

产品选型

请注意：
硬质合金铣刀的适用程度标注规范：
非常适用用 ☺ 表示
适用用 ☺ 表示

★加工参数推荐请参考 B058-B068页

Product Finder

Please note:
The suitability of the carbide mills is indicated as follows:
☺ very suitable
☺ suitable

★Please find the cutting conditions on page B058-B068

	通用系列																				高硬系列																耐热系列				
应用范围 -材料 Ranges of application material	首选 Primary materials P M K S H																				首选 Primary materials H																首选 Primary materials S				
	次选 Secondary materials																				次选 Secondary materials P																次选 Secondary materials M				
铣刀系列 Mill Series	平头立铣刀											刀尖圆角铣刀			球头铣刀						球头铣刀		平头立铣刀						刀尖圆角铣刀		球头铣刀				平头立铣刀		刀尖圆角铣刀				
刃数/Z	z=2	z=2	z=2	z=2	z=3	z=3	z=4	z=4	z=4	z=6	z=6	Z=2	z=4	z=4	Z=2	z=2	z=2	z=2			z=4	z=4	z=2	z=2	z=2	z=4	z=4	z=6	z=6	z=4	z=4	z=2	z=2	z=2	z=4	z=4	z=3	z=4	z=4	z=4	
直径/D	1-20mm	3-20mm	0.5-5mm	0.3-3mm	1-20mm	3-20mm	3-20mm	6-20mm	3-20mm	6-20mm	6-20mm	1-20mm	3-12mm	6-16mm	1-20mm	2-20mm	0.5-5mm	0.3-3mm			3-20mm	3-20mm	1-20mm	6-20mm	0.3-3mm	1-20mm	3-20mm	6-20mm	6-20mm	3-12mm	6-16mm	1-20mm	2-20mm	3-20mm	3-20mm	3-20mm	3-20mm	4-20mm	3-20mm	3-20mm	
系列名称 Series Name	BRGM-2E	BRGM-2EL	BRGM-2EP	BRGM-2ES	BRGM-3E	BRGM-3EL	BRGM-4E	BRGM-4EW	BRGM-4EL	BRGM-6E	BRGM-6EL	BRGM-2R	BRGM-4R	BRGM-4RL	BRGM-2B	BRGM-2BL	BRGM-2BP	BRGM-2BS			BRGM-4B	BRGM-4BL	BRHM-2E	BRHM-2EP	BRHM-2ES	BRHM-4E	BRHM-4EL	BRHM-6E	BRHM-6EL	BRHM-4R	BRHM-4RP	BRHM-2B	BRHM-2BL	BRHM-2BS	BRHM-4B	BRHM-4BL	BRSM-3E	BRSM-4E	BRSM-4R	BRSM-4RP	
页码 Page	B004	B005	B006	B007	B008	B009	B010	B011	B012	B013	B014	B029	B030	B031	B040	B041	B042	B043			B044	B045	B015	B016	B017	B018	B019	B020	B021	B032	B033	B046	B047	B048	B049	B50	B022	B023	B034	B035	
图例 Illustration																																									
铣面	☺	☺			☺	☺	☺		☺	☺	☺	☺	☺	☺									☺	☺		☺	☺	☺	☺	☺	☺						☺	☺	☺	☺	
方肩铣	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺									☺	☺	☺	☺	☺	☺	☺	☺	☺						☺	☺	☺	☺	
铣槽	☺	☺	☺	☺	☺	☺	☺	☺	☺			☺	☺	☺	☺	☺	☺	☺			☺	☺		☺	☺	☺	☺			☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
坡铣	☺	☺			☺	☺	☺		☺	☺	☺												☺	☺	☺	☺	☺	☺	☺							☺	☺				
插孔铣	☺	☺		☺	☺	☺																																			
仿形铣												☺	☺	☺	☺	☺		☺			☺	☺								☺	☺	☺	☺	☺				☺	☺		
铣削工艺																																									
粗加工	☺	☺	☺	☺	☺	☺	☺	☺	☺			☺	☺	☺	☺	☺	☺	☺			☺	☺	☺						☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	
精加工					☺	☺	☺		☺	☺	☺		☺	☺	☺			☺			☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺		☺	☺	☺	
超精加工							☺		☺	☺	☺														☺	☺	☺	☺													

铣削类型图例:
Symbols of milling types:

铣面
Face Milling

方肩铣
Shoulder Milling

铣槽
Slot Milling

坡铣
Slope Milling

插孔铣
Plunging Milling

仿形铣
Contour Milling

BRGM-2EL

-多功能，高性能刀具
-良好的切削性能

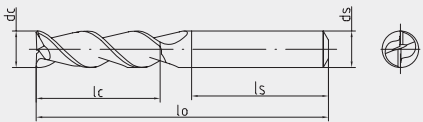
-Multi-functional, high performance tool
-Excellent cutting performance

VHMF

35°

HA
DIN6535

v_c/f_z
B058



适合加工材料：P、M、K、H、S Suitable for materials: P、M、K、H、S

长型设计•Long design

订货编号•Order code					
Φ•dc 公差h9	刃长lc	柄径ds 公差h6	刃数z	总长lo	尺寸编号 Dimension Code
3.0	12	6	2	75	D3.0
4.0	15	6	2	75	D4.0
5.0	20	6	2	75	D5.0
6.0	20	6	2	75	D6.0
8.0	25	8	2	100	D8.0
10.0	30	10	2	100	D10.0
12.0	35	12	2	100	D12.0
14.0	40	14	2	100	D14.0
16.0	50	16	2	150	D16.0
20.0	55	20	2	150	D20.0

P M

K S

H

BRGM-2EP

-多功能，高性能刀具
-良好的切削性能

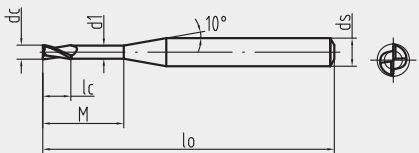
-Multi-functional, high performance tool
-Excellent cutting performance

VHMF

35°

HA
DIN6535

v_c/f_z
B058



适合加工材料：P、M、K、H、S Suitable for materials: P、M、K、H、S

长型设计•Long design

订货编号•Order code							尺寸编号 Dimension Code
Φ•dc 公差h9	刃长lc	柄径ds 公差h6	刃数z	颈长M	颈径d1	总长lo	
0.5	0.7	4	2	4	0.45	50	D0.5-M04
0.5	0.7	4	2	6	0.45	50	D0.5-M06
0.8	1.2	4	2	4	0.75	50	D0.8-M04
0.8	1.2	4	2	10	0.75	50	D0.8-M10
1.0	1.5	4	2	4	0.95	50	D1.0-M04
1.0	1.5	4	2	8	0.95	50	D1.0-M08
1.0	1.5	4	2	12	0.95	50	D1.0-M12
1.2	1.8	4	2	6	1.15	50	D1.2-M06
1.2	1.8	4	2	12	1.15	50	D1.2-M12
1.5	2.3	4	2	6	1.45	50	D1.5-M06
1.5	2.3	4	2	10	1.45	50	D1.5-M10
1.5	2.3	4	2	14	1.45	50	D1.5-M14
2.0	3.0	4	2	6	1.95	50	D2.0-M06
2.0	3.0	4	2	10	1.95	50	D2.0-M10
2.0	3.0	4	2	16	1.95	50	D2.0-M16
2.5	3.7	4	2	8	2.4	50	D2.5-M08
2.5	3.7	4	2	12	2.4	50	D2.5-M12
2.5	3.7	4	2	20	2.4	60	D2.5-M20
3.0	4.5	6	2	6	2.85	50	D3.0-M06
3.0	4.5	6	2	12	2.85	50	D3.0-M12
3.0	4.5	6	2	20	2.85	60	D3.0-M20
4.0	6.0	6	2	12	3.85	50	D4.0-M12
4.0	6.0	6	2	20	3.85	60	D4.0-M20
5.0	7.5	6	2	16	4.85	60	D5.0-M16
5.0	7.5	6	2	25	4.85	70	D5.0-M25

P M

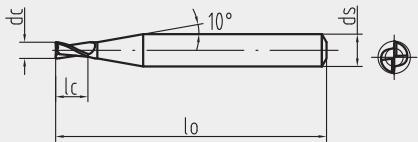
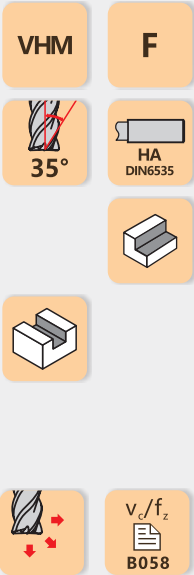
K S

H

BRGM-2ES

- 多功能，高性能刀具
- 良好的切削性能

- Multi-functional, high performance tool
- Excellent cutting performance



适合加工材料：P、M、K、H、S Suitable for materials: P、M、K、H、S

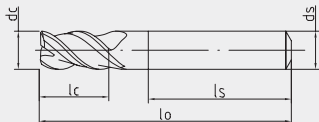
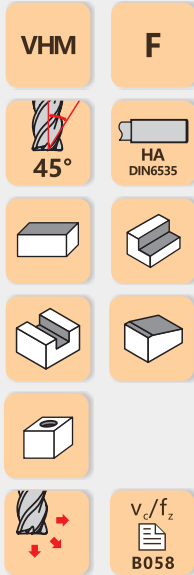
短型设计•Short design

订货编号•Order code					尺寸编号 Dimension Code
Φ•dc 公差h9	刃长lc	柄径ds 公差h6	刃数z	总长lo	
0.3	0.6	4	2	50	D0.3
0.5	1.0	4	2	50	D0.5
0.8	1.6	4	2	50	D0.8
1.0	2.0	4	2	50	D1.0
1.2	2.5	4	2	50	D1.2
1.5	3.0	4	2	50	D1.5
2.0	4.0	4	2	50	D2.0
2.5	5.0	4	2	50	D2.5
3.0	6.0	4	2	50	D3.0

BRGM-3E

- 多功能，高性能刀具
- 良好的切削性能

- Multi-functional, high performance tool
- Excellent cutting performance



适合加工材料：P、M、K、H、S Suitable for materials: P、M、K、H、S

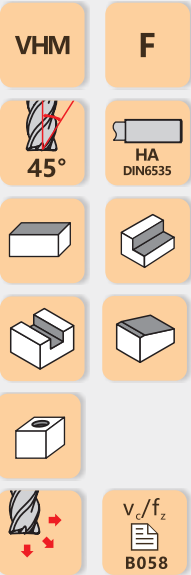
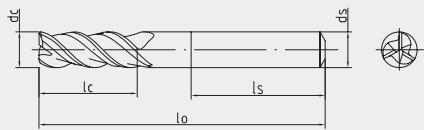
短型设计•Short design

订货编号•Order code					尺寸编号 Dimension Code
Φ•dc 公差h9	刃长lc	柄径ds 公差h6	刃数z	总长lo	
1.0	3	4	3	50	D1.0S
1.5	4	4	3	50	D1.5S
2.0	6	4	3	50	D2.0S
2.5	8	4	3	50	D2.5S
3.0	8	4	3	50	D3.0S
4.0	11	4	3	50	D4.0S
1.0	3	6	3	50	D1.0
1.5	4	6	3	50	D1.5
2.0	6	6	3	50	D2.0
2.5	8	6	3	50	D2.5
3.0	8	6	3	50	D3.0
3.5	10	6	3	50	D3.5
4.0	11	6	3	50	D4.0
4.5	11	6	3	50	D4.5
5.0	13	6	3	50	D5.0
5.5	16	6	3	50	D5.5
6.0	16	6	3	50	D6.0
7.0	20	8	3	60	D7.0
8.0	20	8	3	60	D8.0
9.0	22	10	3	75	D9.0
10.0	25	10	3	75	D10.0
11.0	26	12	3	75	D11.0
12.0	30	12	3	75	D12.0
14.0	32	14	3	75	D14.0
16.0	45	16	3	100	D16.0
18.0	45	18	3	100	D18.0
20.0	45	20	3	100	D20.0

BRGM-3EL

-多功能，高性能刀具
-良好的切削性能

-Multi-functional, high performance tool
-Excellent cutting performance



适合加工材料：P、M、K、H、S Suitable for materials: P、M、K、H、S

长型设计•Long design

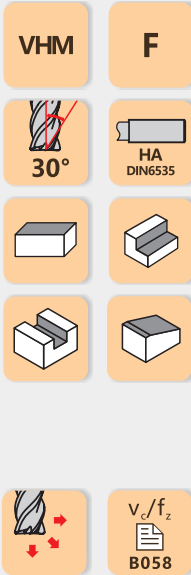
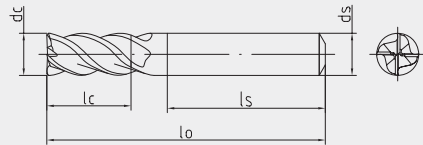
订货编号•Order code					尺寸编号 Dimension Code
Φ·dc 公差h9	刃长lc	柄径ds 公差h6	刃数z	总长lo	
3.0	12	6	3	75	D3.0
4.0	15	6	3	75	D4.0
5.0	20	6	3	75	D5.0
6.0	20	6	3	75	D6.0
8.0	25	8	3	100	D8.0
10.0	30	10	3	100	D10.0
12.0	35	12	3	100	D12.0
14.0	40	14	3	100	D14.0
16.0	50	16	3	150	D16.0
20.0	55	20	3	150	D20.0



