.74	2,74	15	61	29	3	6
	F1352HUN-2.75	2,75	15	61	29	3	6
	F1352HUN-2.76	2,76	15	61	29	3	6
	F1352HUN-2.77	2,77	15	61	29	3	6
	F1352HUN-2.78	2,78	15	61	29	3	6
	F1352HUN-2.79	2,79	15	61	29	3	6
	F1352HUN-2.8	2,8	15	61	29	3	6
	F1352HUN-2.81	2,81	15	61	29	3	6
	F1352HUN-2.82	2,82	15	61	29	3	6
	F1352HUN-2.83	2,83	15	61	29	3	6
	F1352HUN-2.84	2,84	15	61	29	3	6
	F1352HUN-2.85	2,85	15	61	29	3	6
	F1352HUN-2.86	2,86	15	61	29	3	6
	F1352HUN-2.87	2,87	15	61	29	3	6
	F1352HUN-2.88	2,88	15	61	29	3	6
	F1352HUN-2.89	2,89	15	61	29	3	6
	F1352HUN-2.9	2,9	15	61	29	3	6
	F1352HUN-2.91	2,91	15	61	29	3	6
	F1352HUN-2.92	2,92	15	61	29	3	6
	F1352HUN-2.93	2,93	15	61	29	3	6
	F1352HUN-2.94	2,94	15	61	29	3	6
	F1352HUN-2.95	2,95	15	61	29	3	6
	F1352HUN-2.96	2,96	15	61	29	3	6
	F1352HUN-2.97	2,97	15	61	29	3	6
	F1352HUN-2.98	2,98	15	61	29	3	6
	F1352HUN-2.99	2,99	15	61	29	3	6
	F1352HUN-3	3	15	61	29	3	6
	F1352HUN-3.01	3,01	16	65	30	3	6
	F1352HUN-3.02	3,02	16	65	30	3	6
	F1352HUN-3.03	3,03	16	65	30	3	6
	F1352HUN-3.04	3,04	16	65	30	3	6
	F1352HUN-3.05	3,05	16	65	30	3	6
	F1352HUN-3.06	3,06	16	65	30	3	6
	F1352HUN-3.07	3,07	16	65	30	3	6
	F1352HUN-3.08	3,08	16	65	30	3	6
	F1352HUN-3.09	3,09	16	65	30	3	6
	F1352HUN-3.1	3,1	16	65	30	3	6
	F1352HUN-3.11	3,11	16	65	30	3	6
	F1352HUN-3.12	3,12	16	65	30	3	6
	F1352HUN-3.13	3,13	16	65	30	3	6
	F1352HUN-3.14	3,14	16	65	30	3	6
	F1352HUN-3.15	3,15	16	65	30	3	6
	F1352HUN-3.16	3,16	16	65	30	3	6

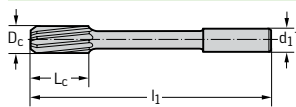
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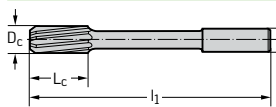
**WALTER
SELECT**

●● Primary application ● Other application
 Best tool for → Good = 😊 → Average = 😐 → Poor = ☹️ machining conditions

Tool	Designation	D _c mm	L _c mm	l ₁ mm	l ₅ mm	d ₁ h9 mm	Z EA
 Cylindrical shank	F1352HUN-3.17	3,17	16	65	30	3	6
	F1352HUN-3.18	3,18	16	65	30	3	6
	F1352HUN-3.19	3,19	16	65	30	3	6
	F1352HUN-3.2	3,2	16	65	30	3	6
	F1352HUN-3.21	3,21	16	65	30	3	6
	F1352HUN-3.22	3,22	16	65	30	3	6
	F1352HUN-3.23	3,23	16	65	30	3	6
	F1352HUN-3.24	3,24	16	65	30	3	6
	F1352HUN-3.25	3,25	16	65	30	3	6
	F1352HUN-3.26	3,26	16	65	30	3	6
	F1352HUN-3.27	3,27	16	65	30	3	6
	F1352HUN-3.28	3,28	16	65	30	3	6
	F1352HUN-3.29	3,29	16	65	30	3	6
	F1352HUN-3.3	3,3	16	65	30	3	6
	F1352HUN-3.31	3,31	16	65	30	3	6
	F1352HUN-3.32	3,32	16	65	30	3	6
	F1352HUN-3.33	3,33	16	65	30	3	6
	F1352HUN-3.34	3,34	16	65	30	3	6
	F1352HUN-3.35	3,35	16	65	30	3	6
	F1352HUN-3.36	3,36	18	70	30	4	6
	F1352HUN-3.37	3,37	18	70	30	4	6
	F1352HUN-3.38	3,38	18	70	30	3	6
	F1352HUN-3.39	3,39	18	70	30	3	6
	F1352HUN-3.4	3,4	18	70	30	4	6
	F1352HUN-3.41	3,41	18	70	30	4	6
	F1352HUN-3.42	3,42	18	70	30	4	6
	F1352HUN-3.43	3,43	18	70	30	4	6
	F1352HUN-3.44	3,44	18	70	30	4	6
	F1352HUN-3.45	3,45	18	70	30	4	6
	F1352HUN-3.46	3,46	18	70	30	4	6
	F1352HUN-3.47	3,47	18	70	30	4	6
	F1352HUN-3.48	3,48	18	70	30	4	6
	F1352HUN-3.49	3,49	18	70	30	4	6
	F1352HUN-3.5	3,5	18	70	30	4	6
	F1352HUN-3.51	3,51	18	70	30	4	6
	F1352HUN-3.52	3,52	18	70	30	4	6
	F1352HUN-3.53	3,53	18	70	30	4	6
	F1352HUN-3.54	3,54	18	70	30	4	6
	F1352HUN-3.55	3,55	18	70	30	4	6
	F1352HUN-3.56	3,56	18	70	30	4	6
	F1352HUN-3.57	3,57	18	70	30	4	6
	F1352HUN-3.58	3,58	18	70	30	4	6
	F1352HUN-3.59	3,59	18	70	30	4	6
	F1352HUN-3.61	3,61	18	70	30	4	6
	F1352HUN-3.62	3,62	18	70	30	4	6
	F1352HUN-3.63	3,63	18	70	30	4	6

Tool	Designation	D _c mm	L _c mm	l ₁ mm	l ₅ mm	d ₁ h9 mm	Z EA
 Cylindrical shank	F1352HUN-3.64	3,64	18	70	30	4	6
	F1352HUN-3.65	3,65	18	70	30	4	6
	F1352HUN-3.66	3,66	18	70	30	4	6
	F1352HUN-3.67	3,67	18	70	30	4	6
	F1352HUN-3.68	3,68	18	70	30	4	6
	F1352HUN-3.69	3,69	18	70	30	4	6
	F1352HUN-3.71	3,71	18	70	30	4	6
	F1352HUN-3.72	3,72	18	70	30	4	6
	F1352HUN-3.73	3,73	18	70	30	4	6
	F1352HUN-3.74	3,74	18	70	30	4	6
	F1352HUN-3.75	3,75	18	70	30	4	6
	F1352HUN-3.76	3,76	19	75	32	4	6
	F1352HUN-3.77	3,77	19	75	32	4	6
	F1352HUN-3.78	3,78	19	75	32	4	6
	F1352HUN-3.79	3,79	19	75	32	4	6
	F1352HUN-3.81	3,81	19	75	32	4	6
	F1352HUN-3.82	3,82	19	75	32	4	6
	F1352HUN-3.83	3,83	19	75	32	4	6
	F1352HUN-3.84	3,84	19	75	32	4	6
	F1352HUN-3.85	3,85	19	75	32	4	6
	F1352HUN-3.86	3,86	19	75	32	4	6
	F1352HUN-3.87	3,87	19	75	32	4	6
	F1352HUN-3.88	3,88	19	75	32	4	6
	F1352HUN-3.89	3,89	19	75	32	4	6
	F1352HUN-3.9	3,9	19	75	32	4	6
	F1352HUN-3.91	3,91	19	75	32	4	6
	F1352HUN-3.92	3,92	19	75	32	4	6
	F1352HUN-3.93	3,93	19	75	32	4	6
	F1352HUN-3.94	3,94	19	75	32	4	6
	F1352HUN-3.95	3,95	19	75	32	4	6
	F1352HUN-3.96	3,96	19	75	32	4	6
	F1352HUN-3.97	3,97	19	75	32	4	6
	F1352HUN-3.98	3,98	19	75	32	4	6
	F1352HUN-3.99	3,99	19	75	32	4	6
	F1352HUN-4	4	19	75	32	4	6
	F1352HUN-4.01	4,01	19	75	32	4	6
	F1352HUN-4.02	4,02	19	75	32	4	6
	F1352HUN-4.03	4,03	19	75	32	4	6
	F1352HUN-4.04	4,04	19	75	32	4	6
	F1352HUN-4.05	4,05	19	75	32	4	6
	F1352HUN-4.06	4,06	19	75	32	4	6
	F1352HUN-4.07	4,07	19	75	32	4	6
	F1352HUN-4.08	4,08	19	75	32	4	6
	F1352HUN-4.09	4,09	19	75	32	4	6
	F1352HUN-4.1	4,1	19	75	32	4	6
	F1352HUN-4.11	4,11	19	75	32	4	6

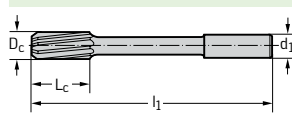
Tool	Designation	D _c mm	L _c mm	l ₁ mm	l ₅ mm	d ₁ h9 mm	Z EA
 Cylindrical shank	F1352HUN-4.12	4,12	19	75	32	4	6
	F1352HUN-4.13	4,13	19	75	32	4	6
	F1352HUN-4.14	4,14	19	75	32	4	6
	F1352HUN-4.15	4,15	19	75	32	4	6
	F1352HUN-4.16	4,16	19	75	32	4	6
	F1352HUN-4.17	4,17	19	75	32	4	6
	F1352HUN-4.18	4,18	19	75	32	4	6
	F1352HUN-4.19	4,19	19	75	32	4	6
	F1352HUN-4.2	4,2	19	75	32	4	6
	F1352HUN-4.21	4,21	19	75	32	4	6
	F1352HUN-4.22	4,22	19	75	32	4	6
	F1352HUN-4.23	4,23	19	75	32	4	6
	F1352HUN-4.24	4,24	19	75	32	4	6
	F1352HUN-4.25	4,25	19	75	32	4	6
	F1352HUN-4.26	4,26	21	80	33	5	6
	F1352HUN-4.27	4,27	21	80	33	5	6
	F1352HUN-4.28	4,28	21	80	33	5	6
	F1352HUN-4.29	4,29	21	80	33	5	6
	F1352HUN-4.3	4,3	21	80	33	5	6
	F1352HUN-4.31	4,31	21	80	33	5	6
	F1352HUN-4.32	4,32	21	80	33	5	6
	F1352HUN-4.33	4,33	21	80	33	5	6
	F1352HUN-4.34	4,34	21	80	33	5	6
	F1352HUN-4.35	4,35	21	80	33	5	6
	F1352HUN-4.36	4,36	21	80	33	5	6
	F1352HUN-4.37	4,37	21	80	33	5	6
	F1352HUN-4.38	4,38	21	80	33	5	6
	F1352HUN-4.39	4,39	21	80	33	5	6
	F1352HUN-4.41	4,41	21	80	33	5	6
	F1352HUN-4.42	4,42	21	80	33	5	6
	F1352HUN-4.43	4,43	21	80	33	5	6
	F1352HUN-4.44	4,44	21	80	33	5	6
	F1352HUN-4.45	4,45	21	80	33	5	6
	F1352HUN-4.46	4,46	21	80	33	5	6
	F1352HUN-4.47	4,47	21	80	33	5	6
	F1352HUN-4.48	4,48	21	80	33	5	6
	F1352HUN-4.49	4,49	21	80	33	5	6
	F1352HUN-4.5	4,5	21	80	33	5	6
	F1352HUN-4.51	4,51	21	80	33	5	6
	F1352HUN-4.52	4,52	21	80	33	5	6
	F1352HUN-4.53	4,53	21	80	33	5	6
	F1352HUN-4.54	4,54	21	80	33	5	6
	F1352HUN-4.55	4,55	21	80	33	5	6
	F1352HUN-4.56	4,56	21	80	33	5	6
	F1352HUN-4.57	4,57	21	80	33	5	6
	F1352HUN-4.58	4,58	21	80	33	5	6