BRGM-4E

-多功能，高性能刀具
-良好的切削性能

-Multi-functional, high performance tool
-Excellent cutting performance



适合加工材料：P、M、K、H、S Suitable for materials: P、M、K、H、S

短型设计•Short design

订货编号•Order code					尺寸编号 Dimension Code
Φ·dc 公差h9	刃长lc	柄径ds 公差h6	刃数z	总长lo	
1.0	3	4	4	50	D1.0S
1.5	4	4	4	50	D1.5S
2.0	6	4	4	50	D2.0S
2.5	8	4	4	50	D2.5S
3.0	8	4	4	50	D3.0S
4.0	11	4	4	50	D4.0S
1.0	3	6	4	50	D1.0
1.5	4	6	4	50	D1.5
2.0	6	6	4	50	D2.0
2.5	8	6	4	50	D2.5
3.0	8	6	4	50	D3.0
3.5	10	6	4	50	D3.5
4.0	11	6	4	50	D4.0
4.5	11	6	4	50	D4.5
5.0	13	6	4	50	D5.0
5.5	16	6	4	50	D5.5
6.0	16	6	4	50	D6.0
7.0	20	8	4	60	D7.0
8.0	20	8	4	60	D8.0
9.0	22	10	4	75	D9.0
10.0	25	10	4	75	D10.0
11.0	26	12	4	75	D11.0
12.0	30	12	4	75	D12.0
14.0	32	14	4	75	D14.0
16.0	45	16	4	100	D16.0
18.0	45	18	4	100	D18.0
20.0	45	20	4	100	D20.0



BRGM-4EW

-多功能，高性能刀具
-良好的切削性能

-Multi-functional, high performance tool
-Excellent cutting performance

VHM

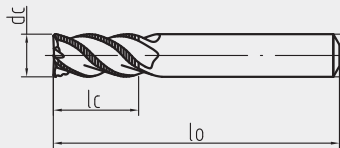
F

30°

HA
DIN6535



v_c/f_z
B058



适合加工材料：P、M、K、H、S Suitable for materials: P、M、K、H、S

波状刃型设计•Wavelike flute design

订货编号•Order code					
Φ•dc 公差h9	刃长lc	柄径ds 公差h6	刃数z	总长lo	尺寸编号 Dimension Code
6.0	16	6	4	50	D6.0
7.0	20	8	4	60	D7.0
8.0	20	8	4	60	D8.0
9.0	22	10	4	75	D9.0
10.0	25	10	4	75	D10.0
11.0	26	12	4	75	D11.0
12.0	30	12	4	75	D12.0
16.0	45	16	4	100	D16.0
20.0	45	20	4	100	D20.0

BRGM-4EL

-多功能，高性能刀具
-良好的切削性能

-Multi-functional, high performance tool
-Excellent cutting performance

VHM

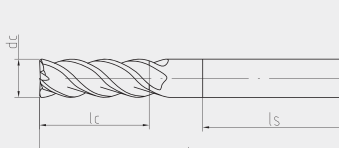
F

30°

HA
DIN6535



v_c/f_z
B058



适合加工材料：P、M、K、H、S Suitable for materials: P、M、K、H、S

长型设计•Long design

订货编号•Order code					
Φ•dc 公差h9	刃长lc	柄径ds 公差h6	刃数z	总长lo	尺寸编号 Dimension Code
3.0	12	6	4	75	D3.0
4.0	15	6	4	75	D4.0
5.0	20	6	4	75	D5.0
6.0	20	6	4	75	D6.0
8.0	25	8	4	100	D8.0
10.0	30	10	4	100	D10.0
12.0	35	12	4	100	D12.0
14.0	40	14	4	100	D14.0
16.0	50	16	4	150	D16.0
20.0	55	20	4	150	D20.0

BRGM-6E

-多功能，高性能刀具
-良好的切削性能

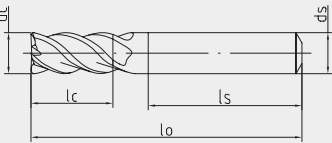
-Multi-functional, high performance tool
-Excellent cutting performance

VHM

F

45°

HA
DIN6535



v_c/f_z
B058



适合加工材料：P、M、K、H、S

Suitable for materials: P、M、K、H、S

短型设计•Short design

订货编号•Order code

Φ•dc 公差h9	刃长lc	柄径ds 公差h6	刃数z	总长lo	尺寸编号 Dimension Code
6.0	6	6	4	75	D6.0R0.5
6.0	6	6	4	75	D6.0R1.0
8.0	8	8	4	100	D8.0R0.5
8.0	8	8	4	100	D8.0R1.0
10.0	10	10	4	100	D10.0R0.5
10.0	10	10	4	100	D10.0R1.0
10.0	10	10	4	100	D10.0R2.0
12.0	12	12	4	100	D12.0R0.5
12.0	12	12	4	100	D12.0R1.0
12.0	12	12	4	100	D12.0R2.0
16.0	16	16	4	150	D16.0R1.0
16.0	16	16	4	150	D16.0R2.0

P
K
H

M
S

BRGM-6EL

-多功能，高性能刀具
-良好的切削性能

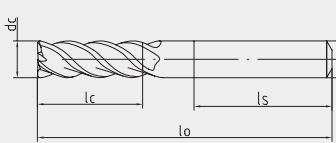
-Multi-functional, high performance tool
-Excellent cutting performance

VHM

F

45°

HA
DIN6535



v_c/f_z
B058



适合加工材料：P、M、K、H、S

Suitable for materials: P、M、K、H、S

长型设计•Long design

订货编号•Order code

Φ•dc 公差h9	刃长lc	柄径ds 公差h6	刃数z	总长lo	尺寸编号 Dimension Code
6.0	24	6	6	60	D6.0
8.0	32	8	6	60	D8.0
10.0	40	10	6	75	D10.0
12.0	45	12	6	75	D12.0
16.0	64	16	6	100	D16.0
20.0	75	20	6	100	D20.0

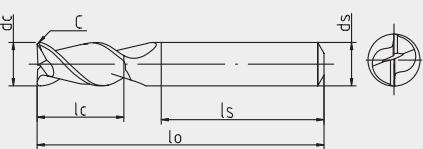
P
K
H

M
S

BRHM-2E

- 多功能，高性能刀具
- 良好的切削性能

- Multi-functional, high performance tool
- Excellent cutting performance



适合加工材料：P、H

Suitable for materials: P、H

P

H

短型设计•Short design

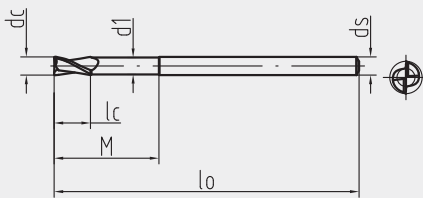
订货编号•Order code

Φ•dc 公差h9	刃长lc	柄径ds 公差h6	刃数z	总长lo	尺寸编号 Dimension Code
1.0	3	4	2	50	D1.0S
1.5	4	4	2	50	D1.5S
2.0	6	4	2	50	D2.0S
2.5	8	4	2	50	D2.5S
3.0	8	4	2	50	D3.0S
4.0	11	4	2	50	D4.0S
1.0	3	6	2	50	D1.0
1.5	4	6	2	50	D1.5
2.0	6	6	2	50	D2.0
2.5	8	6	2	50	D2.5
3.0	8	6	2	50	D3.0
3.5	10	6	2	50	D3.5
4.0	11	6	2	50	D4.0
4.5	11	6	2	50	D4.5
5.0	13	6	2	50	D5.0
5.5	16	6	2	50	D5.5
6.0	16	6	2	50	D6.0
7.0	20	8	2	60	D7.0
8.0	20	8	2	60	D8.0
9.0	22	10	2	75	D9.0
10.0	25	10	2	75	D10.0
11.0	26	12	2	75	D11.0
12.0	30	12	2	75	D12.0
14.0	32	14	2	100	D14.0
16.0	45	16	2	100	D16.0
18.0	45	18	2	100	D18.0
20.0	45	20	2	100	D20.0

BRHM-2EP

- 多功能，高性能刀具
- 良好的切削性能

- Multi-functional, high performance tool
- Excellent cutting performance



适合加工材料：P、H

Suitable for materials: P、H

P

H

长型设计•Long design

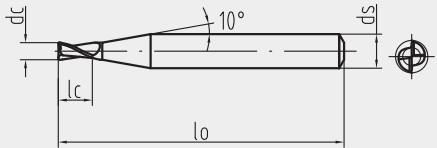
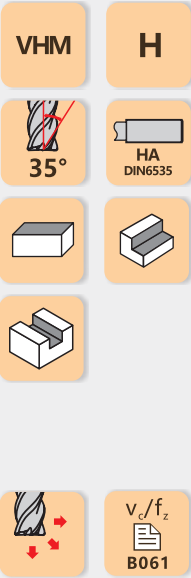
订货编号•Order code

Φ•dc 公差h9	刃长lc	柄径ds 公差h6	刃数z	颈长m	颈径d1	总长lo	尺寸编号 Dimension Code
6.0	9	6	2	30	5.8	75	D6.0
8.0	12	8	2	40	7.8	100	D8.0
10.0	15	10	2	50	9.6	100	D10.0
12.0	18	12	2	50	11.5	100	D12.0
16.0	24	16	2	50	15.5	150	D16.0
20.0	30	20	2	60	19.5	150	D20.0

BRHM-2ES

- 多功能，高性能刀具
- 良好的切削性能

- Multi-functional, high performance tool
- Excellent cutting performance



适合加工材料：P、H Suitable for materials: P、H

短型设计•Short design

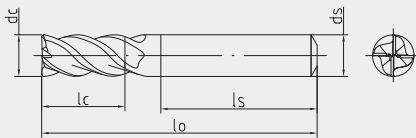
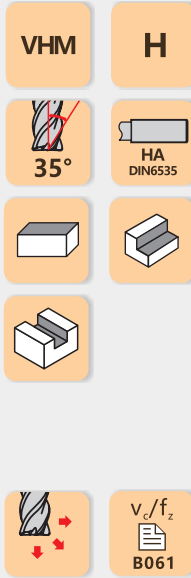
订货编号•Order code

Φ•dc 公差h9	刃长lc	柄径ds 公差h6	刃数z	总长lo	尺寸编号 Dimension Code
0.3	0.6	4	2	50	D0.3
0.5	1.0	4	2	50	D0.5
0.8	1.6	4	2	50	D0.8
1.0	2.0	4	2	50	D1.0
1.2	2.5	4	2	50	D1.2
1.5	3.0	4	2	50	D1.5
2.0	4.0	4	2	50	D2.0
2.5	5.0	4	2	50	D2.5
3.0	6.0	4	2	50	D3.0

BRHM-4E

- 多功能，高性能刀具
- 良好的切削性能

- Multi-functional, high performance tool
- Excellent cutting performance



适合加工材料：P、H Suitable for materials: P、H

短型设计•Short design

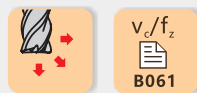
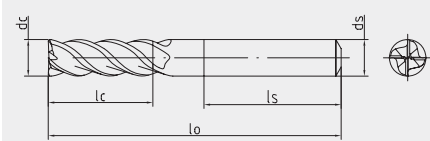
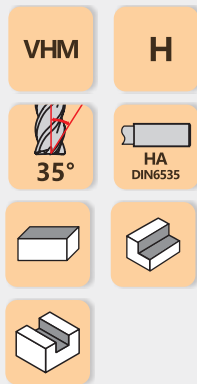
订货编号•Order code

Φ•dc 公差h9	刃长lc	柄径ds 公差h6	刃数z	总长lo	尺寸编号 Dimension Code
1.0	3	4	4	50	D1.0S
1.5	4	4	4	50	D1.5S
2.0	6	4	4	50	D2.0S
2.5	8	4	4	50	D2.5S
3.0	8	4	4	50	D3.0S
4.0	11	4	4	50	D4.0S
1.0	3	6	4	50	D1.0
1.5	4	6	4	50	D1.5
2.0	6	6	4	50	D2.0
2.5	8	6	4	50	D2.5
3.0	8	6	4	50	D3.0
3.5	10	6	4	50	D3.5
4.0	11	6	4	50	D4.0
4.5	11	6	4	50	D4.5
5.0	13	6	4	50	D5.0
5.5	16	6	4	50	D5.5
6.0	16	6	4	50	D6.0
7.0	20	8	4	60	D7.0
8.0	20	8	4	60	D8.0
9.0	22	10	4	75	D9.0
10.0	25	10	4	75	D10.0
11.0	26	12	4	75	D11.0
12.0	30	12	4	75	D12.0
14.0	32	14	4	75	D14.0
16.0	45	16	4	100	D16.0
18.0	45	18	4	100	D18.0
20.0	45	20	4	100	D20.0

BRHM-4EL

- 多功能，高性能刀具
- 良好的切削性能

- Multi-functional, high performance tool
- Excellent cutting performance



适合加工材料：P、H

Suitable for materials: P, H

P
H

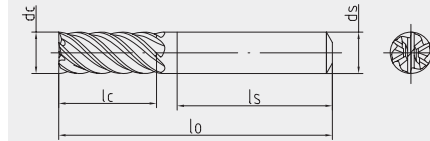
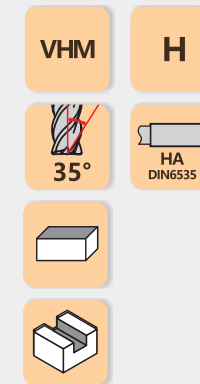
长型设计·Long design

订货编号·Order code					尺寸编号 Dimension Code
Φ·dc 公差h9	刃长lc	柄径ds 公差h6	刃数z	总长lo	
3.0	12	6	4	75	D3.0
4.0	15	6	4	75	D4.0
5.0	20	6	4	75	D5.0
6.0	20	6	4	75	D6.0
8.0	25	8	4	100	D8.0
10.0	30	10	4	100	D10.0
12.0	35	12	4	100	D12.0
14.0	40	14	4	100	D14.0
16.0	50	16	4	150	D16.0
20.0	55	20	4	150	D20.0

BRHM-6E

- 多功能，高性能刀具
- 良好的切削性能

- Multi-functional, high performance tool
- Excellent cutting performance



适合加工材料: P、H

Suitable for materials: P、H

	P
	H

短型设计·Short design

订货编号·Order code					尺寸编号 Dimension Code
Φ·dc 公差h9	刃长lc	柄径ds 公差h6	刃数z	总长lo	
6.0	18	6	6	60	D6.0
8.0	20	8	6	60	D8.0
10.0	30	10	6	75	D10.0
12.0	32	12	6	75	D12.0
16.0	40	16	6	100	D16.0
20.0	45	20	6	100	D20.0

BRHM-6EL

-多功能，高性能刀具

-良好的切削性能

-Multi-functional, high performance tool

-Excellent cutting performance

VHM

H



35°



HA
DIN6535

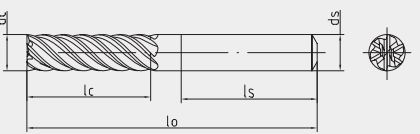






v_c/f_z

B061





适合加工材料：P、H

Suitable for materials：P、H

长型设计•Long design

订货编号•Order code					
Φ•dc 公差h9	刃长lc	柄径ds 公差h6	刃数z	总长lo	尺寸编号 Dimension Code
6.0	24	6	6	75	D6.0
8.0	32	8	6	75	D8.0
10.0	40	10	6	100	D10.0
12.0	45	12	6	100	D12.0
16.0	64	16	6	150	D16.0
20.0	75	20	6	150	D20.0

P

H

BRSM-3E

-多功能，高性能刀具

-良好的切削性能

-Multi-functional, high performance tool

-Excellent cutting performance

VHM

X



45°



HA
DIN6535

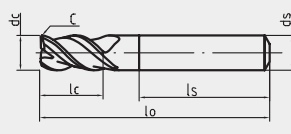






v_c/f_z

B064





适合加工材料：M、S

Suitable for materials：M、S

短型设计•Short design

订货编号•Order code					
Φ•dc 公差h9	刃长lc	柄径ds 公差h6	刃数z	总长lo	尺寸编号 Dimension Code
3.0	8	6	3	50	D3.0
4.0	11	6	3	50	D4.0
5.0	13	6	3	50	D5.0
6.0	16	6	3	50	D6.0
7.0	20	8	3	60	D7.0
8.0	20	8	3	60	D8.0
9.0	22	10	3	75	D9.0
10.0	25	10	3	75	D10.0
11.0	26	12	3	75	D11.0
12.0	30	12	3	75	D12.0
16.0	45	16	3	100	D16.0
20.0	45	20	3	100	D20.0

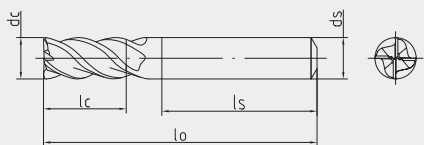
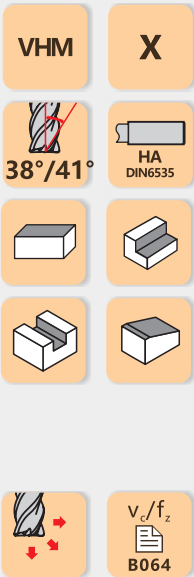
M

S

BRSM-4E

-多功能，高性能刀具
-良好的切削性能

-Multi-functional, high performance tool
-Excellent cutting performance



适合加工材料：M、S Suitable for materials: M、S

短型设计•Short design

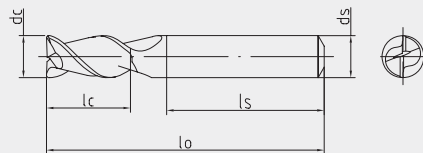
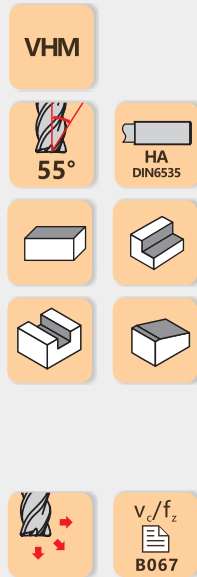
订货编号•Order code					
Φ•dc 公差h9	刃长lc	柄径ds 公差h6	刃数z	总长lo	尺寸编号 Dimension Code
4.0	11	6	4	50	D4.0
5.0	13	6	4	50	D5.0
6.0	16	6	4	50	D6.0
8.0	20	8	4	60	D8.0
10.0	25	10	4	75	D10.0
12.0	30	12	4	75	D12.0
16.0	45	16	4	100	D16.0
20.0	45	20	4	100	D20.0

M
S

BRNM-2E

-多功能，高性能刀具
-良好的切削性能

-Multi-functional, high performance tool
-Excellent cutting performance



适合加工材料：N Suitable for materials: N

短型设计•Short design

订货编号•Order code					
Φ•dc 公差h9	刃长lc	柄径ds 公差h6	刃数z	总长lo	尺寸编号 Dimension Code
1.0	3	4	2	50	D1.0
1.5	4	4	2	50	D1.5
2.0	6	4	2	50	D2.0
2.5	7	4	2	50	D2.5
3.0	9	6	2	50	D3.0
4.0	12	6	2	50	D4.0
5.0	15	6	2	50	D5.0
6.0	18	6	2	50	D6.0
8.0	20	8	2	50	D8.0
10.0	30	10	2	50	D10.0
12.0	32	12	2	50	D12.0
16.0	45	16	2	50	D16.0
20.0	45	20	2	50	D20.0

N

BRNM-2EL

- 多功能，高性能刀具
- 良好的切削性能
- Multi-functional, high performance tool
- Excellent cutting performance

VHM



55°



HA

DIN6535

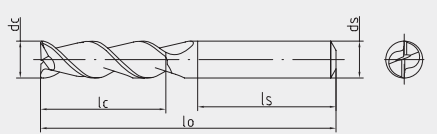






v_c/f_z

B067



适合加工材料：N Suitable for materials： N

长型设计•Long design

订货编号•Order code					
Φ•dc 公差h9	刃长lc	柄径ds 公差h6	刃数z	总长lo	尺寸编号 Dimension Code
3.0	12	6	2	60	D3.0
4.0	16	6	2	60	D4.0
5.0	20	6	2	60	D5.0
6.0	25	6	2	75	D6.0
8.0	32	8	2	75	D8.0
10.0	45	10	2	100	D10.0
12.0	45	12	2	100	D12.0
16.0	65	16	2	150	D16.0
20.0	75	20	2	150	D20.0

BRNM-3E

- 多功能，高性能刀具
- 良好的切削性能
- Multi-functional, high performance tool
- Excellent cutting performance

VHM



45°



HA

DIN6535

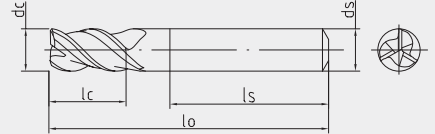






v_c/f_z

B067



适合加工材料：N Suitable for materials： N

短型设计•Short design

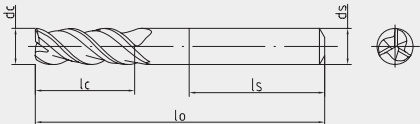
订货编号•Order code					
Φ•dc 公差h9	刃长lc	柄径ds 公差h6	刃数z	总长lo	尺寸编号 Dimension Code
1.0	3	4	3	50	D1.0
1.5	4	4	3	50	D1.5
2.0	6	4	3	50	D2.0
2.5	7	4	3	50	D2.5
3.0	9	6	3	50	D3.0
4.0	12	6	3	50	D4.0
5.0	15	6	3	50	D5.0
6.0	18	6	3	60	D6.0
8.0	20	8	3	60	D8.0
10.0	30	10	3	75	D10.0
12.0	32	12	3	75	D12.0
16.0	45	16	3	100	D16.0
20.0	45	20	3	100	D20.0

BRNM-3EL

- 多功能，高性能刀具
- 良好的切削性能

- Multi-functional, high performance tool
- Excellent cutting performance

VHM



适合加工材料：N Suitable for materials: N

长型设计•Long design

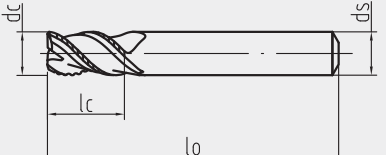
订货编号•Order code					尺寸编号 Dimension Code
Φ•dc 公差h9	刃长lc	柄径ds 公差h6	刃数z	总长lo	
3.0	12	6	3	60	D3.0
4.0	16	6	3	60	D4.0
5.0	20	6	3	60	D5.0
6.0	25	6	3	75	D6.0
8.0	32	8	3	75	D8.0
10.0	45	10	3	100	D10.0
12.0	45	12	3	100	D12.0
16.0	65	16	3	150	D16.0
20.0	75	20	3	150	D20.0

BRNM-3EW

- 多功能，高性能刀具
- 良好的切削性能

- Multi-functional, high performance tool
- Excellent cutting performance

VHM



适合加工材料：N Suitable for materials: N

波状刃型设计•Wavelike flute design

订货编号·Order code					
Φ·dc 公差h9	刃长lc	柄径ds 公差h6	刃数z	总长lo	尺寸编号 Dimension Code
6.0	16	6	3	50	D6.0
8.0	20	8	3	60	D8.0
10.0	25	10	3	75	D10.0
12.0	30	12	3	75	D12.0
16.0	45	16	3	100	D16.0
20.0	45	20	3	100	D20.0

BRGM-2R

-多功能，高性能刀具

-良好的切削性能

-Multi-functional, high performance tool

-Excellent cutting performance

VHM

F

35°

HA

DIN6535

v_c/f_z

B059

dc

R

lc

lo

ls

ds

适合加工材料：P、M、K、S、H

Suitable for materials：P、M、K、S、H

短型设计•Short design

订货编号•Order code						尺寸编号 Dimension Code
Φ•dc 公差h9	刃长lc	刀尖半径R ±0.020	柄径ds 公差h6	刃数z	总长lo	
1.0	3	0.2	4	2	50	D1.0R0.2
1.5	4	0.2	4	2	50	D1.5R0.2
2.0	6	0.2	4	2	50	D2.0R0.2
2.0	6	0.5	4	2	50	D2.0R0.5
2.5	8	0.2	4	2	50	D2.5R0.2
2.5	8	0.5	4	2	50	D2.5R0.5
3.0	8	0.2	4	2	50	D3.0R0.2
3.0	8	0.3	4	2	50	D3.0R0.3
3.0	8	0.5	4	2	50	D3.0R0.5
4.0	11	0.2	4	2	50	D4.0R0.2
4.0	11	0.3	4	2	50	D4.0R0.3
4.0	11	0.5	4	2	50	D4.0R0.5
4.0	11	1.0	4	2	50	D4.0R1.0
5.0	13	0.3	6	2	50	D5.0R0.3
5.0	13	0.5	6	2	50	D5.0R0.5
5.0	13	1.0	6	2	50	D5.0R1.0
6.0	16	0.3	6	2	50	D6.0R0.3
6.0	16	0.5	6	2	50	D6.0R0.5
6.0	16	1.0	6	2	50	D6.0R1.0
8.0	20	0.3	8	2	60	D8.0R0.3
8.0	20	0.5	8	2	60	D8.0R0.5
8.0	20	1.0	8	2	60	D8.0R1.0
10.0	25	0.5	10	2	75	D10.0R0.5
10.0	25	1.0	10	2	75	D10.0R1.0
10.0	25	1.5	10	2	75	D10.0R1.5
10.0	25	2.0	10	2	75	D10.0R2.0
12.0	30	0.5	12	2	75	D12.0R0.5
12.0	30	1.0	12	2	75	D12.0R1.0
12.0	30	1.5	12	2	75	D12.0R1.5
12.0	30	2.0	12	2	75	D12.0R2.0

BRGM-4R

-多功能，高性能刀具

-良好的切削性能

-Multi-functional, high performance tool

-Excellent cutting performance

VHM

F

35°

HA

DIN6535

v_c/f_z

B059

dc

R

lc

lo

ls

ds

适合加工材料：P、M、K、S、H

Suitable for materials：P、M、K、S、H

短型设计•Short design

订货编号•Order code						尺寸编号 Dimension Code
Φ•dc 公差h9	刃长lc	刀尖半径R ±0.020	柄径ds 公差h6	刃数z	总长lo	
3.0	8	0.2	4	4	50	D3.0R0.2
4.0	10	0.3	4	4	50	D4.0R0.3
4.0	10	0.5	4	4	50	D4.0R0.5
5.0	13	0.5	6	4	50	D5.0R0.5
5.0	13	1.0	6	4	50	D5.0R1.0
6.0	16	0.5	6	4	50	D6.0R0.5
6.0	16	1.0	6	4	50	D6.0R1.0
8.0	20	0.5	8	4	60	D8.0R0.5
8.0	20	1.0	8	4	60	D8.0R1.0
10.0	25	0.5	10	4	75	D10.0R0.5
10.0	25	1.0	10	4	75	D10.0R1.0
10.0	25	2.0	10	4	75	D10.0R2.0
10.0	25	3.0	10	4	75	D10.0R3.0
12.0	30	0.5	12	4	75	D12.0R0.5
12.0	30	1.0	12	4	75	D12.0R1.0
12.0	30	2.0	12	4	75	D12.0R2.0
12.0	30	3.0	12	4	75	D12.0R3.0