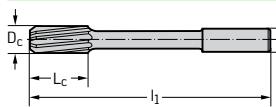
Tool	Designation	D _c mm	L _c mm	l ₁ mm	l ₅ mm	d ₁ h9 mm	Z EA
	F1352HUN-4.59	4,59	21	80	33	5	6
	F1352HUN-4.61	4,61	21	80	33	5	6
Cylindrical shank	F1352HUN-4.62	4,62	21	80	33	5	6
	F1352HUN-4.63	4,63	21	80	33	5	6
	F1352HUN-4.64	4,64	21	80	33	5	6
	F1352HUN-4.65	4,65	21	80	33	5	6
	F1352HUN-4.66	4,66	21	80	33	5	6
	F1352HUN-4.67	4,67	21	80	33	5	6
	F1352HUN-4.68	4,68	21	80	33	5	6
	F1352HUN-4.69	4,69	21	80	33	5	6
	F1352HUN-4.71	4,71	21	80	33	5	6
	F1352HUN-4.72	4,72	21	80	33	5	6
	F1352HUN-4.73	4,73	21	80	33	5	6
	F1352HUN-4.74	4,74	21	80	33	5	6
	F1352HUN-4.75	4,75	21	80	33	5	6
	F1352HUN-4.76	4,76	23	86	34	5	6
	F1352HUN-4.77	4,77	23	86	34	5	6
	F1352HUN-4.78	4,78	23	86	34	5	6
	F1352HUN-4.79	4,79	23	86	34	5	6
	F1352HUN-4.8	4,8	23	86	34	5	6
	F1352HUN-4.81	4,81	23	86	34	5	6
	F1352HUN-4.82	4,82	23	86	34	5	6
	F1352HUN-4.83	4,83	23	86	34	5	6
	F1352HUN-4.84	4,84	23	86	34	5	6
	F1352HUN-4.85	4,85	23	86	34	5	6
	F1352HUN-4.86	4,86	23	86	34	5	6
	F1352HUN-4.87	4,87	23	86	34	5	6
	F1352HUN-4.88	4,88	23	86	34	5	6
	F1352HUN-4.89	4,89	23	86	34	5	6
	F1352HUN-4.9	4,9	23	86	34	5	6
	F1352HUN-4.91	4,91	23	86	34	5	6
	F1352HUN-4.92	4,92	23	86	34	5	6
	F1352HUN-4.93	4,93	23	86	34	5	6
	F1352HUN-4.94	4,94	23	86	34	5	6
	F1352HUN-4.95	4,95	23	86	34	5	6
	F1352HUN-4.96	4,96	23	86	34	5	6
	F1352HUN-4.97	4,97	23	86	34	5	6
	F1352HUN-4.98	4,98	23	86	34	5	6
	F1352HUN-4.99	4,99	23	86	34	5	6
	F1352HUN-5	5	23	86	34	5	6
	F1352HUN-5.01	5,01	23	86	34	5	6
	F1352HUN-5.02	5,02	23	86	34	5	6
	F1352HUN-5.03	5,03	23	86	34	5	6
	F1352HUN-5.04	5,04	23	86	34	5	6
	F1352HUN-5.05	5,05	23	86	34	5	6
	F1352HUN-5.06	5,06	23	86	34	5	6

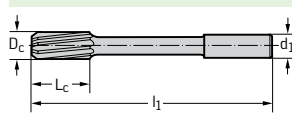
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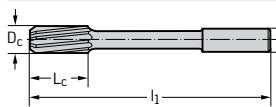
**WALTER
SELECT**

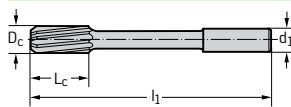
●● Primary application ● Other application
 Best tool for → Good = 😊 → Average = 😐 → Poor = ☹️ machining conditions

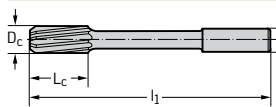
Tool		D _c mm	L _c mm	l ₁ mm	l ₅ mm	d ₁ h9 mm	Z EA
 Cylindrical shank	Designation						
	F1352HUN-5.07	5,07	23	86	34	5	6
	F1352HUN-5.08	5,08	23	86	34	5	6
	F1352HUN-5.09	5,09	23	86	34	5	6
	F1352HUN-5.1	5,1	23	86	34	5	6
	F1352HUN-5.11	5,11	23	86	34	5	6
	F1352HUN-5.12	5,12	23	86	34	5	6
	F1352HUN-5.13	5,13	23	86	34	5	6
	F1352HUN-5.14	5,14	23	86	34	5	6
	F1352HUN-5.15	5,15	23	86	34	5	6
	F1352HUN-5.16	5,16	23	86	34	5	6
	F1352HUN-5.17	5,17	23	86	34	5	6
	F1352HUN-5.18	5,18	23	86	34	5	6
	F1352HUN-5.19	5,19	23	86	34	5	6
	F1352HUN-5.2	5,2	23	86	34	5	6
	F1352HUN-5.21	5,21	23	86	34	5	6
	F1352HUN-5.22	5,22	23	86	34	5	6
	F1352HUN-5.23	5,23	23	86	34	5	6
	F1352HUN-5.24	5,24	23	86	34	5	6
	F1352HUN-5.25	5,25	23	86	34	5	6
	F1352HUN-5.26	5,26	23	86	34	5	6
	F1352HUN-5.27	5,27	23	86	34	5	6
	F1352HUN-5.28	5,28	23	86	34	5	6
	F1352HUN-5.29	5,29	23	86	34	5	6
	F1352HUN-5.31	5,31	26	93	36	6	6
	F1352HUN-5.32	5,32	26	93	36	6	6
	F1352HUN-5.33	5,33	26	93	36	6	6
	F1352HUN-5.34	5,34	26	93	36	6	6
	F1352HUN-5.35	5,35	26	93	36	6	6
	F1352HUN-5.36	5,36	26	93	36	6	6
	F1352HUN-5.37	5,37	26	93	36	6	6
	F1352HUN-5.38	5,38	26	93	36	6	6
	F1352HUN-5.39	5,39	26	93	36	6	6
	F1352HUN-5.41	5,41	26	93	36	6	6
	F1352HUN-5.42	5,42	26	93	36	6	6
	F1352HUN-5.43	5,43	26	93	36	6	6
	F1352HUN-5.44	5,44	26	93	36	6	6
	F1352HUN-5.45	5,45	26	93	36	6	6
	F1352HUN-5.46	5,46	26	93	36	6	6
	F1352HUN-5.47	5,47	26	93	36	6	6
	F1352HUN-5.48	5,48	26	93	36	6	6
	F1352HUN-5.49	5,49	26	93	36	6	6
	F1352HUN-5.5	5,5	26	93	36	6	6
	F1352HUN-5.51	5,51	26	93	36	6	6
	F1352HUN-5.52	5,52	26	93	36	6	6
	F1352HUN-5.53	5,53	26	93	36	6	6
	F1352HUN-5.54	5,54	26	93	36	6	6

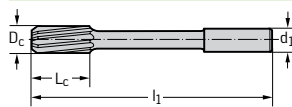
Tool	Designation	D _c mm	L _c mm	l ₁ mm	l ₅ mm	d ₁ h9 mm	Z EA
	F1352HUN-5.55	5,55	26	93	36	6	6
	F1352HUN-5.56	5,56	26	93	36	6	6
	F1352HUN-5.57	5,57	26	93	36	6	6
Cylindrical shank	F1352HUN-5.58	5,58	26	93	36	6	6
	F1352HUN-5.59	5,59	26	93	36	6	6
	F1352HUN-5.6	5,6	26	93	36	6	6
	F1352HUN-5.61	5,61	26	93	36	6	6
	F1352HUN-5.62	5,62	26	93	36	6	6
	F1352HUN-5.63	5,63	26	93	36	6	6
	F1352HUN-5.64	5,64	26	93	36	6	6
	F1352HUN-5.65	5,65	26	93	36	6	6
	F1352HUN-5.66	5,66	26	93	36	6	6
	F1352HUN-5.67	5,67	26	93	36	6	6
	F1352HUN-5.68	5,68	26	93	36	6	6
	F1352HUN-5.69	5,69	26	93	36	6	6
	F1352HUN-5.71	5,71	26	93	36	6	6
	F1352HUN-5.72	5,72	26	93	36	6	6
	F1352HUN-5.73	5,73	26	93	36	6	6
	F1352HUN-5.74	5,74	26	93	36	6	6
	F1352HUN-5.75	5,75	26	93	36	6	6
	F1352HUN-5.76	5,76	26	93	36	6	6
	F1352HUN-5.77	5,77	26	93	36	6	6
	F1352HUN-5.78	5,78	26	93	36	6	6
	F1352HUN-5.79	5,79	26	93	36	6	6
	F1352HUN-5.81	5,81	26	93	36	6	6
	F1352HUN-5.82	5,82	26	93	36	6	6
	F1352HUN-5.83	5,83	26	93	36	6	6
	F1352HUN-5.84	5,84	26	93	36	6	6
	F1352HUN-5.85	5,85	26	93	36	6	6
	F1352HUN-5.86	5,86	26	93	36	6	6
	F1352HUN-5.87	5,87	26	93	36	6	6
	F1352HUN-5.88	5,88	26	93	36	6	6
	F1352HUN-5.89	5,89	26	93	36	6	6
	F1352HUN-5.91	5,91	26	93	36	6	6
	F1352HUN-5.92	5,92	26	93	36	6	6
	F1352HUN-5.93	5,93	26	93	36	6	6
	F1352HUN-5.94	5,94	26	93	36	6	6
	F1352HUN-5.95	5,95	26	93	36	6	6
	F1352HUN-5.96	5,96	26	93	36	6	6
	F1352HUN-5.97	5,97	26	93	36	6	6
	F1352HUN-5.98	5,98	26	93	36	6	6
	F1352HUN-5.99	5,99	26	93	36	6	6
	F1352HUN-6	6	26	93	36	6	6
	F1352HUN-6.01	6,01	26	93	36	6	6
	F1352HUN-6.02	6,02	26	93	36	6	6
	F1352HUN-6.03	6,03	26	93	36	6	6