BRGM-4RL

-多功能，高性能刀具

-良好的切削性能

-Multi-functional, high performance tool

-Excellent cutting performance

VHM

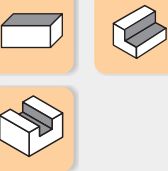
F



35°



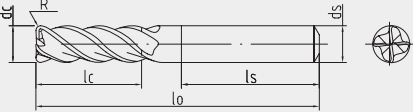
HA
DIN6535





v_c/f_z
B059







适合加工材料：P、M、K、S、H Suitable for materials: P、M、K、S、H

长型设计•Long design

订货编号•Order code

Φ•dc 公差h9	刃长lc	刀尖半径R ±0.020	柄径ds 公差h6	刃数z	总长lo	尺寸编号 Dimension Code
6.0	16	0.5	6	4	75	D6.0R0.5
6.0	16	1.0	6	4	75	D6.0R1.0
8.0	20	0.5	8	4	100	D8.0R0.5
8.0	20	1.0	8	4	100	D8.0R1.0
10.0	25	0.5	10	4	100	D10.0R0.5
10.0	25	1.0	10	4	100	D10.0R1.0
10.0	25	2.0	10	4	100	D10.0R2.0
12.0	30	0.5	12	4	100	D12.0R0.5
12.0	30	1.0	12	4	100	D12.0R1.0
12.0	30	2.0	12	4	100	D12.0R2.0
16.0	45	1.0	16	4	150	D16.0R1.0
16.0	45	2.0	16	4	150	D16.0R2.0

B031

刀尖圓角铣刀 | Solid Carbide Torus End Mills

AHNO 阿诺
Cutting Tool Technology

BRHM-4R

-多功能，高性能刀具

-良好的切削性能

-Multi-functional, high performance tool

-Excellent cutting performance

VHM

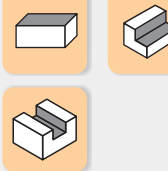
H



35°



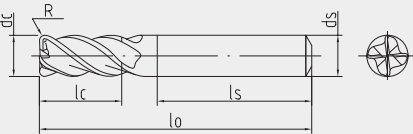
HA
DIN6535





v_c/f_z
B062







适合加工材料：P、H Suitable for materials: P、H

短型设计•Short design

订货编号•Order code

Φ•dc 公差h9	刃长lc	刀尖半径R ±0.020	柄径ds 公差h6	刃数z	总长lo	尺寸编号 Dimension Code
3.0	8	0.2	4	4	50	D3.0R0.2
4.0	10	0.3	4	4	50	D4.0R0.3
4.0	10	0.5	4	4	50	D4.0R0.5
5.0	13	0.5	6	4	50	D5.0R0.5
5.0	13	1.0	6	4	50	D5.0R1.0
6.0	16	0.5	6	4	50	D6.0R0.5
6.0	16	1.0	6	4	50	D6.0R1.0
8.0	20	0.5	8	4	60	D8.0R0.5
8.0	20	1.0	8	4	60	D8.0R1.0
10.0	25	0.5	10	4	75	D10.0R0.5
10.0	25	1.0	10	4	75	D10.0R1.0
10.0	25	2.0	10	4	75	D10.0R2.0
10.0	25	3.0	10	4	75	D10.0R3.0
12.0	30	0.5	12	4	75	D12.0R0.5
12.0	30	1.0	12	4	75	D12.0R1.0
12.0	30	2.0	12	4	75	D12.0R2.0
12.0	30	3.0	12	4	75	D12.0R3.0

- 库存刀具，订购前请致电查询 Stock cutting tools. Please call to check inventory before ordering
- 接受非标定制 Available for special tool order

B032

BRHM-4RP

-多功能，高性能刀具
-良好的切削性能

-Multi-functional, high performance tool
-Excellent cutting performance

VHM

H



35°



HA
DIN6535



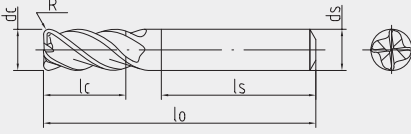








v_c/f_z
B062





适合加工材料：P、H

Suitable for materials: P、H

长型设计•Long design

P

H

订货编号•Order code						尺寸编号 Dimension Code
Φ•dc 公差h9	刃长lc	刀尖半径R ±0.020	柄径ds 公差h6	刃数z	总长lo	
3.0	8	0.2	4	4	50	D3.0R0.2
4.0	10	0.3	4	4	50	D4.0R0.3
4.0	10	0.5	4	4	50	D4.0R0.5
5.0	13	0.5	6	4	50	D5.0R0.5
5.0	13	1.0	6	4	50	D5.0R1.0
6.0	16	0.5	6	4	50	D6.0R0.5
6.0	16	1.0	6	4	50	D6.0R1.0
8.0	20	0.5	8	4	60	D8.0R0.5
8.0	20	1.0	8	4	60	D8.0R1.0
10.0	25	0.5	10	4	75	D10.0R0.5
10.0	25	1.0	10	4	75	D10.0R1.0
10.0	25	2.0	10	4	75	D10.0R2.0
10.0	25	3.0	10	4	75	D10.0R3.0
12.0	30	0.5	12	4	75	D12.0R0.5
12.0	30	1.0	12	4	75	D12.0R1.0
12.0	30	2.0	12	4	75	D12.0R2.0
12.0	30	3.0	12	4	75	D12.0R3.0

BRSM-4R

-多功能，高性能刀具
-良好的切削性能

-Multi-functional, high performance tool
-Excellent cutting performance

VHM

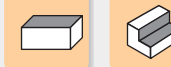
X



38°/41°



HA
DIN6535



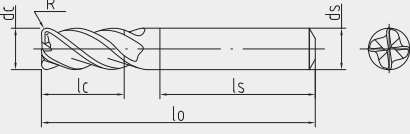








v_c/f_z
B065





适合加工材料：M、S

Suitable for materials: M、S

短型设计•Short design

M

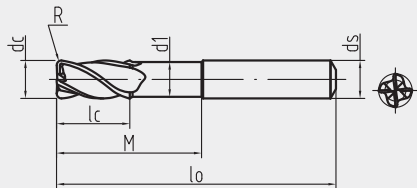
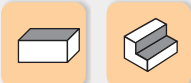
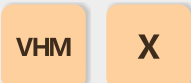
S

订货编号•Order code						尺寸编号 Dimension Code
Φ•dc 公差h9	刃长lc	刀尖半径R ±0.020	柄径ds 公差h6	刃数z	总长lo	
6.0	16	0.5	6	4	50	D6.0R0.5
6.0	16	1.0	6	4	50	D6.0R1.0
8.0	20	0.5	8	4	60	D8.0R0.5
8.0	20	1.0	8	4	60	D8.0R1.0
10.0	25	0.5	10	4	75	D10.0R0.5
10.0	25	1.0	10	4	75	D10.0R1.0
10.0	25	2.0	10	4	75	D10.0R2.0
12.0	30	0.5	12	4	75	D12.0R0.5
12.0	30	1.0	12	4	75	D12.0R1.0
12.0	30	2.0	12	4	75	D12.0R2.0
16.0	45	1.0	16	4	100	D16.0R1.0
16.0	45	2.0	16	4	100	D16.0R2.0
16.0	45	3.0	16	4	100	D16.0R3.0
20.0	45	1.0	20	4	100	D20.0R1.0
20.0	45	2.0	20	4	100	D20.0R2.0
20.0	45	3.0	20	4	100	D20.0R3.0

BRSM-4RP

- 多功能, 高性能刀具
- 良好的切削性能

- Multi-functional, high performance tool
- Excellent cutting performance



适合加工材料：M、S

Suitable for materials: M、S

M

S

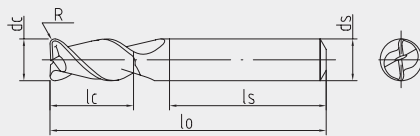
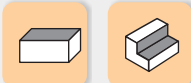
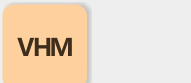
长型设计·Long design

订货编号·Order code								尺寸编号 Dimension Code
Φ·dc 公差h9	刃长lc	刀尖半径R ±0.020	柄径ds 公差h6	刃数z	颈径d1	颈长M	总长lo	
6.0	9	0.5	6	4	5.7	27	75	D6.0R0.5
6.0	9	1.0	6	4	5.7	27	75	D6.0R1.0
8.0	12	0.5	8	4	7.7	36	100	D8.0R0.5
8.0	12	1.0	8	4	7.7	36	100	D8.0R1.0
10.0	14	0.5	10	4	9.5	42	100	D10.0R0.5
10.0	14	1.0	10	4	9.5	42	100	D10.0R1.0
10.0	14	2.0	10	4	9.5	42	100	D10.0R2.0
12.0	16	0.5	12	4	11.5	48	100	D12.0R0.5
12.0	16	1.0	12	4	11.5	48	100	D12.0R1.0
12.0	16	2.0	12	4	11.5	48	100	D12.0R2.0
16.0	20	1.0	16	4	15.5	60	150	D16.0R1.0
16.0	20	2.0	16	4	15.5	60	150	D16.0R2.0

BRNM-2R

- 多功能, 高性能刀具
- 良好的切削性能

- Multi-functional, high performance tool
- Excellent cutting performance



适合加工材料: N

Suitable for materials: N

N

短型设计·Short design

订货编号·Order code						尺寸编号 Dimension Code
Φ·dc 公差h9	刃长lc	刀尖半径R ±0.020	柄径ds 公差h6	刃数z	总长lo	
6.0	7	1.0	6	2	57	D6.0R1.0
8.0	9	1.0	8	2	63	D8.0R1.0
10.0	11	1.0	10	2	72	D10.0R1.0
10.0	11	2.0	10	2	72	D10.0R2.0
12.0	12	1.0	12	2	83	D12.0R1.0
12.0	12	2.0	12	2	83	D12.0R2.0
12.0	12	3.0	12	2	83	D12.0R3.0
16.0	16	1.0	16	2	92	D16.0R1.0
16.0	16	2.0	16	2	92	D16.0R2.0
16.0	16	3.0	16	2	92	D16.0R3.0
16.0	16	4.0	16	2	92	D16.0R4.0
20.0	20	1.0	20	2	104	D20.0R1.0
20.0	20	2.0	20	2	104	D20.0R2.0
20.0	20	3.0	20	2	104	D20.0R3.0
20.0	20	4.0	20	2	104	D20.0R4.0
20.0	20	5.0	20	2	104	D20.0R5.0
20.0	20	6.0	20	2	104	D20.0R6.0

BRNM-2RL

-多功能，高性能刀具
-良好的切削性能

-Multi-functional, high performance tool
-Excellent cutting performance

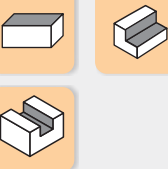
VHM



30°

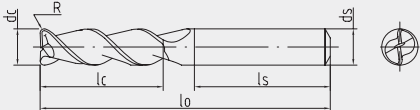


HA
DIN6535





v_c/f_z
B067





适合加工材料：N

Suitable for materials: N

长型设计•Long design

订货编号•Order code						尺寸编号 Dimension Code
Φ•dc 公差h9	刃长lc	刀尖半径R ±0.020	柄径ds 公差h6	刃数z	总长lo	
6.0	7	1.0	6	2	80	D6.0R1.0
8.0	9	1.0	8	2	90	D8.0R1.0
10.0	11	1.0	10	2	100	D10.0R1.0
10.0	11	2.0	10	2	100	D10.0R2.0
12.0	12	1.0	12	2	120	D12.0R1.0
12.0	12	2.0	12	2	120	D12.0R2.0
12.0	12	3.0	12	2	120	D12.0R3.0
16.0	16	1.0	16	2	140	D16.0R1.0
16.0	16	2.0	16	2	140	D16.0R2.0
16.0	16	3.0	16	2	140	D16.0R3.0
16.0	16	4.0	16	2	140	D16.0R4.0
20.0	20	1.0	20	2	140	D20.0R1.0
20.0	20	2.0	20	2	140	D20.0R2.0
20.0	20	3.0	20	2	140	D20.0R3.0
20.0	20	4.0	20	2	140	D20.0R4.0
20.0	20	5.0	20	2	140	D20.0R5.0
20.0	20	6.0	20	2	140	D20.0R6.0

BRNM-3R

-多功能，高性能刀具
-良好的切削性能

-Multi-functional, high performance tool
-Excellent cutting performance

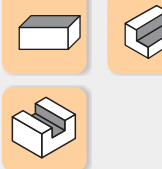
VHM



30°

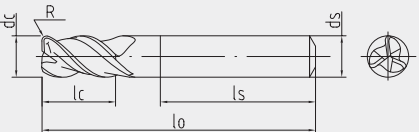


HA
DIN6535





v_c/f_z
B067





适合加工材料：N

Suitable for materials: N

短型设计•Short design

订货编号•Order code						尺寸编号 Dimension Code
Φ•dc 公差h9	刃长lc	刀尖半径R ±0.020	柄径ds 公差h6	刃数z	总长lo	
12.0	12	1.0	12	3	83	D12.0R1.0
12.0	12	2.0	12	3	83	D12.0R2.0
12.0	12	3.0	12	3	83	D12.0R3.0
16.0	16	1.0	16	3	92	D16.0R1.0
16.0	16	2.0	16	3	92	D16.0R2.0
16.0	16	3.0	16	3	92	D16.0R3.0
16.0	16	4.0	16	3	92	D16.0R4.0
20.0	20	1.0	20	3	104	D20.0R1.0
20.0	20	2.0	20	3	104	D20.0R2.0
20.0	20	3.0	20	3	104	D20.0R3.0
20.0	20	4.0	20	3	104	D20.0R4.0
20.0	20	5.0	20	3	104	D20.0R5.0
20.0	20	6.0	20	3	104	D20.0R6.0

BRNM-3RL

-多功能，高性能刀具
-良好的切削性能

-Multi-functional, high performance tool
-Excellent cutting performance

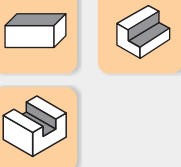
VHM



30°



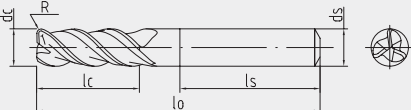
HA
DIN6535







v_c/f_z
B067





适合加工材料：N Suitable for materials: N

N

长型设计•Long design

订货编号•Order code						尺寸编号 Dimension Code
Φ•dc 公差h9	刃长lc	刀尖半径R ±0.020	柄径ds 公差h6	刃数z	总长lo	
12.0	12	1.0	12	3	120	D12.0R1.0
12.0	12	2.0	12	3	120	D12.0R2.0
12.0	12	3.0	12	3	120	D12.0R3.0
16.0	16	1.0	16	3	140	D16.0R1.0
16.0	16	2.0	16	3	140	D16.0R2.0
16.0	16	3.0	16	3	140	D16.0R3.0
16.0	16	4.0	16	3	140	D16.0R4.0
20.0	20	1.0	20	3	140	D20.0R1.0
20.0	20	2.0	20	3	140	D20.0R2.0
20.0	20	3.0	20	3	140	D20.0R3.0
20.0	20	4.0	20	3	140	D20.0R4.0
20.0	20	5.0	20	3	140	D20.0R5.0
20.0	20	6.0	20	3	140	D20.0R6.0

B039

AHNO 阿诺
Cutting Tool Technology

球头铣刀 | Carbide Ball Nose Mills

BRGM-2B

-多功能，高性能刀具
-良好的切削性能

-Multi-functional, high performance tool
-Excellent cutting performance

VHM

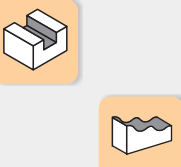
F



35°

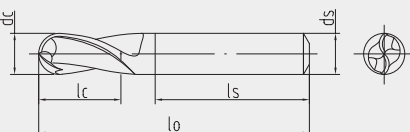


HA
DIN6535





v_c/f_z
B060





适合加工材料：P、M、K、H、S Suitable for materials: P、M、K、H、S

P

M

K

S

H

短型设计•Short design

订货编号•Order code						尺寸编号 Dimension Code
Φ•dc 公差h9	刃长lc	球头半径R	柄径ds 公差h6	刃数z	总长lo	
1.0	2	0.5	4	2	50	R0.5S
1.5	3	0.75	4	2	50	R0.75S
2.0	4	1.0	4	2	50	R1.0S
2.5	5	1.25	4	2	50	R1.25S
3.0	6	1.5	4	2	50	R1.5S
4.0	8	2.0	4	2	50	R2.0S
1.0	2	0.5	6	2	50	R0.5
1.5	3	0.75	6	2	50	R0.75
2.0	4	1.0	6	2	50	R1.0
2.5	5	1.25	6	2	50	R1.25
3.0	6	1.5	6	2	50	R1.5
3.5	8	1.75	6	2	50	R1.75
4.0	8	2.0	6	2	50	R2.0
5.0	10	2.5	6	2	50	R2.5
5.5	12	2.75	6	2	50	R2.75
6.0	12	3.0	6	2	50	R3.0
7.0	14	3.5	8	2	60	R3.5
8.0	16	4.5	8	2	60	R4.5
9.0	18	4.5	10	2	75	R4.5
10	20	5.0	10	2	75	R5.0
12	24	6.0	12	2	75	R6.0
14	28	7.0	14	2	75	R7.0
16	32	8.0	16	2	100	R8.0
20	40	10.0	20	2	100	R10.0

- 库存刀具，订购前请致电查询 Stock cutting tools. Please call to check inventory before ordering

- 接受非标定制 Available for special tool order

B040

BRGM-2BL

-多功能，高性能刀具
-良好的切削性能

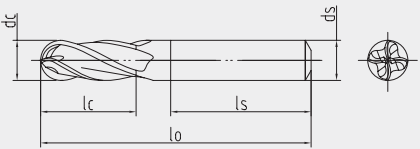
-Multi-functional, high performance tool
-Excellent cutting performance

VHMF

35°

HA
DIN6535

v_c/f_z
B060



适合加工材料：P、M、K、H、S Suitable for materials: P、M、K、H、S

长型设计•Long design

订货编号•Order code						尺寸编号 Dimension Code
Φ•dc 公差h9	刃长lc	球头半径R	柄径ds 公差h6	刃数z	总长lo	
2.0	4	1.0	6	2	75	R1.0
2.5	5	1.25	6	2	75	R1.25
3.0	6	1.5	6	2	75	R1.5
3.5	8	1.75	6	2	75	R1.75
4.0	8	2.0	6	2	75	R2.0
5.0	10	2.5	6	2	75	R2.5
5.5	12	2.75	6	2	75	R2.75
6.0	12	3.0	6	2	75	R3.0
7.0	14	3.5	8	2	75	R3.5
8.0	16	4.0	8	2	100	R4.0
9.0	18	4.5	10	2	100	R4.5
10.0	20	5.0	10	2	100	R5.0
12.0	24	6.0	12	2	100	R6.0
14.0	28	7.0	14	2	100	R7.0
16.0	32	8.0	16	2	150	R8.0
20.0	40	10.0	20	2	150	R10.0

P M

K S

H

BRGM-2BP

-多功能，高性能刀具
-良好的切削性能

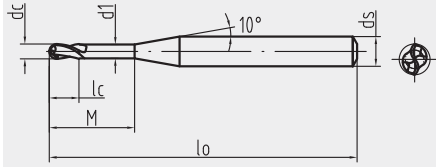
-Multi-functional, high performance tool
-Excellent cutting performance

VHMF

35°

HA
DIN6535

v_c/f_z
B060



适合加工材料：P、M、K、N、S、H Suitable for materials: P、M、K、N、S、H

长型设计•Long design

订货编号•Order code						尺寸编号 Dimension Code
Φ•dc 公差h9	刃长lc	球头半径R	柄径ds 公差h6	刃数z	总长lo	
0.5	0.7	0.25	4	2	50	R0.25
0.5	0.7	0.25	4	2	50	R0.25
0.6	0.9	0.3	4	2	50	R0.3
0.6	0.9	0.3	4	2	50	R0.3
0.8	1.2	0.4	4	2	50	R0.4
0.8	1.2	0.4	4	2	50	R0.4
1.0	1.5	0.5	4	2	50	R0.5
1.0	1.5	0.5	4	2	50	R0.5
1.2	1.8	0.6	4	2	50	R0.6
1.2	1.8	0.6	4	2	50	R0.6
1.5	2.3	0.75	4	2	50	R0.75
1.5	2.3	0.75	4	2	50	R0.75
2.0	3.0	1.0	4	2	50	R1.0
2.0	3.0	1.0	4	2	50	R1.0
2.5	3.7	1.25	4	2	50	R1.25
2.5	3.7	1.25	4	2	50	R1.25
3.0	4.5	1.5	6	2	50	R1.5
3.0	4.5	1.5	6	2	60	R1.5
4.0	6.0	2.0	6	2	60	R2.0
4.0	6.0	2.0	6	2	60	R2.0
5.0	7.5	2.5	6	2	60	R2.5
5.0	7.5	2.5	6	2	70	R2.5

P M

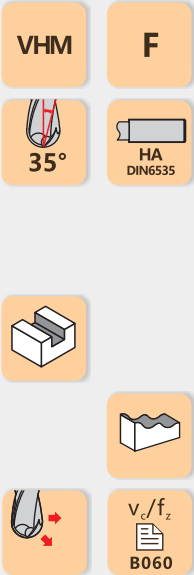
K N

S H

BRGM-2BS

-多功能，高性能刀具
-良好的切削性能

-Multi-functional, high performance tool
-Excellent cutting performance



适合加工材料：P、M、K、N、S、H Suitable for materials: P、M、K、N、S、H

短型设计•Short design

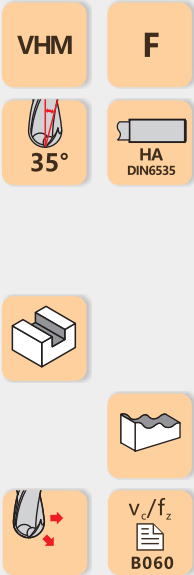
订货编号•Order code						尺寸编号 Dimension Code
Φ•dc 公差h9	刃长lc	球头半径R	柄径ds 公差h6	刃数z	总长lo	
0.30	0.5	0.15	4	2	50	R0.15
0.50	0.8	0.25	4	2	50	R0.25
0.80	1.2	0.40	4	2	50	R0.40
1.00	1.5	0.50	4	2	50	R0.50
1.20	1.8	0.60	4	2	50	R0.60
1.50	2.3	0.75	4	2	50	R0.75
2.00	3.0	1.00	4	2	50	R1.00
2.50	3.7	1.25	4	2	50	R1.25
3.00	4.5	1.50	4	2	50	R1.50



BRGM-4B

-多功能，高性能刀具
-良好的切削性能

-Multi-functional, high performance tool
-Excellent cutting performance



适合加工材料：P、M、K、N、S、H Suitable for materials: P、M、K、N、S、H

短型设计•Short design

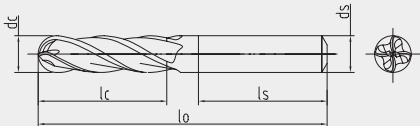
订货编号•Order code						尺寸编号 Dimension Code
Φ•dc 公差h9	刃长lc	球头半径R	柄径ds 公差h6	刃数z	总长lo	
3.0	6	1.5	6	4	50	R1.5
4.0	8	2.0	6	4	50	R2.0
5.0	10	2.5	6	4	50	R2.5
6.0	12	3.0	6	4	50	R3.0
8.0	16	4.0	8	4	60	R4.0
10.0	20	5.0	10	4	75	R5.0
12.0	24	6.0	12	4	75	R6.0
14.0	28	7.0	14	4	75	R7.0
16.0	32	8.0	16	4	100	R8.0
18.0	36	9.0	18	4	100	R9.0
20.0	40	10.0	20	4	100	R10.0

单边锥度 Single tap α/2: 2°、3°、4°、5°、6°、7°、8°

BRGM-4BL

- 多功能，高性能刀具
- 良好的切削性能

- Multi-functional, high performance tool
- Excellent cutting performance



适合加工材料：P、M、K、H、S Suitable for materials: P、M、K、H、S

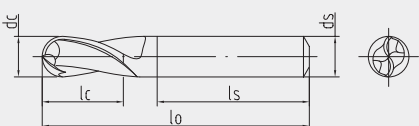
长型设计•Long design

订货编号•Order code						尺寸编号 Dimension Code
Φ•dc 公差h9	刃长lc	球头半径R	柄径ds 公差h6	刃数z	总长lo	
3.0	6	1.5	6	4	75	R1.5
4.0	8	2.0	6	4	75	R2.0
5.0	10	2.5	6	4	75	R2.5
6.0	12	3.0	6	4	75	R3.0
8.0	16	4.0	8	4	100	R4.0
10.0	20	5.0	10	4	100	R5.0
12.0	24	6.0	12	4	100	R6.0
14.0	28	7.0	14	4	100	R7.0
16.0	32	8.0	16	4	150	R8.0
18.0	36	9.0	18	4	150	R9.0
20.0	40	10.0	20	4	150	R10.0

BRHM-2B

- 多功能，高性能刀具
- 良好的切削性能

- Multi-functional, high performance tool
- Excellent cutting performance



适合加工材料：P、H Suitable for materials: P、H

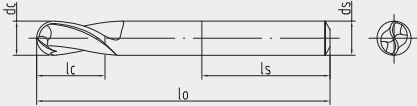
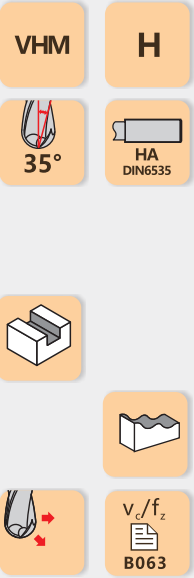
短型设计•Short design

订货编号•Order code						尺寸编号 Dimension Code
Φ•dc 公差h9	刃长lc	球头半径R	柄径ds 公差h6	刃数z	总长lo	
1.0	2	0.5	4	2	50	R0.5S
1.5	3	0.75	4	2	50	R0.75S
2.0	4	1.0	4	2	50	R1.0S
2.5	5	1.25	4	2	50	R1.25S
3.0	6	1.5	4	2	50	R1.5S
4.0	8	2.0	4	2	50	R2.0S
1.0	2	0.5	6	2	50	R0.5
1.5	3	0.75	6	2	50	R0.75
2.0	4	1.0	6	2	50	R1.0
2.5	5	1.25	6	2	50	R1.25
3.0	6	1.5	6	2	50	R1.5
3.5	8	1.75	6	2	50	R1.75
4.0	8	2.0	6	2	50	R2.0
5.0	10	2.5	6	2	50	R2.5
5.5	12	2.75	6	2	50	R2.75
6.0	12	3.0	6	2	50	R3.0
7.0	14	3.5	8	2	60	R3.5
8.0	16	4.0	8	2	60	R4.0
9.0	18	4.5	10	2	75	R4.5
10.0	20	5.0	10	2	75	R5.0
12.0	24	6.0	12	2	75	R6.0
14.0	28	7.0	14	2	75	R7.0
16.0	32	8.0	16	2	100	R8.0
20.0	40	10.0	20	2	100	R10.0