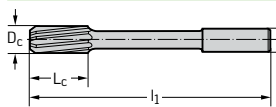
Tool	Designation	D _c mm	L _c mm	l ₁ mm	l ₅ mm	d ₁ h9 mm	Z EA
 Cylindrical shank	F1352HUN-6.04	6,04	28	101	38	6	6
	F1352HUN-6.05	6,05	28	101	38	6	6
	F1352HUN-6.06	6,06	28	101	38	6	6
	F1352HUN-6.07	6,07	28	101	38	6	6
	F1352HUN-6.08	6,08	28	101	38	6	6
	F1352HUN-6.09	6,09	28	101	38	6	6
	F1352HUN-6.1	6,1	28	101	38	6	6
	F1352HUN-6.11	6,11	28	101	38	6	6
	F1352HUN-6.12	6,12	28	101	38	6	6
	F1352HUN-6.13	6,13	28	101	38	6	6
	F1352HUN-6.14	6,14	28	101	38	6	6
	F1352HUN-6.15	6,15	28	101	38	6	6
	F1352HUN-6.16	6,16	28	101	38	6	6
	F1352HUN-6.17	6,17	28	101	38	6	6
	F1352HUN-6.18	6,18	28	101	38	6	6
	F1352HUN-6.19	6,19	28	101	38	6	6
	F1352HUN-6.2	6,2	28	101	38	6	6
	F1352HUN-6.21	6,21	28	101	38	6	6
	F1352HUN-6.22	6,22	28	101	38	6	6
	F1352HUN-6.23	6,23	28	101	38	6	6
	F1352HUN-6.24	6,24	28	101	38	6	6
	F1352HUN-6.25	6,25	28	101	38	6	6
	F1352HUN-6.26	6,26	28	101	38	6	6
	F1352HUN-6.27	6,27	28	101	38	6	6
	F1352HUN-6.28	6,28	28	101	38	6	6
	F1352HUN-6.29	6,29	28	101	38	6	6
	F1352HUN-6.31	6,31	28	101	38	6	6
	F1352HUN-6.32	6,32	28	101	38	6	6
	F1352HUN-6.33	6,33	28	101	38	6	6
	F1352HUN-6.34	6,34	28	101	38	6	6
	F1352HUN-6.35	6,35	28	101	38	6	6
	F1352HUN-6.36	6,36	28	101	38	6	6
	F1352HUN-6.37	6,37	28	101	38	6	6
	F1352HUN-6.38	6,38	28	101	38	6	6
	F1352HUN-6.39	6,39	28	101	38	6	6
	F1352HUN-6.4	6,4	28	101	38	6	6
	F1352HUN-6.41	6,41	28	101	38	6	6
	F1352HUN-6.42	6,42	28	101	38	6	6
	F1352HUN-6.43	6,43	28	101	38	6	6
	F1352HUN-6.44	6,44	28	101	38	6	6
	F1352HUN-6.45	6,45	28	101	38	6	6
	F1352HUN-6.46	6,46	28	101	38	6	6
	F1352HUN-6.47	6,47	28	101	38	6	6
	F1352HUN-6.48	6,48	28	101	38	6	6
	F1352HUN-6.49	6,49	28	101	38	6	6
	F1352HUN-6.51	6,51	28	101	38	6	6

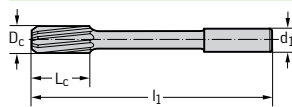
Tool	Designation	D _c mm	L _c mm	l ₁ mm	l ₅ mm	d ₁ h9 mm	Z EA
	F1352HUN-6.52	6,52	28	101	38	6	6
	F1352HUN-6.53	6,53	28	101	38	6	6
Cylindrical shank	F1352HUN-6.54	6,54	28	101	38	6	6
	F1352HUN-6.55	6,55	28	101	38	6	6
	F1352HUN-6.56	6,56	28	101	38	6	6
	F1352HUN-6.57	6,57	28	101	38	6	6
	F1352HUN-6.58	6,58	28	101	38	6	6
	F1352HUN-6.59	6,59	28	101	38	6	6
	F1352HUN-6.61	6,61	28	101	38	6	6
	F1352HUN-6.62	6,62	28	101	38	6	6
	F1352HUN-6.63	6,63	28	101	38	6	6
	F1352HUN-6.64	6,64	28	101	38	6	6
	F1352HUN-6.65	6,65	28	101	38	6	6
	F1352HUN-6.66	6,66	28	101	38	6	6
	F1352HUN-6.67	6,67	28	101	38	6	6
	F1352HUN-6.68	6,68	28	101	38	6	6
	F1352HUN-6.69	6,69	28	101	38	6	6
	F1352HUN-6.71	6,71	31	109	40	7	6
	F1352HUN-6.72	6,72	31	109	40	7	6
	F1352HUN-6.73	6,73	31	109	40	7	6
	F1352HUN-6.74	6,74	31	109	40	7	6
	F1352HUN-6.75	6,75	31	109	40	7	6
	F1352HUN-6.76	6,76	31	109	40	7	6
	F1352HUN-6.77	6,77	31	109	40	7	6
	F1352HUN-6.78	6,78	31	109	40	7	6
	F1352HUN-6.79	6,79	31	109	40	7	6
	F1352HUN-6.81	6,81	31	109	40	7	6
	F1352HUN-6.82	6,82	31	109	40	7	6
	F1352HUN-6.83	6,83	31	109	40	7	6
	F1352HUN-6.84	6,84	31	109	40	7	6
	F1352HUN-6.85	6,85	31	109	40	7	6
	F1352HUN-6.86	6,86	31	109	40	7	6
	F1352HUN-6.87	6,87	31	109	40	7	6
	F1352HUN-6.88	6,88	31	109	40	7	6
	F1352HUN-6.89	6,89	31	109	40	7	6
	F1352HUN-6.91	6,91	31	109	40	7	6
	F1352HUN-6.92	6,92	31	109	40	7	6
	F1352HUN-6.93	6,93	31	109	40	7	6
	F1352HUN-6.94	6,94	31	109	40	7	6
	F1352HUN-6.95	6,95	31	109	40	7	6
	F1352HUN-6.96	6,96	31	109	40	7	6
	F1352HUN-6.97	6,97	31	109	40	7	6
	F1352HUN-6.98	6,98	31	109	40	7	6
	F1352HUN-6.99	6,99	31	109	40	7	6
	F1352HUN-7	7	31	109	40	7	6
	F1352HUN-7.01	7,01	31	109	40	7	6

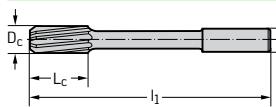
Tool		Designation	D _c mm	L _c mm	l ₁ mm	l ₅ mm	d ₁ h9 mm	Z EA
	Cylindrical shank	F1352HUN-7.02	7,02	31	109	40	7	6
		F1352HUN-7.03	7,03	31	109	40	7	6
		F1352HUN-7.04	7,04	31	109	40	7	6
		F1352HUN-7.05	7,05	31	109	40	7	6
		F1352HUN-7.06	7,06	31	109	40	7	6
		F1352HUN-7.07	7,07	31	109	40	7	6
		F1352HUN-7.08	7,08	31	109	40	7	6
		F1352HUN-7.09	7,09	31	109	40	7	6
		F1352HUN-7.11	7,11	31	109	40	7	6
		F1352HUN-7.12	7,12	31	109	40	7	6
		F1352HUN-7.13	7,13	31	109	40	7	6
		F1352HUN-7.14	7,14	31	109	40	7	6
		F1352HUN-7.15	7,15	31	109	40	7	6
		F1352HUN-7.16	7,16	31	109	40	7	6
		F1352HUN-7.17	7,17	31	109	40	7	6
		F1352HUN-7.18	7,18	31	109	40	7	6
		F1352HUN-7.19	7,19	31	109	40	7	6
		F1352HUN-7.21	7,21	31	109	40	7	6
		F1352HUN-7.22	7,22	31	109	40	7	6
		F1352HUN-7.23	7,23	31	109	40	7	6
		F1352HUN-7.24	7,24	31	109	40	7	6
		F1352HUN-7.25	7,25	31	109	40	7	6
		F1352HUN-7.26	7,26	31	109	40	7	6
		F1352HUN-7.27	7,27	31	109	40	7	6
		F1352HUN-7.28	7,28	31	109	40	7	6
		F1352HUN-7.29	7,29	31	109	40	7	6
		F1352HUN-7.31	7,31	31	109	40	7	6
		F1352HUN-7.32	7,32	31	109	40	7	6
		F1352HUN-7.33	7,33	31	109	40	7	6
		F1352HUN-7.34	7,34	31	109	40	7	6
		F1352HUN-7.35	7,35	31	109	40	7	6
		F1352HUN-7.36	7,36	31	109	40	7	6
		F1352HUN-7.37	7,37	31	109	40	7	6
		F1352HUN-7.38	7,38	31	109	40	7	6
		F1352HUN-7.39	7,39	31	109	40	7	6
		F1352HUN-7.41	7,41	31	109	40	7	6
		F1352HUN-7.42	7,42	31	109	40	7	6
		F1352HUN-7.43	7,43	31	109	40	7	6
		F1352HUN-7.44	7,44	31	109	40	7	6
		F1352HUN-7.45	7,45	31	109	40	7	6
		F1352HUN-7.46	7,46	31	109	40	7	6
		F1352HUN-7.47	7,47	31	109	40	7	6
		F1352HUN-7.48	7,48	31	109	40	7	6
		F1352HUN-7.49	7,49	31	109	40	7	6
		F1352HUN-7.5	7,5	31	109	40	7	6
		F1352HUN-7.51	7,51	33	117	42	8	6

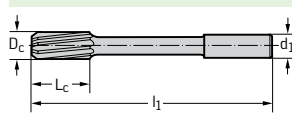
Tool	Designation	D _c mm	L _c mm	l ₁ mm	l ₅ mm	d ₁ h9 mm	Z EA
	F1352HUN-7.52	7,52	33	117	42	8	6
	F1352HUN-7.53	7,53	33	117	42	8	6
Cylindrical shank	F1352HUN-7.54	7,54	33	117	42	8	6
	F1352HUN-7.55	7,55	33	117	42	8	6
	F1352HUN-7.56	7,56	33	117	42	8	6
	F1352HUN-7.57	7,57	33	117	42	8	6
	F1352HUN-7.58	7,58	33	117	42	8	6
	F1352HUN-7.59	7,59	33	117	42	8	6
	F1352HUN-7.61	7,61	33	117	42	8	6
	F1352HUN-7.62	7,62	33	117	42	8	6
	F1352HUN-7.63	7,63	33	117	42	8	6
	F1352HUN-7.64	7,64	33	117	42	8	6
	F1352HUN-7.65	7,65	33	117	42	8	6
	F1352HUN-7.66	7,66	33	117	42	8	6
	F1352HUN-7.67	7,67	33	117	42	8	6
	F1352HUN-7.68	7,68	33	117	42	8	6
	F1352HUN-7.69	7,69	33	117	42	8	6
	F1352HUN-7.71	7,71	33	117	42	8	6
	F1352HUN-7.72	7,72	33	117	42	8	6
	F1352HUN-7.73	7,73	33	117	42	8	6
	F1352HUN-7.74	7,74	33	117	42	8	6
	F1352HUN-7.75	7,75	33	117	42	8	6
	F1352HUN-7.76	7,76	33	117	42	8	6
	F1352HUN-7.77	7,77	33	117	42	8	6
	F1352HUN-7.78	7,78	33	117	42	8	6
	F1352HUN-7.79	7,79	33	117	42	8	6
	F1352HUN-7.81	7,81	33	117	42	8	6
	F1352HUN-7.82	7,82	33	117	42	8	6
	F1352HUN-7.83	7,83	33	117	42	8	6
	F1352HUN-7.84	7,84	33	117	42	8	6
	F1352HUN-7.85	7,85	33	117	42	8	6
	F1352HUN-7.86	7,86	33	117	42	8	6
	F1352HUN-7.87	7,87	33	117	42	8	6
	F1352HUN-7.88	7,88	33	117	42	8	6
	F1352HUN-7.89	7,89	33	117	42	8	6
	F1352HUN-7.91	7,91	33	117	42	8	6
	F1352HUN-7.92	7,92	33	117	42	8	6
	F1352HUN-7.93	7,93	33	117	42	8	6
	F1352HUN-7.94	7,94	33	117	42	8	6
	F1352HUN-7.95	7,95	33	117	42	8	6
	F1352HUN-7.96	7,96	33	117	42	8	6
	F1352HUN-7.97	7,97	33	117	42	8	6
	F1352HUN-7.98	7,98	33	117	42	8	6
	F1352HUN-7.99	7,99	33	117	42	8	6
	F1352HUN-8	8	33	117	42	8	6
	F1352HUN-8.01	8,01	33	117	42	8	6