BRHM-2BL

- 多功能，高性能刀具
- 良好的切削性能

- Multi-functional, high performance tool
- Excellent cutting performance



适合加工材料：P、H Suitable for materials: P、H

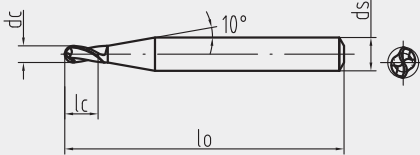
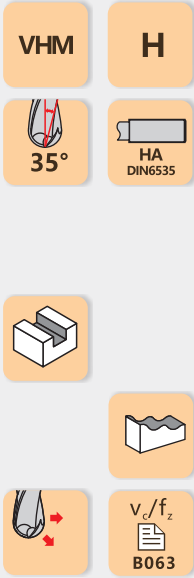
长型设计•Long design

订货编号•Order code						尺寸编号 Dimension Code
Φ·dc 公差h9	刃长lc	球头半径R	柄径ds 公差h6	刃数z	总长lo	
2.0	4	1.0	6	2	75	R1.0S
2.5	6	1.25	6	2	75	R1.25S
3.0	6	1.5	6	2	75	R1.5S
3.5	8	1.75	6	2	75	R1.75S
4.0	8	2.0	6	2	75	R2.0S
5.0	10	2.5	6	2	75	R2.5S
5.5	12	2.75	6	2	75	R2.75S
6.0	12	3.0	6	2	75	R3.0
7.0	14	3.5	8	2	75	R3.5
8.0	16	4.0	8	2	100	R4.0
9.0	18	4.5	10	2	100	R4.5
10.0	20	5.0	10	2	100	R5.0
12.0	24	6.0	12	2	100	R6.0
14.0	28	7.0	14	2	100	R7.0
16.0	32	8.0	16	2	150	R8.0
20.0	40	10.0	20	2	150	R10.0

BRHM-2BS

- 多功能，高性能刀具
- 良好的切削性能

- Multi-functional, high performance tool
- Excellent cutting performance



适合加工材料：M、S Suitable for materials: M、S

短型设计•Short design

订货编号•Order code						尺寸编号 Dimension Code
Φ·dc 公差h9	刃长lc	球头半径R	柄径ds 公差h6	刃数z	总长lo	
0.30	0.5	0.15	4	2	50	R0.15
0.50	0.8	0.25	4	2	50	R0.25
0.80	1.2	0.40	4	2	50	R0.40
1.00	1.5	0.50	4	2	50	R0.50
1.20	1.8	0.60	4	2	50	R0.60
1.50	2.3	0.75	4	2	50	R0.75
2.00	3.0	1.00	4	2	50	R1.00
2.50	3.7	1.25	4	2	50	R1.25
3.00	4.5	1.50	4	2	50	R1.50

BRHM-4B

-多功能，高性能刀具

-良好的切削性能

-Multi-functional, high performance tool

-Excellent cutting performance

VHM

H



35°



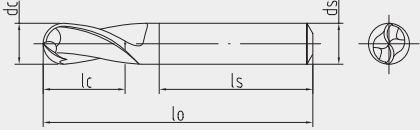
HA
DIN6535







v_c/f_z
B063





适合加工材料：M、S

Suitable for materials: M、S

短型设计•Short design

M

S

订货编号•Order code						尺寸编号 Dimension Code
Φ•dc 公差h9	刃长lc	球头半径R	柄径ds 公差h6	刃数z	总长lo	
3.0	6	1.5	6	4	50	R1.5
4.0	8	2.0	6	4	50	R2.0
5.0	10	2.5	6	4	50	R2.5
6.0	12	3.0	6	4	50	R3.0
8.0	16	4.0	8	4	60	R4.0
10.0	20	5.0	10	4	75	R5.0
12.0	24	6.0	12	4	75	R6.0
14.0	28	7.0	14	4	75	R7.0
16.0	32	8.0	16	4	100	R8.0
18.0	36	9.0	18	4	100	R9.0
20.0	40	10.0	20	4	100	R10.0

B049

球头铣刀 | Carbide Ball Nose Mills

AHNO 阿诺

Cutting Tool Technology

BRHM-4BL

-多功能，高性能刀具

-良好的切削性能

-Multi-functional, high performance tool

-Excellent cutting performance

VHM

H



35°



HA
DIN6535







v_c/f_z
B063





适合加工材料：M、S

Suitable for materials: M、S

长型设计•Long design

M

S

订货编号•Order code						尺寸编号 Dimension Code
Φ•dc 公差h9	刃长lc	球头半径R	柄径ds 公差h6	刃数z	总长lo	
3.0	6	1.5	6	4	75	R1.5
4.0	8	2.0	6	4	75	R2.0
5.0	10	2.5	6	4	75	R2.5
6.0	12	3.0	6	4	75	R3.0
8.0	16	4.0	8	4	100	R4.0
10.0	20	5.0	10	4	100	R5.0
12.0	24	6.0	12	4	100	R6.0
14.0	28	7.0	14	4	100	R7.0
16.0	32	8.0	16	4	150	R8.0
18.0	36	9.0	18	4	150	R9.0
20.0	40	10.0	20	4	150	R10.0

- 库存刀具，订购前请致电查询 Stock cutting tools. Please call to check inventory before ordering

- 接受非标定制 Available for special tool order

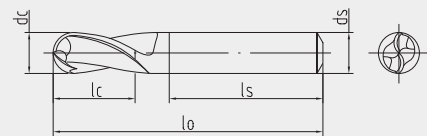
B050

BRNM-2B

- 多功能，高性能刀具
- 良好的切削性能

- Multi-functional, high performance tool
- Excellent cutting performance

VHM



适合加工材料: N

Suitable for materials: N

	N
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短型设计·Short design

订货编号-Order code						尺寸编号 Dimension Code
Φ·dc 公差h9	刃长lc	球头半径R	柄径ds 公差h6	刃数z	总长lo	
2.0	4	1.0	6	2	60	R1.0
3.0	6	1.5	6	2	60	R1.5
4.0	8	2.0	6	2	60	R2.0
5.0	10	2.5	6	2	60	R2.5
6.0	12	3.0	6	2	60	R3.0
8.0	16	4.0	8	2	75	R4.0
10.0	20	5.0	10	2	75	R5.0
12.0	24	6.0	12	2	75	R6.0

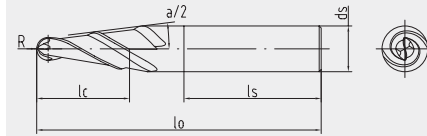
BRSM-2T

- 多功能, 高性能刀具
- 良好的切削性能

- Multi-functional, high performance tool
- Excellent cutting performance

VHM

X



适合加工材料：M、S

Suitable for materials: M、S

	M
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锥型设计·Tapered design

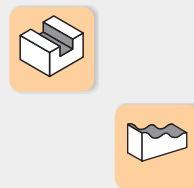
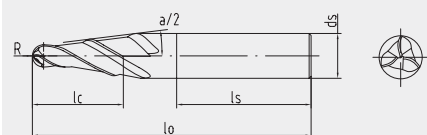
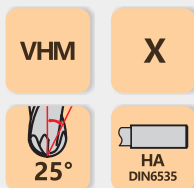
订货编号·Order code					
球头半径R ±0.020	刃长lc	柄径ds 公差h6	刃数z	总长lo	尺寸编号 Dimension Code
R2.5	40	20	2	115	R2.5
R3	40	20	2	115	R3
R4	45	25	2	140	R4
R5	50	25	2	140	R5
R6	50	25	2	140	R6
R8	56	25	2	140	R8

单边锥度 Single tap $\alpha/2$: 2°、3°、4°、5°、6°、7°、8°($\pm 30'$)

BRSM-3T

- 多功能, 高性能刀具
- 良好的切削性能

- Multi-functional, high performance tool
- Excellent cutting performance



适合加工材料: M、S

Suitable for materials: M, S

MS

锥型设计•Tapered design

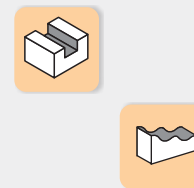
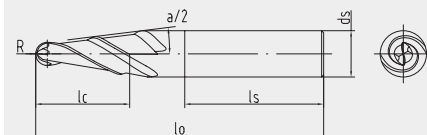
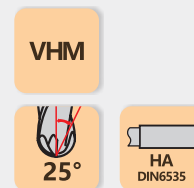
订货编号·Order code					尺寸编号 Dimension Code
球头半径R ±0.020	刃长lc	柄径ds 公差h6	刃数z	总长lo	
R2.5	40	20	3	115	R2.5
R3	40	20	3	115	R3
R4	45	25	3	140	R4
R5	50	20	3	140	R5
R6	50	25	3	140	R6
R8	56	25	3	140	R8

单边锥度 Single tap $\alpha/2$: 2°、3°、4°、5°、6°、7°、8°(±30')

BRNM-2T

- 多功能，高性能刀具
- 良好的切削性能

- Multi-functional, high performance tool
- Excellent cutting performance



适合加工材料: N

Suitable for materials: N

	N
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锥型设计·Tapered design

订货编号·Order code					尺寸编号 Dimension Code
球头半径R ±0.020	刃长lc	柄径ds 公差h6	刃数z	总长lo	
0.90	16	8	2	65	R0.9
1.00	16	8	2	65	R1.0
1.25	16	10	2	65	R1.25
1.50	20	10	2	70	R1.5

单边锥度 Single tap $\alpha/2$: 2°、3°、4°、5°、6°、7°、8°($\pm 30'$)

BRNM-3T

-多功能，高性能刀具
-良好的切削性能

-Multi-functional, high performance tool
-Excellent cutting performance

VHM



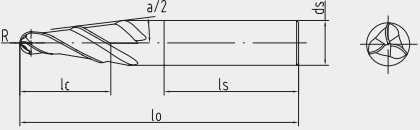
25°



HA
DIN6535







适合加工材料：N Suitable for materials: N

N

锥型设计•Tapered design

订货编号•Order code					尺寸编号 Dimension Code
球头半径R ±0.020	刃长lc	柄径ds 公差h6	刃数z	总长lo	
0.90	16	8	3	65	R0.9
1.00	16	8	3	65	R1.0
1.25	16	10	3	65	R1.25
1.50	20	10	3	70	R1.5

单边锥度 Single tap α/2: 2°、3°、4°、5°、6°、7°、8°(±30')

锥度球头
铣刀

PCD铣刀 | PCD End Mills

AHNO 阿诺

Cutting Tool Technology

PCDM-2E

-多功能，高性能刀具
-良好的切削性能

-Multi-functional, high performance tool
-Excellent cutting performance

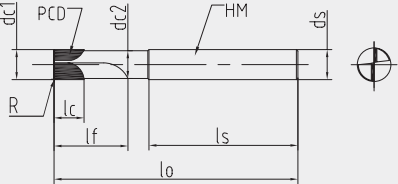
PCD



HA
DIN6535







适合加工材料：N Suitable for materials: N

N

短型设计•Short design

订货编号•Order code						尺寸编号 Dimension Code
Φ•dc 公差h9	刃长lc	刀尖半径R ±0.020	柄径ds 公差h6	刃数z	总长lo	
8.0	8	0.1	8	2	65	D8.0
10.0	10	0.1	10	2	80	D10.0
12.0	10	0.1	12	2	100	D12.0
16.0	10	0.1	16	2	100	D16.0

PCD铣刀

B055

- 库存刀具，订购前请致电查询 Stock cutting tools. Please call to check inventory before ordering
- 接受非标定制 Available for special tool order

B056

PCDM-4E

-多功能，高性能刀具
-良好的切削性能

Multi-functional, high performance tool
-Excellent cutting performance

PCD

HA
DIN6535

PCD

HM

dc1

dc2

ds

lc

lf

ls

lo

R

适合加工材料: N

Suitable for materials: N

短型设计•Short design

订货编号•Order code

Φ•dc 公差h9	刃长lc	刀尖半径R ±0.020	柄径ds 公差h6	刃数z	总长lo	尺寸编号 Dimension Code
16.0	10	0.1	16	4	100	D16.0
20.0	10	0.2	20	4	100	D20.0

BRGM- □E 通用平头立铣刀																
A B																
方肩铣刀 Shoulder Milling (A) 槽铣 Slot Milling (B)						(A) 推荐进给(fz=mm/z) (B) 和加长系列进给相应降低20%										
A		B		切削速度-Vc (m/min)		刀具直径(dc)										
ap	ae	ap	最小值	最大值	mm	3.0	4.0	5.0	6.0	8.0	10.0	12.0	16.0	20.0		
P	1.1	Ap1 max	0.1×D	0.5×D	150	200	Fz	0.021	0.028	0.036	0.044	0.060	0.072	0.083	0.101	0.144
	2.1	AP1 max	0.1×D	0.5×D	150	200		0.021	0.028	0.036	0.044	0.060	0.072	0.083	0.101	0.144
	3.1	AP1 max	0.1×D	0.5×D	140	190		0.021	0.028	0.036	0.044	0.060	0.072	0.083	0.101	0.144
	4.1	AP1 max	0.1×D	0.5×D	120	160		0.017	0.023	0.030	0.036	0.050	0.061	0.070	0.087	0.101
	5.1	AP1 max	0.1×D	0.5×D	90	150		0.016	0.021	0.027	0.033	0.045	0.054	0.062	0.077	0.088
M	1.1	Ap1 max	0.1×D	0.5×D	90	115	Fz	0.016	0.021	0.027	0.033	0.045	0.054	0.062	0.077	0.088
	2.1	AP1 max	0.1×D	0.5×D	60	100		0.014	0.019	0.024	0.029	0.040	0.048	0.056	0.070	0.081
	3.1	AP1 max	0.1×D	0.5×D	60	80		0.014	0.019	0.024	0.029	0.040	0.048	0.056	0.070	0.081
	4.1	AP1 max	0.1×D	0.5×D	60	70		0.012	0.016	0.020	0.025	0.034	0.040	0.047	0.057	0.065
K	1.1	AP1 max	0.1×D	0.5×D	120	150	Fz	0.021	0.028	0.036	0.044	0.060	0.072	0.083	0.101	0.144
	1.2	AP1 max	0.1×D	0.5×D	120	150		0.021	0.028	0.036	0.044	0.060	0.072	0.083	0.101	0.144
	2.1	AP1 max	0.1×D	0.5×D	110	140		0.017	0.023	0.030	0.036	0.050	0.061	0.070	0.087	0.101
	2.2	AP1 max	0.1×D	0.5×D	110	140		0.017	0.023	0.030	0.036	0.050	0.061	0.070	0.087	0.101
	3.1	AP1 max	0.1×D	0.5×D	110	140		0.017	0.023	0.030	0.036	0.050	0.061	0.070	0.087	0.101
	3.2	AP1 max	0.1×D	0.5×D	110	140		0.017	0.023	0.030	0.036	0.050	0.061	0.070	0.087	0.101
	4.1	AP1 max	0.1×D	0.5×D	110	130		0.014	0.019	0.024	0.029	0.040	0.048	0.056	0.070	0.081
	4.2	AP1 max	0.1×D	0.5×D	110	130		0.014	0.019	0.024	0.029	0.040	0.048	0.056	0.070	0.081
N	1.1	AP1 max					Fz									
	1.2	AP1 max														
	1.3	AP1 max														
	1.4	AP1 max														
	1.5	AP1 max														
	1.6	AP1 max														
	2.1	AP1 max														
	2.2	AP1 max														
	2.3	AP1 max														
	2.4	AP1 max														
	2.5	AP1 max														
	2.6	AP1 max														
	2.7	AP1 max														
	2.8															
	3.1															
	3.2															
	4.1															
	4.2															
	4.3															
	4.4															
	5.1															
S	1.1	1×D	0.4×D	0.75×D	50	60	Fz	0.011	0.016	0.021	0.026	0.037	0.045	0.052	0.064	0.074
	1.2	1×D	0.4×D	0.75×D	50	60		0.011	0.016	0.021	0.026	0.037	0.045	0.052	0.064	0.074
	1.3	1×D	0.4×D	0.75×D	50	60		0.011	0.016	0.021	0.026	0.037	0.045	0.052	0.064	0.074
	2.1	1×D	0.4×D	0.75×D	60	80		0.014	0.019	0.024	0.029	0.040	0.048	0.056	0.070	0.081
	2.2	1×D	0.4×D	0.75×D	60	80		0.014	0.019	0.024	0.029	0.040	0.048	0.056	0.070	0.081
	2.3	1×D	0.4×D	0.75×D	60	80		0.014	0.019	0.024	0.029	0.040	0.048	0.056	0.070	0.081
	2.4	1×D	0.3×D	0.3×D	25	40		0.009	0.013	0.016	0.019	0.026	0.032	0.037	0.046	0.054
	2.5	1×D	0.3×D	0.3×D	25	40		0.009	0.013	0.016	0.019	0.026	0.032	0.037	0.046	0.054
	2.6	1×D	0.3×D	0.4×D	50	90		0.017	0.023	0.030	0.036	0.050	0.061	0.070	0.087	0.101
	1.1	3×D	0.4×D	0.75×D	120	140		0.017	0.024	0.030	0.036	0.049	0.059	0.069	0.084	0.097
	1.2	3×D	0.15×D	0.75×D	80	130		0.013	0.018	0.022	0.027	0.037	0.044	0.051	0.071	0.078
	1.3	3×D	0.05×D	/	70	100		0.010	0.014	0.018	0.021	0.029	0.035	0.041	0.051	0.059
H	1.4	3×D	0.03×D	/	50	70	Fz	0.007	0.009	0.012	0.014	0.019	0.023	0.027	0.034	0.044
	1.5	3×D	0.03×D	/	50	70		0.007	0.009	0.012	0.014	0.019	0.023	0.027	0.034	0.044

BRGM- □R 通用刀尖圆角铣刀																	
A B																	
方肩铣刀 Shoulder Milling (A) 槽铣 Slot Milling (B)				(A) 推荐进给(fz=mm/z) (B) 和加长系列进给相应降低20%													
A		B	切削速度-Vc (m/min)		刀具直径(dc)												
ap	ae	ap	最小值	最大值	mm	3.0	4.0	5.0	6.0	8.0	10.0	12.0	16.0	20.0			
P	1.1	Ap1 max	0.1×D	0.5×D	150	200	Fz	0.021	0.028	0.036	0.044	0.060	0.072	0.083	0.100	0.114	
	2.1	AP1 max	0.1×D	0.5×D	150	200		0.021	0.028	0.036	0.044	0.060	0.072	0.083	0.100	0.114	
	3.1	AP1 max	0.1×D	0.5×D	140	190		0.021	0.028	0.036	0.044	0.060	0.072	0.083	0.100	0.114	
	4.1	AP1 max	0.1×D	0.5×D	120	160		0.017	0.023	0.031	0.036	0.050	0.061	0.070	0.087	0.100	
	5.1	AP1 max	0.1×D	0.5×D	90	150		0.015	0.021	0.027	0.036	0.033	0.054	0.062	0.077	0.088	
M	1.1	Ap1 max	0.1×D	0.5×D	90	115	Fz	0.017	0.023	0.031	0.036	0.050	0.061	0.070	0.087	0.100	
	2.1	AP1 max	0.1×D	0.5×D	60	100		0.015	0.021	0.027	0.033	0.045	0.054	0.062	0.077	0.080	
	3.1	AP1 max	0.1×D	0.5×D	60	80		0.013	0.019	0.023	0.030	0.040	0.047	0.054	0.067	0.070	
	4.1	AP1 max	0.1×D	0.5×D	60	80		0.013	0.019	0.023	0.030	0.040	0.047	0.054	0.067	0.070	
K	1.1	AP1 max	0.1×D	0.5×D	120	150	Fz	0.021	0.028	0.036	0.044	0.060	0.072	0.083	0.100	0.114	
	1.2	AP1 max	0.1×D	0.5×D	120	150		0.021	0.028	0.036	0.044	0.060	0.072	0.083	0.100	0.114	
	2.1	AP1 max	0.1×D	0.5×D	110	140		0.017	0.023	0.031	0.036	0.050	0.061	0.070	0.087	0.100	
	2.2	AP1 max	0.1×D	0.5×D	110	140		0.017	0.023	0.031	0.036	0.050	0.061	0.070	0.087	0.100	
	3.1	AP1 max	0.1×D	0.5×D	110	140		0.017	0.023	0.031	0.036	0.050	0.061	0.070	0.087	0.100	
	3.2	AP1 max	0.1×D	0.5×D	110	140		0.017	0.023	0.031	0.036	0.050	0.061	0.070	0.087	0.100	
	4.1	AP1 max	0.1×D	0.5×D	100	130		0.015	0.021	0.027	0.033	0.045	0.054	0.062	0.077	0.080	
	4.2	AP1 max	0.1×D	0.5×D	100	130		0.015	0.021	0.027	0.033	0.045	0.054	0.062	0.077	0.080	
N	1.1						Fz										
	1.2																
	1.3																
	1.4																
	1.5																
	1.6																
	2.1																
	2.2																
	2.3																
	2.4																
	2.5																
	2.6																
	2.7																
	2.8																
	3.1																
	3.2																
S	1.1						Fz										
	1.2																
	1.3																
	2.1																
	2.2																
	2.3																
H	1.1						Fz										
	1.2																
	1.3																
	1.4																
	1.5																

BRGM- □B 通用球头铣刀																
A B																
方肩铣刀 Shoulder Milling (A) 槽铣 Slot Milling (B)				(A) 推荐进给(fz=mm/z) (B) 和加长系列进给相应降低20%												
A		B	切削速度-Vc (m/min)		刀具直径(dc)											
ap	ae	ap	最小值	最大值	mm	3.0	4.0	5.0	6.0	8.0	10.0	12.0	16.0	20.0		
P	1.1	Ap1 max	0.1×D	0.5×D	150	200	Fz	0.021	0.028	0.036	0.044	0.060	0.072	0.083	0.100	0.114
	2.1	AP1 max	0.1×D	0.5×D	150	200		0.021	0.028	0.036	0.044	0.060	0.072	0.083	0.100	0.114
	3.1	AP1 max	0.1×D	0.5×D	140	190		0.021	0.028	0.036	0.044	0.060	0.072	0.083	0.100	0.114
	4.1	AP1 max	0.1×D	0.5×D	120	160		0.017	0.023	0.031	0.036	0.050	0.061	0.070	0.087	0.100
	5.1	AP1 max	0.1×D	0.5×D	90	150		0.016	0.021	0.027	0.036	0.033	0.054	0.062	0.077	0.088
M	1.1	Ap1 max	0.1×D	0.5×D	90	115	Fz	0.017	0.023	0.031	0.036	0.050	0.061	0.070	0.087	0.100
	2.1	AP1 max	0.1×D	0.5×D	60	100		0.015	0.021	0.027	0.033	0.045	0.054	0.062	0.077	0.080
	3.1	AP1 max	0.1×D	0.5×D	60	80		0.013	0.019	0.023	0.030	0.040	0.047	0.054	0.067	0.070
	4.1	AP1 max	0.1×D	0.5×D	60	80		0.013	0.019	0.023	0.030	0.040	0.047	0.054	0.067	0.070
K	1.1	AP1 max	0.1×D	0.5×D	120	150	Fz	0.021	0.028	0.036	0.044	0.060	0.072	0.083	0.100	0.114
	1.2	AP1 max	0.1×D	0.5×D	120	140		0.021	0.028	0.036	0.044	0.060	0.072	0.083	0.100	0.114
	2.1	AP1 max	0.1×D	0.5×D	110	140		0.017	0.023	0.031	0.036	0.050	0.061	0.070	0.087	0.100
	2.2	AP1 max	0.1×D	0.5×D	110	140		0.017	0.023	0.031	0.036	0.050	0.061	0.070	0.087	0.100
	3.1	AP1 max	0.1×D	0.5×D	110	140		0.017	0.023	0.031	0.036	0.050	0.061	0.070	0.087	0.100
	3.2	AP1 max	0.1×D	0.5×D	110	130		0.017	0.023	0.031	0.036	0.050	0.061	0.070	0.087	0.100
	4.1	AP1 max	0.1×D	0.5×D	100	130		0.015	0.021	0.027	0.033	0.045	0.054	0.062	0.077	0.080
	4.2	AP1 max	0.1×D	0.5×D	100			0.015	0.021	0.027	0.033	0.045	0.054	0.062	0.077	0.080
N							Fz									
	1.1															
	1.2															
	1.3															
	1.4															
	1.5															
	1.6															
	2.1															
	2.2															
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	2.7															
	2.8															
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3.2																
S							Fz									
	1.1															
	1.2															
	1.3															
	2.1															
	2.2															
H							Fz									
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	1.3															
	1.4															
1.5																

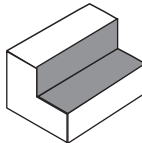
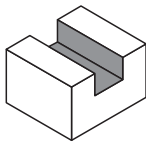
BRHM-□E 高硬平头立铣刀																	
A B																	
方肩铣刀 Shoulder Milling (A) 槽铣 Slot Milling (B)			(A) 推荐进给(fz=mm/z) (B) 和加长系列进给相应降低20%														
A		B	切削速度-Vc (m/min)		刀具直径(dc)												
ap	ae	ap	最小值	最大值	mm	3.0	4.0	5.0	6.0	8.0	10.0	12.0	16.0	20.0			
P	1.1				fz												
	2.1																
	3.1																
	4.1	0.05×D	0.55×D	1×D		0.150	0.210	0.270	0.300	0.500	0.500	0.500	0.600	0.700			
	5.1																
M	1.1				fz												
	2.1																
	3.1																
	4.1																
K	1.1				fz												
	1.2																
	2.1																
	2.2																
	3.1																
	3.2																
	4.1																
N	4.2				fz												
	1.1																
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S	4.1				fz												
	4.2																
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	5.1																
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	1.2																
	1.3																
	2.1																
	2.2																
H	2.3				fz												
	2.4																
	2.5																
	2.6																
	1.1	1.5×D	0.5×D	0.75×D		0.150	0.210	0.270	0.300	0.500	0.500	0.500	0.600	0.700			
	1.2	1.5×D	0.5×D	0.75×D	fz	0.100	0.130	0.160	0.200	0.300	0.300	0.400	0.500	0.600			
	1.3																
	1.4																
	1.5																