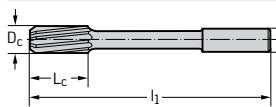
Tool	Designation	D _c mm	L _c mm	l ₁ mm	l ₅ mm	d ₁ h9 mm	Z EA
 Cylindrical shank	F1352HUN-8.02	8,02	33	117	42	8	6
	F1352HUN-8.03	8,03	33	117	42	8	6
	F1352HUN-8.04	8,04	33	117	42	8	6
	F1352HUN-8.05	8,05	33	117	42	8	6
	F1352HUN-8.06	8,06	33	117	42	8	6
	F1352HUN-8.07	8,07	33	117	42	8	6
	F1352HUN-8.08	8,08	33	117	42	8	6
	F1352HUN-8.09	8,09	33	117	42	8	6
	F1352HUN-8.1	8,1	33	117	42	8	6
	F1352HUN-8.11	8,11	33	117	42	8	6
	F1352HUN-8.12	8,12	33	117	42	8	6
	F1352HUN-8.13	8,13	33	117	42	8	6
	F1352HUN-8.14	8,14	33	117	42	8	6
	F1352HUN-8.15	8,15	33	117	42	8	6
	F1352HUN-8.16	8,16	33	117	42	8	6
	F1352HUN-8.17	8,17	33	117	42	8	6
	F1352HUN-8.18	8,18	33	117	42	8	6
	F1352HUN-8.19	8,19	33	117	42	8	6
	F1352HUN-8.2	8,2	33	117	42	8	6
	F1352HUN-8.21	8,21	33	117	42	8	6
	F1352HUN-8.22	8,22	33	117	42	8	6
	F1352HUN-8.23	8,23	33	117	42	8	6
	F1352HUN-8.24	8,24	33	117	42	8	6
	F1352HUN-8.25	8,25	33	117	42	8	6
	F1352HUN-8.26	8,26	33	117	42	8	6
	F1352HUN-8.27	8,27	33	117	42	8	6
	F1352HUN-8.28	8,28	33	117	42	8	6
	F1352HUN-8.29	8,29	33	117	42	8	6
	F1352HUN-8.3	8,3	33	117	42	8	6
	F1352HUN-8.31	8,31	33	117	42	8	6
	F1352HUN-8.32	8,32	33	117	42	8	6
	F1352HUN-8.33	8,33	33	117	42	8	6
	F1352HUN-8.34	8,34	33	117	42	8	6
	F1352HUN-8.35	8,35	33	117	42	8	6
	F1352HUN-8.36	8,36	33	117	42	8	6
	F1352HUN-8.37	8,37	33	117	42	8	6
	F1352HUN-8.38	8,38	33	117	42	8	6
	F1352HUN-8.39	8,39	33	117	42	8	6
	F1352HUN-8.41	8,41	33	117	42	8	6
	F1352HUN-8.42	8,42	33	117	42	8	6
	F1352HUN-8.43	8,43	33	117	42	8	6
	F1352HUN-8.44	8,44	33	117	42	8	6
	F1352HUN-8.45	8,45	33	117	42	8	6
	F1352HUN-8.46	8,46	33	117	42	8	6
	F1352HUN-8.47	8,47	33	117	42	8	6
	F1352HUN-8.48	8,48	33	117	42	8	6

Tool	Designation	D _c mm	L _c mm	l ₁ mm	l ₅ mm	d ₁ h9 mm	Z EA
	F1352HUN-8.49	8,49	33	117	42	8	6
	F1352HUN-8.5	8,5	33	117	42	8	6
Cylindrical shank	F1352HUN-8.51	8,51	36	125	44	9	6
	F1352HUN-8.52	8,52	36	125	44	9	6
	F1352HUN-8.53	8,53	36	125	44	9	6
	F1352HUN-8.54	8,54	36	125	44	9	6
	F1352HUN-8.55	8,55	36	125	44	9	6
	F1352HUN-8.56	8,56	36	125	44	9	6
	F1352HUN-8.57	8,57	36	125	44	9	6
	F1352HUN-8.58	8,58	36	125	44	9	6
	F1352HUN-8.59	8,59	36	125	44	9	6
	F1352HUN-8.61	8,61	36	125	44	9	6
	F1352HUN-8.62	8,62	36	125	44	9	6
	F1352HUN-8.63	8,63	36	125	44	9	6
	F1352HUN-8.64	8,64	36	125	44	9	6
	F1352HUN-8.65	8,65	36	125	44	9	6
	F1352HUN-8.66	8,66	36	125	44	9	6
	F1352HUN-8.67	8,67	36	125	44	9	6
	F1352HUN-8.68	8,68	36	125	44	9	6
	F1352HUN-8.69	8,69	36	125	44	9	6
	F1352HUN-8.71	8,71	36	125	44	9	6
	F1352HUN-8.72	8,72	36	125	44	9	6
	F1352HUN-8.73	8,73	36	125	44	9	6
	F1352HUN-8.74	8,74	36	125	44	9	6
	F1352HUN-8.75	8,75	36	125	44	9	6
	F1352HUN-8.76	8,76	36	125	44	9	6
	F1352HUN-8.77	8,77	36	125	44	9	6
	F1352HUN-8.78	8,78	36	125	44	9	6
	F1352HUN-8.79	8,79	36	125	44	9	6
	F1352HUN-8.81	8,81	36	125	44	9	6
	F1352HUN-8.82	8,82	36	125	44	9	6
	F1352HUN-8.83	8,83	36	125	44	9	6
	F1352HUN-8.84	8,84	36	125	44	9	6
	F1352HUN-8.85	8,85	36	125	44	9	6
	F1352HUN-8.86	8,86	36	125	44	9	6
	F1352HUN-8.87	8,87	36	125	44	9	6
	F1352HUN-8.88	8,88	36	125	44	9	6
	F1352HUN-8.89	8,89	36	125	44	9	6
	F1352HUN-8.91	8,91	36	125	44	9	6
	F1352HUN-8.92	8,92	36	125	44	9	6
	F1352HUN-8.93	8,93	36	125	44	9	6
	F1352HUN-8.94	8,94	36	125	44	9	6
	F1352HUN-8.95	8,95	36	125	44	9	6
	F1352HUN-8.96	8,96	36	125	44	9	6
	F1352HUN-8.97	8,97	36	125	44	9	6
	F1352HUN-8.98	8,98	36	125	44	9	6

Tool	Designation	D _c mm	L _c mm	l ₁ mm	l ₅ mm	d ₁ h9 mm	Z EA
 Cylindrical shank	F1352HUN-8.99	8,99	36	125	44	9	6
	F1352HUN-9	9	36	125	44	9	6
	F1352HUN-9.01	9,01	36	125	44	9	6
	F1352HUN-9.02	9,02	36	125	44	9	6
	F1352HUN-9.03	9,03	36	125	44	9	6
	F1352HUN-9.04	9,04	36	125	44	9	6
	F1352HUN-9.05	9,05	36	125	44	9	6
	F1352HUN-9.06	9,06	36	125	44	9	6
	F1352HUN-9.07	9,07	36	125	44	9	6
	F1352HUN-9.08	9,08	36	125	44	9	6
	F1352HUN-9.09	9,09	36	125	44	9	6
	F1352HUN-9.11	9,11	36	125	44	9	6
	F1352HUN-9.12	9,12	36	125	44	9	6
	F1352HUN-9.13	9,13	36	125	44	9	6
	F1352HUN-9.14	9,14	36	125	44	9	6
	F1352HUN-9.15	9,15	36	125	44	9	6
	F1352HUN-9.16	9,16	36	125	44	9	6
	F1352HUN-9.17	9,17	36	125	44	9	6
	F1352HUN-9.18	9,18	36	125	44	9	6
	F1352HUN-9.19	9,19	36	125	44	9	6
	F1352HUN-9.21	9,21	36	125	44	9	6
	F1352HUN-9.22	9,22	36	125	44	9	6
	F1352HUN-9.23	9,23	36	125	44	9	6
	F1352HUN-9.24	9,24	36	125	44	9	6
	F1352HUN-9.25	9,25	36	125	44	9	6
	F1352HUN-9.26	9,26	36	125	44	9	6
	F1352HUN-9.27	9,27	36	125	44	9	6
	F1352HUN-9.28	9,28	36	125	44	9	6
	F1352HUN-9.29	9,29	36	125	44	9	6
	F1352HUN-9.31	9,31	36	125	44	9	6
	F1352HUN-9.32	9,32	36	125	44	9	6
	F1352HUN-9.33	9,33	36	125	44	9	6
	F1352HUN-9.34	9,34	36	125	44	9	6
	F1352HUN-9.35	9,35	36	125	44	9	6
	F1352HUN-9.36	9,36	36	125	44	9	6
	F1352HUN-9.37	9,37	36	125	44	9	6
	F1352HUN-9.38	9,38	36	125	44	9	6
	F1352HUN-9.39	9,39	36	125	44	9	6
	F1352HUN-9.41	9,41	36	125	44	9	6
	F1352HUN-9.42	9,42	36	125	44	9	6
	F1352HUN-9.43	9,43	36	125	44	9	6
	F1352HUN-9.44	9,44	36	125	44	9	6
	F1352HUN-9.45	9,45	36	125	44	9	6
	F1352HUN-9.46	9,46	36	125	44	9	6
	F1352HUN-9.47	9,47	36	125	44	9	6
	F1352HUN-9.48	9,48	36	125	44	9	6

Tool	Designation	D _c mm	L _c mm	l ₁ mm	l ₅ mm	d ₁ h9 mm	Z EA
 Cylindrical shank	F1352HUN-9.49	9,49	36	125	44	9	6
	F1352HUN-9.51	9,51	38	133	46	10	6
	F1352HUN-9.52	9,52	38	133	46	10	6
	F1352HUN-9.53	9,53	38	133	46	10	6
	F1352HUN-9.54	9,54	38	133	46	10	6
	F1352HUN-9.55	9,55	38	133	46	10	6
	F1352HUN-9.56	9,56	38	133	46	10	6
	F1352HUN-9.57	9,57	38	133	46	10	6
	F1352HUN-9.58	9,58	38	133	46	10	6
	F1352HUN-9.59	9,59	38	133	46	10	6
	F1352HUN-9.61	9,61	38	133	46	10	6
	F1352HUN-9.62	9,62	38	133	46	10	6
	F1352HUN-9.63	9,63	38	133	46	10	6
	F1352HUN-9.64	9,64	38	133	46	10	6
	F1352HUN-9.65	9,65	38	133	46	10	6
	F1352HUN-9.66	9,66	38	133	46	10	6
	F1352HUN-9.67	9,67	38	133	46	10	6
	F1352HUN-9.68	9,68	38	133	46	10	6
	F1352HUN-9.69	9,69	38	133	46	10	6
	F1352HUN-9.71	9,71	38	133	46	10	6
	F1352HUN-9.72	9,72	38	133	46	10	6
	F1352HUN-9.73	9,73	38	133	46	10	6
	F1352HUN-9.74	9,74	38	133	46	10	6
	F1352HUN-9.75	9,75	38	133	46	10	6
	F1352HUN-9.76	9,76	38	133	46	10	6
	F1352HUN-9.77	9,77	38	133	46	10	6
	F1352HUN-9.78	9,78	38	133	46	10	6
	F1352HUN-9.79	9,79	38	133	46	10	6
	F1352HUN-9.81	9,81	38	133	46	10	6
	F1352HUN-9.82	9,82	38	133	46	10	6
	F1352HUN-9.83	9,83	38	133	46	10	6
	F1352HUN-9.84	9,84	38	133	46	10	6
	F1352HUN-9.85	9,85	38	133	46	10	6
	F1352HUN-9.86	9,86	38	133	46	10	6
	F1352HUN-9.87	9,87	38	133	46	10	6
	F1352HUN-9.88	9,88	38	133	46	10	6
	F1352HUN-9.89	9,89	38	133	46	10	6
	F1352HUN-9.91	9,91	38	133	46	10	6
	F1352HUN-9.92	9,92	38	133	46	10	6
	F1352HUN-9.93	9,93	38	133	46	10	6
	F1352HUN-9.94	9,94	38	133	46	10	6
	F1352HUN-9.95	9,95	38	133	46	10	6
	F1352HUN-9.96	9,96	38	133	46	10	6
	F1352HUN-9.97	9,97	38	133	46	10	6
	F1352HUN-9.98	9,98	38	133	46	10	6
	F1352HUN-9.99	9,99	38	133	46	10	6

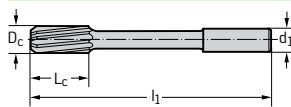
Tool	Designation	D _c mm	L _c mm	l ₁ mm	l ₅ mm	d ₁ h9 mm	Z EA
 Cylindrical shank	F1352HUN-10	10	38	133	46	10	6
	F1352HUN-10.01	10,01	38	133	46	10	6
	F1352HUN-10.02	10,02	38	133	46	10	6
	F1352HUN-10.03	10,03	38	133	46	10	6
	F1352HUN-10.04	10,04	38	133	46	10	6
	F1352HUN-10.05	10,05	38	133	46	10	6
	F1352HUN-10.06	10,06	38	133	46	10	6
	F1352HUN-10.07	10,07	38	133	46	10	6
	F1352HUN-10.08	10,08	38	133	46	10	6
	F1352HUN-10.09	10,09	38	133	46	10	6
	F1352HUN-10.1	10,1	38	133	46	10	6
	F1352HUN-10.11	10,11	38	133	46	10	6
	F1352HUN-10.12	10,12	38	133	46	10	6
	F1352HUN-10.13	10,13	38	133	46	10	6
	F1352HUN-10.14	10,14	38	133	46	10	6
	F1352HUN-10.15	10,15	38	133	46	10	6
	F1352HUN-10.16	10,16	38	133	46	10	6
	F1352HUN-10.17	10,17	38	133	46	10	6
	F1352HUN-10.18	10,18	38	133	46	10	6
	F1352HUN-10.19	10,19	38	133	46	10	6
	F1352HUN-10.2	10,2	38	133	46	10	6
	F1352HUN-10.21	10,21	38	133	46	10	6
	F1352HUN-10.22	10,22	38	133	46	10	6
	F1352HUN-10.23	10,23	38	133	46	10	6
	F1352HUN-10.24	10,24	38	133	46	10	6
	F1352HUN-10.25	10,25	38	133	46	10	6
	F1352HUN-10.26	10,26	38	133	46	10	6
	F1352HUN-10.27	10,27	38	133	46	10	6
	F1352HUN-10.28	10,28	38	133	46	10	6
	F1352HUN-10.29	10,29	38	133	46	10	6
	F1352HUN-10.31	10,31	38	133	46	10	6
	F1352HUN-10.32	10,32	38	133	46	10	6
	F1352HUN-10.33	10,33	38	133	46	10	6
	F1352HUN-10.34	10,34	38	133	46	10	6
	F1352HUN-10.35	10,35	38	133	46	10	6
	F1352HUN-10.36	10,36	38	133	46	10	6
	F1352HUN-10.37	10,37	38	133	46	10	6
	F1352HUN-10.38	10,38	38	133	46	10	6
	F1352HUN-10.39	10,39	38	133	46	10	6
	F1352HUN-10.41	10,41	38	133	46	10	6
	F1352HUN-10.42	10,42	38	133	46	10	6
	F1352HUN-10.43	10,43	38	133	46	10	6
	F1352HUN-10.44	10,44	38	133	46	10	6
	F1352HUN-10.45	10,45	38	133	46	10	6
	F1352HUN-10.46	10,46	38	133	46	10	6
	F1352HUN-10.47	10,47	38	133	46	10	6

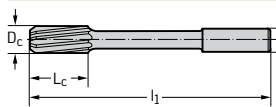
Tool	Designation	D _c mm	L _c mm	l ₁ mm	l ₅ mm	d ₁ h9 mm	Z EA
	F1352HUN-10.48	10,48	38	133	46	10	6
	F1352HUN-10.49	10,49	38	133	46	10	6
Cylindrical shank	F1352HUN-10.51	10,51	38	133	46	10	6
	F1352HUN-10.52	10,52	38	133	46	10	6
	F1352HUN-10.53	10,53	38	133	46	10	6
	F1352HUN-10.54	10,54	38	133	46	10	6
	F1352HUN-10.55	10,55	38	133	46	10	6
	F1352HUN-10.56	10,56	38	133	46	10	6
	F1352HUN-10.57	10,57	38	133	46	10	6
	F1352HUN-10.58	10,58	38	133	46	10	6
	F1352HUN-10.59	10,59	38	133	46	10	6
	F1352HUN-10.61	10,61	41	142	46	10	6
	F1352HUN-10.62	10,62	41	142	46	10	6
	F1352HUN-10.63	10,63	41	142	46	10	6
	F1352HUN-10.64	10,64	41	142	46	10	6
	F1352HUN-10.65	10,65	41	142	46	10	6
	F1352HUN-10.66	10,66	41	142	46	10	6
	F1352HUN-10.67	10,67	41	142	46	10	6
	F1352HUN-10.68	10,68	41	142	46	10	6
	F1352HUN-10.69	10,69	41	142	46	10	6
	F1352HUN-10.71	10,71	41	142	46	10	6
	F1352HUN-10.72	10,72	41	142	46	10	6
	F1352HUN-10.73	10,73	41	142	46	10	6
	F1352HUN-10.74	10,74	41	142	46	10	6
	F1352HUN-10.75	10,75	41	142	46	10	6
	F1352HUN-10.76	10,76	41	142	46	10	6
	F1352HUN-10.77	10,77	41	142	46	10	6
	F1352HUN-10.78	10,78	41	142	46	10	6
	F1352HUN-10.79	10,79	41	142	46	10	6
	F1352HUN-10.81	10,81	41	142	46	10	6
	F1352HUN-10.82	10,82	41	142	46	10	6
	F1352HUN-10.83	10,83	41	142	46	10	6
	F1352HUN-10.84	10,84	41	142	46	10	6
	F1352HUN-10.85	10,85	41	142	46	10	6
	F1352HUN-10.86	10,86	41	142	46	10	6
	F1352HUN-10.87	10,87	41	142	46	10	6
	F1352HUN-10.88	10,88	41	142	46	10	6
	F1352HUN-10.89	10,89	41	142	46	10	6
	F1352HUN-10.91	10,91	41	142	46	10	6
	F1352HUN-10.92	10,92	41	142	46	10	6
	F1352HUN-10.93	10,93	41	142	46	10	6
	F1352HUN-10.94	10,94	41	142	46	10	6
	F1352HUN-10.95	10,95	41	142	46	10	6
	F1352HUN-10.96	10,96	41	142	46	10	6
	F1352HUN-10.97	10,97	41	142	46	10	6
	F1352HUN-10.98	10,98	41	142	46	10	6

B3

**WALTER
SELECT**

●● Primary application ● Other application
 Best tool for → Good = 😊 → Average = 😐 → Poor = ☹️ machining conditions

Tool	Designation	D _c mm	L _c mm	l ₁ mm	l ₅ mm	d ₁ h9 mm	Z EA
 Cylindrical shank	F1352HUN-10.99	10.99	41	142	46	10	6
	F1352HUN-11.01	11.01	41	142	46	10	6
	F1352HUN-11.02	11.02	41	142	46	10	6
	F1352HUN-11.03	11.03	41	142	46	10	6
	F1352HUN-11.04	11.04	41	142	46	10	6
	F1352HUN-11.05	11.05	41	142	46	10	6
	F1352HUN-11.06	11.06	41	142	46	10	6
	F1352HUN-11.07	11.07	41	142	46	10	6
	F1352HUN-11.08	11.08	41	142	46	10	6
	F1352HUN-11.09	11.09	41	142	46	10	6
	F1352HUN-11.1	11.1	41	142	46	10	6
	F1352HUN-11.11	11.11	41	142	46	10	6
	F1352HUN-11.12	11.12	41	142	46	10	6
	F1352HUN-11.13	11.13	41	142	46	10	6
	F1352HUN-11.14	11.14	41	142	46	10	6
	F1352HUN-11.15	11.15	41	142	46	10	6
	F1352HUN-11.16	11.16	41	142	46	10	6
	F1352HUN-11.17	11.17	41	142	46	10	6
	F1352HUN-11.18	11.18	41	142	46	10	6
	F1352HUN-11.19	11.19	41	142	46	10	6
	F1352HUN-11.2	11.2	41	142	46	10	6
	F1352HUN-11.21	11.21	41	142	46	10	6
	F1352HUN-11.22	11.22	41	142	46	10	6
	F1352HUN-11.23	11.23	41	142	46	10	6
	F1352HUN-11.24	11.24	41	142	46	10	6
	F1352HUN-11.25	11.25	41	142	46	10	6
	F1352HUN-11.26	11.26	41	142	46	10	6
	F1352HUN-11.27	11.27	41	142	46	10	6
	F1352HUN-11.28	11.28	41	142	46	10	6
	F1352HUN-11.29	11.29	41	142	46	10	6
	F1352HUN-11.3	11.3	41	142	46	10	6
	F1352HUN-11.31	11.31	41	142	46	10	6
	F1352HUN-11.32	11.32	41	142	46	10	6
	F1352HUN-11.33	11.33	41	142	46	10	6
	F1352HUN-11.34	11.34	41	142	46	10	6
	F1352HUN-11.35	11.35	41	142	46	10	6
	F1352HUN-11.36	11.36	41	142	46	10	6
	F1352HUN-11.37	11.37	41	142	46	10	6
	F1352HUN-11.38	11.38	41	142	46	10	6
	F1352HUN-11.39	11.39	41	142	46	10	6
	F1352HUN-11.4	11.4	41	142	46	10	6
	F1352HUN-11.41	11.41	41	142	46	10	6
	F1352HUN-11.42	11.42	41	142	46	10	6
	F1352HUN-11.43	11.43	41	142	46	10	6
	F1352HUN-11.44	11.44	41	142	46	10	6
	F1352HUN-11.45	11.45	41	142	46	10	6

Tool	Designation	D _c mm	L _c mm	l ₁ mm	l ₅ mm	d ₁ h9 mm	Z EA
 Cylindrical shank	F1352HUN-11.46	11,46	41	142	46	10	6
	F1352HUN-11.47	11,47	41	142	46	10	6
	F1352HUN-11.48	11,48	41	142	46	10	6
	F1352HUN-11.49	11,49	41	142	46	10	6
	F1352HUN-11.51	11,51	41	142	46	10	6
	F1352HUN-11.52	11,52	41	142	46	10	6
	F1352HUN-11.53	11,53	41	142	46	10	6
	F1352HUN-11.54	11,54	41	142	46	10	6
	F1352HUN-11.55	11,55	41	142	46	10	6
	F1352HUN-11.56	11,56	41	142	46	10	6
	F1352HUN-11.57	11,57	41	142	46	10	6
	F1352HUN-11.58	11,58	41	142	46	10	6
	F1352HUN-11.59	11,59	41	142	46	10	6
	F1352HUN-11.6	11,6	41	142	46	10	6
	F1352HUN-11.61	11,61	41	142	46	10	6
	F1352HUN-11.62	11,62	41	142	46	10	6
	F1352HUN-11.63	11,63	41	142	46	10	6
	F1352HUN-11.64	11,64	41	142	46	10	6
	F1352HUN-11.65	11,65	41	142	46	10	6
	F1352HUN-11.66	11,66	41	142	46	10	6
	F1352HUN-11.67	11,67	41	142	46	10	6
	F1352HUN-11.68	11,68	41	142	46	10	6
	F1352HUN-11.69	11,69	41	142	46	10	6
	F1352HUN-11.7	11,7	41	142	46	10	6
	F1352HUN-11.71	11,71	41	142	46	10	6
	F1352HUN-11.72	11,72	41	142	46	10	6
	F1352HUN-11.73	11,73	41	142	46	10	6
	F1352HUN-11.74	11,74	41	142	46	10	6
	F1352HUN-11.75	11,75	41	142	46	10	6
	F1352HUN-11.76	11,76	41	142	46	10	6
	F1352HUN-11.77	11,77	41	142	46	10	6
	F1352HUN-11.78	11,78	41	142	46	10	6
	F1352HUN-11.79	11,79	41	142	46	10	6
	F1352HUN-11.8	11,8	41	142	46	10	6
	F1352HUN-11.81	11,81	44	151	46	10	6
	F1352HUN-11.82	11,82	44	151	46	10	6
	F1352HUN-11.83	11,83	44	151	46	10	6
	F1352HUN-11.84	11,84	44	151	46	10	6
	F1352HUN-11.85	11,85	44	151	46	10	6
	F1352HUN-11.86	11,86	44	151	46	10	6
	F1352HUN-11.87	11,87	44	151	46	10	6
	F1352HUN-11.88	11,88	44	151	46	10	6
	F1352HUN-11.89	11,89	44	151	46	10	6
	F1352HUN-11.9	11,9	44	151	46	10	6
	F1352HUN-11.91	11,91	44	151	46	10	6
	F1352HUN-11.92	11,92	44	151	46	10	6
	F1352HUN-11.93	11,93	44	151	46	10	6
	F1352HUN-11.94	11,94	44	151	46	10	6
	F1352HUN-11.95	11,95	44	151	46	10	6
	F1352HUN-11.96	11,96	44	151	46	10	6
	F1352HUN-11.97	11,97	44	151	46	10	6
	F1352HUN-11.98	11,98	44	151	46	10	6
	F1352HUN-11.99	11,99	44	151	46	10	6
	F1352HUN-12	12	44	151	46	10	6

**WALTER
SELECT**

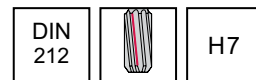
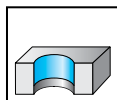
●● Primary application ● Other application
 Best tool for → Good = 😊 → Average = 😐 → Poor = 😞 machining conditions

HSS machine reamers

F1352



- Walter standard up to dia. 1.3 mm
- With centring tip on both sides up to dia. 3.7 mm

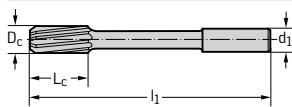


	P	M	K	N	S	H	O
uncoated	●●		●●	●●			●●

Tool	Designation	D _c mm	L _c mm	l ₁ mm	d ₁ h9 mm	Z EA
Cylindrical shank	F1352-0.9	0.9	6	34	1	3
	F1352-1	1	6	34	1	3
	F1352-1.1	1.1	7	36	1	3
	F1352-1.2	1.2	8	38	1	3
	F1352-1.3	1.3	8	38	1	3
	F1352-1.4	1.4	8	40	1	3
	F1352-1.5	1.5	8	40	2	3
	F1352-1.6	1.6	9	43	2	3
	F1352-1.7	1.7	9	43	2	3
	F1352-1.8	1.8	10	46	2	4
	F1352-1.9	1.9	10	46	2	4
	F1352-2	2	11	49	2	4
	F1352-2.1	2.1	11	49	2	4
	F1352-2.2	2.2	12	53	2	4
	F1352-2.3	2.3	12	53	2	4
	F1352-2.4	2.4	14	57	2	4
	F1352-2.5	2.5	14	57	3	4
	F1352-2.6	2.6	14	57	3	4
	F1352-2.7	2.7	15	61	3	6
	F1352-2.8	2.8	15	61	3	6
	F1352-2.9	2.9	15	61	3	6
	F1352-3	3	15	61	3	6
	F1352-3.1	3.1	16	65	3	6
	F1352-3.2	3.2	16	65	3	6
	F1352-3.3	3.3	16	65	3	6
	F1352-3.4	3.4	18	70	3	6
	F1352-3.5	3.5	18	70	4	6
	F1352-3.6	3.6	18	70	4	6
	F1352-3.7	3.7	18	70	4	6
	F1352-3.8	3.8	19	75	4	6
	F1352-3.9	3.9	19	75	4	6
	F1352-4	4	19	75	4	6
	F1352-4.1	4.1	19	75	4	6
	F1352-4.2	4.2	19	75	4	6
	F1352-4.3	4.3	21	80	5	6
	F1352-4.4	4.4	21	80	5	6

WALTER
SELECT

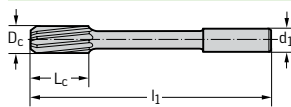
●● Primary application ● Other application
 Best tool for → Good = 😊 → Average = 😐 → Poor = ☹️ machining conditions

Tool	Designation	D _c mm	L _c mm	l ₁ mm	d ₁ h9 mm	Z EA
 Cylindrical shank	F1352-4.5	4,5	21	80	5	6
	F1352-4.6	4,6	21	80	5	6
	F1352-4.7	4,7	21	80	5	6
	F1352-4.8	4,8	23	86	5	6
	F1352-4.9	4,9	23	86	5	6
	F1352-5	5	23	86	5	6
	F1352-5.1	5,1	23	86	5	6
	F1352-5.2	5,2	23	86	5	6
	F1352-5.3	5,3	23	86	5	6
	F1352-5.4	5,4	26	93	6	6
	F1352-5.5	5,5	26	93	6	6
	F1352-5.6	5,6	26	93	6	6
	F1352-5.7	5,7	26	93	6	6
	F1352-5.8	5,8	26	93	6	6
	F1352-5.9	5,9	26	93	6	6
	F1352-6	6	26	93	6	6
	F1352-6.1	6,1	28	101	6	6
	F1352-6.2	6,2	28	101	6	6
	F1352-6.3	6,3	28	101	6	6
	F1352-6.4	6,4	28	101	6	6
	F1352-6.5	6,5	28	101	6	6
	F1352-6.6	6,6	28	101	6	6
	F1352-6.7	6,7	28	101	6	6
	F1352-6.8	6,8	31	109	7	6
	F1352-6.9	6,9	31	109	7	6
	F1352-7	7	31	109	7	6
	F1352-7.1	7,1	31	109	7	6
	F1352-7.2	7,2	31	109	7	6
	F1352-7.3	7,3	31	109	7	6
	F1352-7.4	7,4	31	109	7	6
	F1352-7.5	7,5	31	109	7	6
	F1352-7.6	7,6	33	117	8	6
	F1352-7.7	7,7	33	117	8	6
	F1352-7.8	7,8	33	117	8	6
	F1352-7.9	7,9	33	117	8	6
	F1352-8	8	33	117	8	6
	F1352-8.1	8,1	33	117	8	6
	F1352-8.2	8,2	33	117	8	6
	F1352-8.3	8,3	33	117	8	6
	F1352-8.4	8,4	33	117	8	6
	F1352-8.5	8,5	33	117	8	6
	F1352-8.6	8,6	36	125	9	6
	F1352-8.7	8,7	36	125	9	6
	F1352-8.8	8,8	36	125	9	6
	F1352-8.9	8,9	36	125	9	6
	F1352-9	9	36	125	9	6

B3

**WALTER
SELECT**

●● Primary application ● Other application
 Best tool for → Good = 😊 → Average = 😐 → Poor = ☹️ machining conditions

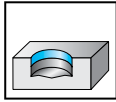
Tool	Designation	D _c mm	L _c mm	l ₁ mm	d ₁ h9 mm	Z EA
 Cylindrical shank	F1352-9.1	9,1	36	125	9	6
	F1352-9.2	9,2	36	125	9	6
	F1352-9.3	9,3	36	125	9	6
	F1352-9.4	9,4	36	125	9	6
	F1352-9.5	9,5	36	125	9	6
	F1352-9.6	9,6	38	133	10	6
	F1352-9.7	9,7	38	133	10	6
	F1352-9.8	9,8	38	133	10	6
	F1352-9.9	9,9	38	133	10	6
	F1352-10	10	38	133	10	6
	F1352-10.1	10,1	38	133	10	6
	F1352-10.2	10,2	38	133	10	6
	F1352-10.3	10,3	38	133	10	6
	F1352-10.4	10,4	38	133	10	6
	F1352-10.5	10,5	38	133	10	6
	F1352-10.6	10,6	38	133	10	6
	F1352-10.7	10,7	41	142	10	6
	F1352-10.8	10,8	41	142	10	6
	F1352-10.9	10,9	41	142	10	6
	F1352-11	11	41	142	10	6
B3	F1352-11.5	11,5	41	142	10	6
	F1352-12	12	44	151	10	6
	F1352-12.5	12,5	44	151	10	6
	F1352-13	13	44	151	10	6
	F1352-13.5	13,5	47	160	13	8
	F1352-14	14	47	160	13	8
	F1352-14.5	14,5	50	162	13	8
	F1352-15	15	50	162	13	8
	F1352-15.5	15,5	52	170	13	8
	F1352-16	16	52	170	13	8
	F1352-16.5	16,5	54	175	14	8
	F1352-17	17	54	175	14	8
	F1352-17.5	17,5	56	182	14	8
	F1352-18	18	56	182	14	8
	F1352-18.5	18,5	58	189	16	8
	F1352-19	19	58	189	16	8
	F1352-19.5	19,5	60	195	16	8
	F1352-20	20	60	195	16	8

HSS machine reamers

F1342



- Walter standard up to dia. 2.1 mm
- With centring tip on both sides up to dia. 3.7 mm

DIN
212

H7

	P	M	K	N	S	H	O
uncoated	●●	●●	●●	●●	●●	●●	●●

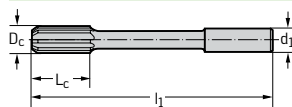
Tool	Designation	D _c mm	L _c mm	l ₁ mm	d ₁ h9 mm	Z EA
 Cylindrical shank	F1342-1	1	6	34	1	3
	F1342-1.1	1.1	7	36	1	3
	F1342-1.2	1.2	7	36	1	3
	F1342-1.3	1.3	8	38	1	3
	F1342-1.4	1.4	8	40	1	3
	F1342-1.5	1.5	8	40	1	3
	F1342-1.6	1.6	9	43	2	3
	F1342-1.7	1.7	9	43	2	3
	F1342-1.8	1.8	10	46	2	4
	F1342-1.9	1.9	10	46	2	4
	F1342-2	2	11	49	2	4
	F1342-2.1	2.1	11	49	2	4
	F1342-2.2	2.2	12	53	2	4
	F1342-2.3	2.3	12	53	2	4
	F1342-2.4	2.4	14	57	2	4
	F1342-2.5	2.5	14	57	3	4
	F1342-2.6	2.6	14	57	3	4
	F1342-2.7	2.7	15	61	3	6
	F1342-2.8	2.8	15	61	3	6
	F1342-2.9	2.9	15	61	3	6
	F1342-3	3	15	61	3	6
	F1342-3.1	3.1	16	65	3	6
	F1342-3.2	3.2	16	65	3	6
	F1342-3.3	3.3	16	65	3	6
	F1342-3.4	3.4	18	70	3	6
	F1342-3.5	3.5	18	70	4	6
	F1342-3.6	3.6	18	70	4	6
	F1342-3.7	3.7	18	70	4	6
	F1342-3.8	3.8	19	75	4	6
	F1342-3.9	3.9	19	75	4	6
	F1342-4	4	19	75	4	6
	F1342-4.1	4.1	19	75	4	6
	F1342-4.2	4.2	19	75	4	6
	F1342-4.3	4.3	21	80	5	6
	F1342-4.4	4.4	21	80	5	6
	F1342-4.5	4.5	21	80	5	6

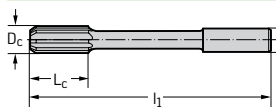
B3

WALTER
SELECT

●● Primary application ● Other application

Best tool for → Good = 😊 → Average = 😐 → Poor = ☹️ machining conditions

Tool	Designation	D _c mm	L _c mm	l ₁ mm	d ₁ h9 mm	Z EA
 Cylindrical shank	F1342-4.6	4,6	21	80	5	6
	F1342-4.7	4,7	21	80	5	6
	F1342-4.8	4,8	23	86	5	6
	F1342-4.9	4,9	23	86	5	6
	F1342-5	5	23	86	5	6
	F1342-5.1	5,1	23	86	5	6
	F1342-5.2	5,2	23	86	5	6
	F1342-5.3	5,3	23	86	5	6
	F1342-5.4	5,4	26	93	6	6
	F1342-5.5	5,5	26	93	6	6
	F1342-5.6	5,6	26	93	6	6
	F1342-5.7	5,7	26	93	6	6
	F1342-5.8	5,8	26	93	6	6
	F1342-5.9	5,9	26	93	6	6
	F1342-6	6	26	93	6	6
	F1342-6.1	6,1	28	101	6	6
	F1342-6.2	6,2	28	101	6	6
	F1342-6.3	6,3	28	101	6	6
	F1342-6.4	6,4	28	101	6	6
	F1342-6.5	6,5	28	101	6	6
	F1342-6.6	6,6	28	101	6	6
	F1342-6.7	6,7	28	101	6	6
	F1342-6.8	6,8	31	109	7	6
	F1342-6.9	6,9	31	109	7	6
	F1342-7	7	31	109	7	6
	F1342-7.1	7,1	31	109	7	6
	F1342-7.2	7,2	31	109	7	6
	F1342-7.3	7,3	31	109	7	6
	F1342-7.4	7,4	31	109	7	6
	F1342-7.5	7,5	31	109	7	6
	F1342-7.6	7,6	33	117	8	6
	F1342-7.7	7,7	33	117	8	6
	F1342-7.8	7,8	33	117	8	6
	F1342-7.9	7,9	33	117	8	6
	F1342-8	8	33	117	8	6
	F1342-8.1	8,1	33	117	8	6
	F1342-8.2	8,2	33	117	8	6
	F1342-8.3	8,3	33	117	8	6
	F1342-8.4	8,4	33	117	8	6
	F1342-8.5	8,5	33	117	8	6
	F1342-8.6	8,6	36	125	9	6
	F1342-8.7	8,7	36	125	9	6
	F1342-8.8	8,8	36	125	9	6
	F1342-8.9	8,9	36	125	9	6
	F1342-9	9	36	125	9	6
	F1342-9.1	9,1	36	125	9	6

Tool	Designation	D _c mm	L _c mm	l ₁ mm	d ₁ h9 mm	Z EA
	F1342-9.2	9,2	36	125	9	6
	F1342-9.3	9,3	36	125	9	6
Cylindrical shank	F1342-9.4	9,4	36	125	9	6
	F1342-9.5	9,5	36	125	9	6
	F1342-9.6	9,6	38	133	10	6
	F1342-9.7	9,7	38	133	10	6
	F1342-9.8	9,8	38	133	10	6
	F1342-9.9	9,9	38	133	10	6
	F1342-10	10	38	133	10	6
	F1342-10.1	10,1	38	133	10	6
	F1342-10.2	10,2	38	133	10	6
	F1342-10.3	10,3	38	133	10	6
	F1342-10.4	10,4	38	133	10	6
	F1342-10.5	10,5	38	133	10	6
	F1342-10.6	10,6	38	133	10	6
	F1342-10.7	10,7	41	142	10	6
	F1342-10.8	10,8	41	142	10	6
	F1342-10.9	10,9	41	142	10	6
	F1342-11	11	41	142	10	6
	F1342-11.5	11,5	41	142	10	6
	F1342-12	12	44	151	10	6
	F1342-12.5	12,5	44	151	10	6
	F1342-13	13	44	151	10	6
	F1342-13.5	13,5	47	160	13	6
	F1342-14	14	47	160	13	8
	F1342-14.5	14,5	50	162	13	8
	F1342-15	15	50	162	13	8
	F1342-15.5	15,5	52	170	13	8
	F1342-16	16	52	170	13	8
	F1342-16.5	16,5	54	175	14	8
	F1342-17	17	54	175	14	8
	F1342-17.5	17,5	56	182	14	8
	F1342-18	18	56	182	14	8
	F1342-18.5	18,5	58	189	16	8
	F1342-19	19	58	189	16	8
	F1342-19.5	19,5	60	195	16	8
	F1342-20	20	60	195	16	8

B 3

**WALTER
SELECT**

●● Primary application ● Other application
 Best tool for → Good = 😊 → Average = 😐 → Poor = ☹️ machining conditions

HSS machine tapered reamers

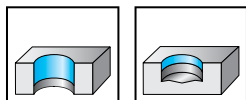
F3234



- For tapered pins in accordance with DIN EN 28736; 28737; 28744
- For tapered pins in accordance with DIN 258; 1447; 7977; 7978

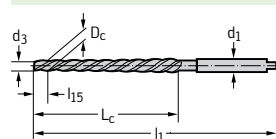
DIN
2179

1:50



	P	M	K	N	S	H	O
uncoated	●●	●●	●●	●●	●●	●●	●●

Tool



Cylindrical shank

Designation	D _c mm	L _c mm	l ₁ mm	l ₁₅ mm	d ₁ h9 mm	d ₃ mm	Z EA
F3234-1	1	33	60	5	1,4	0,9	2
F3234-1.5	1,5	42	70	5	2,1	1,4	2
F3234-2	2	48	86	5	3,2	1,9	3
F3234-2.5	2,5	48	86	5	3,2	2,4	3
F3234-3	3	58	100	5	4	2,9	3
F3234-4	4	68	112	5	5	3,9	3
F3234-5	5	73	122	5	6,3	4,9	3
F3234-6	6	105	160	5	8	5,9	3
F3234-8	8	145	207	5	10	7,9	3
F3234-10	10	175	245	5	12,5	9,9	3
F3234-12	12	210	290	10	16	11,8	3

WALTER
SELECT

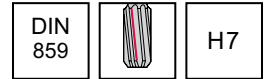
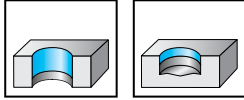
●● Primary application ● Other application
Best tool for → Good = 😊 → Average = 😐 → Poor = ☹️ machining conditions

HSS adjustable hand-held reamers

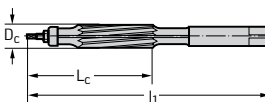
F1231



– Adjustment range: $0.01 \times D_c$



	P	M	K	N	S	H	O
uncoated	●●	●●	●●	●●	●●	●●	●●

Tool		Designation	D_c mm	L_c mm	l_1 mm	Z EA
 Parallel shank		F1231-8	8	42	115	9
		F1231-9	9	46	124	9
		F1231-10	10	50	133	9
		F1231-11	11	51	142	9
		F1231-12	12	56	152	9
		F1231-13	13	56	152	9
		F1231-14	14	61	163	9
		F1231-15	15	61	163	9
		F1231-16	16	67	175	9
		F1231-17	17	67	175	9
		F1231-18	18	68	188	9
		F1231-19	19	68	188	9
		F1231-20	20	75	201	9
		F1231-22	22	82	215	12
		F1231-24	24	85	231	12
		F1231-25	25	85	231	12
		F1231-26	26	85	231	12
		F1231-28	28	94	247	12
		F1231-30	30	94	247	12

B3

**WALTER
SELECT**

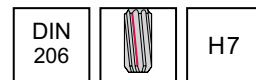
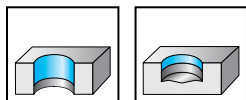
●● Primary application ● Other application
Best tool for → Good = 😊 → Average = 😐 → Poor = ☹️ machining conditions

HSS hand-held reamers

F1131



– Long chamfer

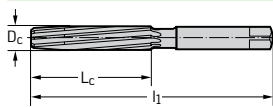


	P	M	K	N	S	H	O
uncoated	●●	●●	●●	●●	●●	●●	●●

Tool	Designation	D _c mm	L _c mm	l ₁ mm	Z EA
 Cylindrical shank	F1131-1	1	13	34	3
	F1131-1.2	1.2	17	38	3
	F1131-1.4	1.4	20	41	3
	F1131-1.5	1.5	20	41	3
	F1131-1.6	1.6	21	44	3
	F1131-1.7	1.7	21	44	3
	F1131-1.8	1.8	23	47	4
	F1131-1.9	1.9	23	47	4
	F1131-2	2	25	50	4
	F1131-2.1	2.1	25	50	4
	F1131-2.2	2.2	27	54	4
	F1131-2.3	2.3	27	54	4
	F1131-2.4	2.4	29	58	4
	F1131-2.5	2.5	29	58	4
	F1131-2.6	2.6	29	58	4
	F1131-2.7	2.7	31	62	6
	F1131-2.8	2.8	31	62	6
	F1131-2.9	2.9	31	62	6
	F1131-3	3	31	62	6
	F1131-3.1	3.1	33	66	6
	F1131-3.2	3.2	33	66	6
	F1131-3.3	3.3	33	66	6
	F1131-3.4	3.4	35	71	6
	F1131-3.5	3.5	35	71	6
	F1131-3.6	3.6	35	71	6
	F1131-3.7	3.7	35	71	6
	F1131-3.8	3.8	38	76	6
	F1131-3.9	3.9	38	76	6
	F1131-4	4	38	76	6
	F1131-4.1	4.1	38	76	6
	F1131-4.2	4.2	38	76	6
	F1131-4.3	4.3	41	81	6
	F1131-4.4	4.4	41	81	6
	F1131-4.5	4.5	41	81	6
	F1131-4.6	4.6	41	81	6
	F1131-4.7	4.7	41	81	6

**WALTER
SELECT**

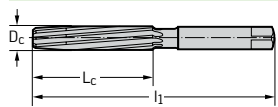
●● Primary application ● Other application
Best tool for → Good = 😊 → Average = 😐 → Poor = 😞 machining conditions

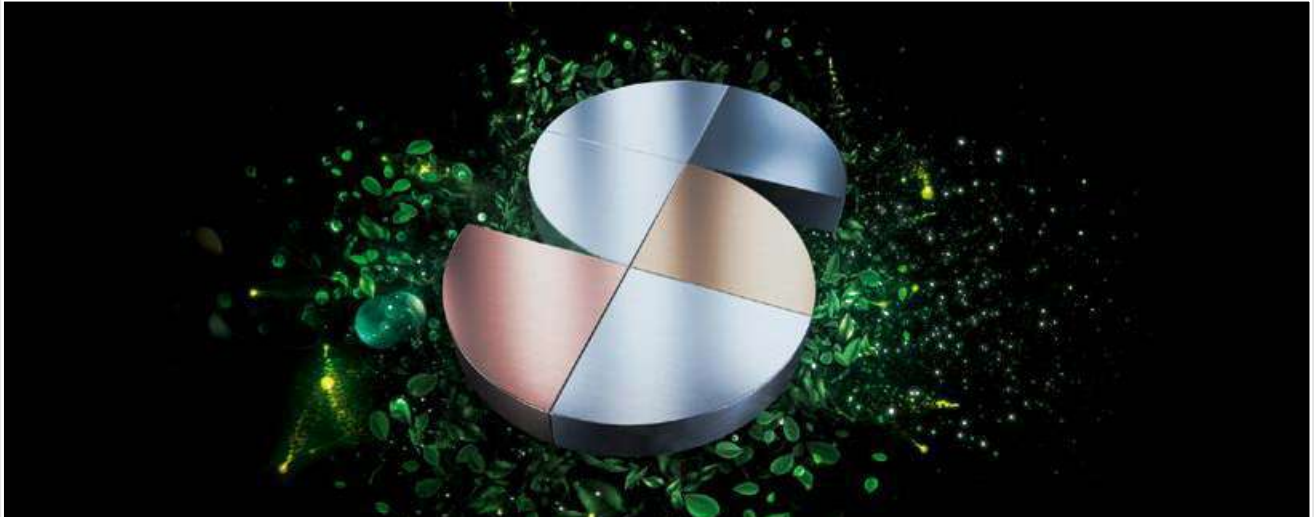
Tool	Designation	D _c mm	L _c mm	l ₁ mm	Z EA
	F1131-4.8	4,8	44	87	6
	F1131-4.9	4,9	44	87	6
Cylindrical shank	F1131-5	5	44	87	6
	F1131-5.1	5,1	44	87	6
	F1131-5.2	5,2	44	87	6
	F1131-5.4	5,4	47	93	6
	F1131-5.5	5,5	47	93	6
	F1131-5.6	5,6	47	93	6
	F1131-5.7	5,7	47	93	6
	F1131-5.8	5,8	47	93	6
	F1131-5.9	5,9	47	93	6
	F1131-6	6	47	93	6
	F1131-6.1	6,1	50	100	6
	F1131-6.2	6,2	50	100	6
	F1131-6.3	6,3	50	100	6
	F1131-6.4	6,4	50	100	6
	F1131-6.5	6,5	50	100	6
	F1131-6.6	6,6	50	100	6
	F1131-6.7	6,7	50	100	6
	F1131-6.8	6,8	54	107	6
	F1131-6.9	6,9	54	107	6
	F1131-7	7	54	107	6
	F1131-7.1	7,1	54	107	6
	F1131-7.2	7,2	54	107	6
	F1131-7.3	7,3	54	107	6
	F1131-7.4	7,4	54	107	6
	F1131-7.5	7,5	54	107	6
	F1131-7.7	7,7	58	115	6
	F1131-7.8	7,8	58	115	6
	F1131-7.9	7,9	58	115	6
	F1131-8	8	58	115	6
	F1131-8.1	8,1	58	115	6
	F1131-8.2	8,2	58	115	6
	F1131-8.3	8,3	58	115	6
	F1131-8.4	8,4	58	115	6
	F1131-8.5	8,5	58	115	6
	F1131-8.7	8,7	62	124	6
	F1131-8.8	8,8	62	124	6
	F1131-8.9	8,9	62	124	6
	F1131-9	9	62	124	6
	F1131-9.1	9,1	62	124	6
	F1131-9.2	9,2	62	124	6
	F1131-9.3	9,3	62	124	6
	F1131-9.4	9,4	62	124	6
	F1131-9.5	9,5	62	124	6
	F1131-9.6	9,6	66	133	6

B 3

**WALTER
SELECT**

●● Primary application ● Other application
 Best tool for → Good = 😊 → Average = 😐 → Poor = ☹️ machining conditions

Tool	Designation	D _c mm	L _c mm	l ₁ mm	Z EA
 Cylindrical shank	F1131-9.7	9,7	66	133	6
	F1131-9.8	9,8	66	133	6
	F1131-10	10	66	133	6
	F1131-10.5	10,5	66	133	6
	F1131-11	11	71	142	6
	F1131-11.5	11,5	71	142	6
	F1131-12	12	76	152	6
	F1131-12.5	12,5	76	152	6
	F1131-13	13	76	152	6
	F1131-13.5	13,5	81	163	8
	F1131-14	14	81	163	8
	F1131-14.5	14,5	81	163	8
	F1131-15	15	81	163	8
	F1131-16	16	87	175	8
	F1131-16.5	16,5	87	175	8
	F1131-17	17	87	175	8
	F1131-18	18	93	188	8
	F1131-18.5	18,5	93	188	8
	F1131-19	19	93	188	8
	F1131-19.5	19,5	100	201	8
	F1131-20	20	100	201	8
	F1131-20.5	20,5	100	201	8
	F1131-21	21	100	201	8
	F1131-21.5	21,5	100	201	8
	F1131-22	22	107	215	8
	F1131-23	23	107	215	8
	F1131-25	25	115	231	8
	F1131-26	26	115	231	8
	F1131-28	28	124	247	10
	F1131-30	30	124	247	10
	F1131-32	32	133	265	10



Sustainable products and services – certified and transparent

Walter is a company that takes responsibility for people and the environment. Sustainability is a central component of our corporate strategy. It pervades our products and business divisions and is reviewed and certified by independent third parties on a regular basis.

Proven to be produced to high standards

All processes, procedures, methods and instruments that we use are checked and certified by an independent body according to strict criteria. Occupational health and safety, quality assurance and environmentally friendly actions (e.g. through CO₂ compensation of our energy use) are examples of this. Our social commitment shows that Walter has a broader definition of responsibility.

Transparency throughout the entire process chain – for your peace of mind

The integrated management system at Walter includes the sustainable use of resources and production equipment as well as of people – our customers, partners and employees. So that you can count on all of our products meeting these requirements throughout the entire process chain, we apply our own benchmarks to our suppliers too.

Certification

The integrated management system at Walter includes certification in accordance with:

- ISO 9001 (Quality management)
- ISO 14001 (Environmental management)
- ISO 45001 (Occupational health and safety management)
- ISO 50001 (Energy management)
- Certified according to Ecovadis Gold Standard and NQC rating



You can find more information on Walter certification here:



Occupational health and safety

Walter protects its employees against health hazards. To prevent accidents, we continuously review our processes and take proactive measures as a precaution.



Environmental and energy management

Environmental protection is an important company objective for Walter. We use energy efficiently and deploy practical methods to sustainably reduce the consumption of energy, water and resources.



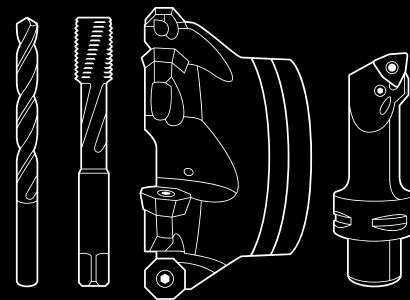
Quality management

Walter is continuously improving its products and processes. We ensure our product quality using effective measures and procedures – and check it on a regular basis with our comprehensive quality management system.

Walter AG

Derendinger Straße 53, 72072 Tübingen
Postfach 2049, 72010 Tübingen
Germany

walter-tools.com



Europe

Walter Austria GmbH

Wien, Österreich
+43 1 5127300-0, service.at@walter-tools.com

Walter Benelux N.V./S.A.

Zaventem, Belgique
(B) +32 (02) 7258500
(NL) +31 (0) 900 26585-22
service.benelux@walter-tools.com

Walter (Schweiz) AG

Solothurn, Schweiz
+41 (0) 32 617 40 72, service.ch@walter-tools.com

Walter CZ s.r.o

Kurim, Czech Republic
+420 (0) 541 423352, service.cz@walter-tools.com

Walter Deutschland GmbH

Tübingen, Deutschland
+49 (0) 7071 701-400, service.de@walter-tools.com

Walter France

Soultz-sous-Forêts, France
+33 (0) 3 88 80 20 00, service.fr@walter-tools.com

Walter Hungária Kft.

Budapest, Magyarország
+36 1 464 7160, service.hu@walter-tools.com

Walter Tools Ibérica S.A.U.

El Prat de Llobregat, España
+34 934 796760, service.iberica@walter-tools.com

Walter Italia s.r.l.

Via Volta, s.n.c., 22071 Cadorago - CO, Italia
+39 031 926-111, service.it@walter-tools.com

Walter Norden AB

Halmstad, Sweden
+46 (0) 35 16 53 00, service.norden@walter-tools.com

Walter Polska Sp. z o.o.

Warszawa, Polska
+48 (0) 22 8520495, service.pl@walter-tools.com

Walter Tools SRL

Timisoara, România
+40 (0) 256 406218, service.ro@walter-tools.com

Walter Tools d.o.o.

Maribor, Slovenija
+386 (2) 629 01 30, service.si@walter-tools.com

Walter Slovakia, s.r.o.

Nitra, Slovakia
+421 (0) 37 3260 910, service.sk@walter-tools.com

Walter Kesici Takımlar Sanayi ve Ticaret Ltd. Şti.

Bursa, Türkiye
+90 (0) 224 909 5000 Pbx, service.tr@walter-tools.com

Walter GB Ltd.

Bromsgrove, England
+44 (1527) 839 450, service.uk@walter-tools.com

Asia

Walter Wuxi Co. Ltd.

Wuxi, Jiangsu, P.R. China
+86 (510) 853 72199, service.cn@walter-tools.com

Walter Wuxi Co. Ltd.

中国江苏省无锡市新区新畅南路 3 号
电话 : +86-510-8537 2199 邮编 : 214028
客服热线 : 400 1510 510
邮箱 : service.cn@walter-tools.com

Walter Tools India Pvt. Ltd.

Pune, India
+91 (20) 6773 7300, service.in@walter-tools.com

Walter Japan K.K.

Nagoya, Japan
+81 (52) 533 6135, service.jp@walter-tools.com

ワルタージャパン株式会社

名古屋市千代田区名駅二丁目 45 番 7 号
+81 (0) 52 533 6135, service.jp@walter-tools.com

Walter Korea Ltd.

Anyang-si Gyeonggi-do, Korea
+82 (31) 337 6100, service.wkr@walter-tools.com

한국발터(주)

경기도 안양시 동안구 학의로 282
금강펜테리움 106호 14056
+82 (0) 31 337 6100, service.wkr@walter-tools.com

Walter Malaysia Sdn. Bhd.

Selangor D.E., Malaysia
+60(3)-5624 4265, service.my@walter-tools.com

Walter AG Singapore Pte. Ltd.

+65 6773 6180, service.sg@walter-tools.com

Walter (Thailand) Co., Ltd.

Bangkok, 10120, Thailand
+66 2 687 0388, service.th@walter-tools.com

America

Walter do Brasil Ltda.

Sorocaba – SP, Brasil
+55 15 32245700, service.br@walter-tools.com

Walter Canada

Mississauga, Canada
service.ca@walter-tools.com

Walter Tools S.A. de C.V.

El Marqués, Querétaro, México
+52 (442) 478-3500, service.mx@walter-tools.com

Walter USA, LLC

Greer, SC, USA
+1 800-945-5554, service.us@walter-tools.com