BRHM-□R 高硬刀尖圆角铣刀																	
A B																	
方肩铣刀 Shoulder Milling (A) 槽铣 Slot Milling (B)			(A) 推荐进给(fz=mm/z) (B) 和加长系列进给相应降低20%														
A		B	切削速度-Vc (m/min)		刀具直径(dc)												
ap	ae	ap	最小值	最大值	mm	3.0	4.0	5.0	6.0	8.0	10.0	12.0	16.0	20.0			
P	1.1				Fz												
	2.1																
	3.1																
	4.1	0.05×D	0.55×D	1×D		0.150	0.210	0.270	0.300	0.500	0.500	0.500	0.600	0.700			
	5.1																
M	1.1				Fz												
	2.1																
	3.1																
	4.1																
K	1.1				Fz												
	1.2																
	2.1																
	2.2																
	3.1																
	3.2																
	4.1																
N	4.2				Fz												
	1.1																
	1.2																
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	1.4																
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	1.6																
	2.1																
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	2.3																
	2.4																
	2.5																
	2.6																
	2.7																
	2.8																
	3.1																
	3.2																
S	4.1				Fz												
	4.2																
	4.3																
	4.4																
	5.1																
	1.1																
	1.2																
	1.3																
	2.1																
	2.2																
H	2.3				Fz												
	2.4																
	2.5																
	2.6																
	1.1	1.5×D	0.5×D	0.75×D		0.150	0.210	0.270	0.300	0.500	0.500	0.500	0.600	0.700			
	1.2	1.5×D	0.5×D	0.75×D	Fz	0.100	0.130	0.160	0.200	0.300	0.300	0.400	0.500	0.600			
	1.3																
	1.4																
	1.5																

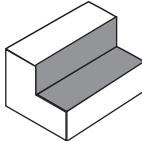
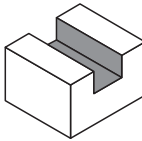
BRHM-□B 高硬球头铣刀																	
A B																	
方肩铣刀 Shoulder Milling (A) 槽铣 Slot Milling (B)				(A) 推荐进给(fz=mm/z) (B) 和加长系列进给相应降低20%													
A		B	切削速度-Vc (m/min)		刀具直径(dc)												
ap	ae	ap	最小值	最大值	mm	3.0	4.0	5.0	6.0	8.0	10.0	12.0	16.0	20.0			
P	1.1				Fz												
	2.1																
	3.1																
	4.1																
	5.1																
M	1.1				Fz												
	2.1																
	3.1																
	4.1																
K	1.1				Fz												
	1.2																
	2.1																
	2.2																
	3.1																
	3.2																
	4.1																
N	4.2				Fz												
	1.1																
	1.2																
	1.3																
	1.4																
	1.5																
	1.6																
	2.1																
	2.2																
	2.3																
	2.4																
	2.5																
	2.6																
	2.7																
	2.8																
	3.1																
	3.2																
	4.1																
S	4.2																
	4.3																
	4.4																
	5.1																
	1.1	1D	0.4D	0.75D	50	60	Fz	0.021	0.028	0.036	0.044	0.060	0.072	0.083	0.100	0.114	
	1.2	1D	0.4D	0.75D	50	60		0.021	0.028	0.036	0.044	0.060	0.072	0.083	0.100	0.114	
	1.3	1D	0.4D	0.75D	50	60		0.021	0.028	0.036	0.044	0.060	0.072	0.083	0.100	0.114	
	2.1	1D	0.3D	0.75D	60	80	Fz	0.017	0.023	0.031	0.036	0.050	0.061	0.070	0.087	0.100	
	2.2	1D	0.3D	0.75D	60	80		0.016	0.021	0.027	0.036	0.033	0.054	0.062	0.077	0.088	
	2.3	1D	0.3D	0.75D	60	80		0.017	0.023	0.031	0.036	0.050	0.061	0.070	0.087	0.100	
	2.4	1D	0.3D	0.3D	25	40		0.015	0.021	0.027	0.033	0.045	0.054	0.062	0.077	0.080	
	2.5	1D	0.3D	0.3D	25	40		0.013	0.019	0.023	0.030	0.040	0.047	0.054	0.067	0.070	
	2.6	1D	0.3D	0.3D	50	90		0.013	0.019	0.023	0.030	0.040	0.047	0.054	0.067	0.070	
	1.1	1D	0.5D	0.75D	60	120		0.021	0.028	0.036	0.044	0.060	0.072	0.083	0.100	0.114	
H	1.2	1D	0.5D	0.75D	60	120	Fz	0.021	0.028	0.036	0.044	0.060	0.072	0.083	0.100	0.114	
	1.3	1D	0.5D	0.75D	60	120		0.021	0.028	0.036	0.044	0.060	0.072	0.083	0.100	0.114	
	1.4	1D	0.5D	0.75D	60	120		0.017	0.023	0.031	0.036	0.050	0.061	0.070	0.087	0.100	
	1.5	1D	0.5D	0.75D	60	120		0.016	0.021	0.027	0.036	0.033	0.054	0.062	0.077	0.088	

BRSM- □E 耐热平头立铣刀																	
A B																	
方肩铣刀 Shoulder Milling (A) 槽铣 Slot Milling (B)				(A) 推荐进给(fz=mm/z) (B) 和加长系列进给相应降低20%													
A		B	切削速度-Vc (m/min)		刀具直径(dc)												
ap	ae	ap	最小值	最大值	mm	3.0	4.0	5.0	6.0	8.0	10.0	12.0	16.0	20.0			
P	1.1	1.5×D	0.5×D	1×D	150	200	Fz	0.021	0.028	0.036	0.044	0.060	0.072	0.083	0.101	0.114	
	2.1	1.5×D	0.5×D	1×D	140	190		0.021	0.028	0.036	0.044	0.060	0.072	0.083	0.101	0.114	
	3.1	1.5×D	0.5×D	1×D	120	160		0.017	0.023	0.031	0.036	0.050	0.061	0.070	0.087	0.101	
	4.1	1.5×D	0.5×D	1×D	90	150		0.015	0.021	0.027	0.033	0.045	0.054	0.062	0.077	0.088	
	5.1	1.5×D	0.5×D	0.75×D	50	75		0.010	0.016	0.022	0.025	0.034	0.040	0.047	0.057	0.065	
M	1.1	1.5×D	0.5×D	1×D	95	120	Fz	0.021	0.028	0.036	0.044	0.060	0.072	0.083	0.101	0.114	
	2.1	1.5×D	0.5×D	1×D	90	115		0.017	0.023	0.031	0.036	0.050	0.061	0.070	0.087	0.101	
	3.1	1.5×D	0.5×D	1×D	60	70		0.010	0.016	0.022	0.025	0.034	0.040	0.047	0.057	0.065	
	4.1	1.5×D	0.5×D	1×D	60	70		0.010	0.016	0.022	0.025	0.034	0.040	0.047	0.057	0.065	
K	1.1	1.5×D	0.5×D	1×D	120	150	Fz	0.021	0.028	0.036	0.044	0.060	0.072	0.083	0.101	0.114	
	1.2	1.5×D	0.5×D	1×D	120	150		0.021	0.028	0.036	0.044	0.060	0.072	0.083	0.101	0.114	
	2.1	1.5×D	0.5×D	1×D	110	130		0.017	0.023	0.031	0.036	0.050	0.061	0.070	0.087	0.101	
	2.2	1.5×D	0.5×D	1×D	110	130		0.017	0.023	0.031	0.036	0.050	0.061	0.070	0.087	0.101	
	3.1	1.5×D	0.5×D	1×D	110	130		0.017	0.023	0.031	0.036	0.050	0.061	0.070	0.087	0.101	
	3.2	1.5×D	0.5×D	1×D	110	130		0.017	0.023	0.031	0.036	0.050	0.061	0.070	0.087	0.101	
	4.1	1.5×D	0.5×D	1×D	100	130		0.013	0.019	0.023	0.029	0.040	0.048	0.056	0.070	0.081	
	4.2	1.5×D	0.5×D	1×D	100	130		0.013	0.019	0.023	0.029	0.040	0.048	0.056	0.070	0.081	
N							Fz										
	1.1																
	1.2																
	1.3																
	1.4																
	1.5																
	1.6																
	2.1																
	2.2																
	2.3																
	2.4																
	2.5																
	2.6																
	2.7																
	2.8																
	3.1																
	3.2																
	4.1																
	4.2																
	4.3																
4.4																	
5.1																	
S							Fz										
	1.1	1.5×D	0.5×D	1×D	50	60		0.010	0.016	0.022	0.026	0.037	0.045	0.052	0.064	0.074	
	1.2	1.5×D	0.5×D	1×D	50	60		0.010	0.016	0.022	0.026	0.037	0.045	0.052	0.064	0.074	
	1.3	1.5×D	0.5×D	1×D	50	60		0.010	0.016	0.022	0.026	0.037	0.045	0.052	0.064	0.074	
	2.1	1.5×D	0.5×D	1×D	65	80		0.010	0.016	0.022	0.026	0.037	0.045	0.052	0.064	0.074	
	2.2	1.5×D	0.5×D	1×D	60	80		0.013	0.019	0.023	0.029	0.040	0.048	0.056	0.070	0.081	
	2.3	1.5×D	0.5×D	1×D	60	80		0.013	0.019	0.023	0.029	0.040	0.048	0.056	0.070	0.081	
	2.4	1.5×D	0.3×D	0.3×D	25	40		0.010	0.013	0.016	0.019	0.026	0.032	0.037	0.046	0.054	
2.5	1.5×D	0.3×D	0.3×D	25	40	0.010	0.013	0.016	0.019	0.026	0.032	0.037	0.046	0.054			
2.6	1.5×D	0.3×D	0.3×D	50	90	0.017	0.023	0.031	0.036	0.050	0.061	0.070	0.087	0.101			
H	1.1	1.5×D	0.5×D	0.75×D	80	140	Fz	0.015	0.021	0.027	0.033	0.045	0.054	0.062	0.077	0.088	
	1.2	1.5×D	0.5×D	0.75×D	80	140		0.015	0.021	0.027	0.033	0.045	0.054	0.062	0.077	0.088	
	1.3	1.5×D	0.5×D	0.75×D	80	140		0.015	0.021	0.027	0.033	0.045	0.054	0.062	0.077	0.088	
	1.4	1.5×D	0.5×D	0.75×D	80	140		0.015	0.021	0.027	0.033	0.045	0.054	0.062	0.077	0.088	
	1.5	1.5×D	0.5×D	0.75×D	80	140		0.015	0.021	0.027	0.033	0.045	0.054	0.062	0.077	0.088	

BRSM-□R 耐热尖圆角铣刀																	
A B																	
方肩铣刀 Shoulder Milling (A) 槽铣 Slot Milling (B)			(A) 推荐进给(fz=mm/z) (B) 和加长系列进给相应降低20%														
A		B	切削速度-Vc (m/min)		刀具直径(dc)												
ap	ae	ap	最小值	最大值	mm	3.0	4.0	5.0	6.0	8.0	10.0	12.0	16.0	20.0			
P	1.1	1.5×D	0.5×D	1×D	150	200	Fz	0.021	0.028	0.036	0.044	0.060	0.072	0.083	0.101	0.114	
	2.1	1.5×D	0.5×D	1×D	140	190		0.021	0.028	0.036	0.044	0.060	0.072	0.083	0.101	0.114	
	3.1	1.5×D	0.5×D	1×D	120	160		0.017	0.023	0.031	0.036	0.050	0.061	0.070	0.087	0.101	
	4.1	1.5×D	0.5×D	1×D	90	150		0.015	0.021	0.027	0.033	0.045	0.054	0.062	0.077	0.088	
	5.1	1.5×D	0.5×D	0.75×D	50	75		0.010	0.016	0.022	0.025	0.034	0.040	0.047	0.057	0.065	
M	1.1	1.5×D	0.5×D	1×D	95	120	Fz	0.021	0.028	0.036	0.044	0.060	0.072	0.083	0.101	0.114	
	2.1	1.5×D	0.5×D	1×D	90	115		0.017	0.023	0.031	0.036	0.050	0.061	0.070	0.087	0.101	
	3.1	1.5×D	0.5×D	1×D	60	70		0.010	0.016	0.022	0.025	0.034	0.040	0.047	0.057	0.065	
	4.1	1.5×D	0.5×D	1×D	60	70		0.010	0.016	0.022	0.025	0.034	0.040	0.047	0.057	0.065	
K	1.1	1.5×D	0.5×D	1×D	120	150	Fz	0.021	0.028	0.036	0.044	0.060	0.072	0.083	0.101	0.114	
	1.2	1.5×D	0.5×D	1×D	120	150		0.021	0.028	0.036	0.044	0.060	0.072	0.083	0.101	0.114	
	2.1	1.5×D	0.5×D	1×D	110	130		0.017	0.023	0.031	0.036	0.050	0.061	0.070	0.087	0.101	
	2.2	1.5×D	0.5×D	1×D	110	130		0.017	0.023	0.031	0.036	0.050	0.061	0.070	0.087	0.101	
	3.1	1.5×D	0.5×D	1×D	110	130		0.017	0.023	0.031	0.036	0.050	0.061	0.070	0.087	0.101	
	3.2	1.5×D	0.5×D	1×D	110	130		0.017	0.023	0.031	0.036	0.050	0.061	0.070	0.087	0.101	
	4.1	1.5×D	0.5×D	1×D	100	130		0.013	0.019	0.023	0.029	0.040	0.048	0.056	0.070	0.081	
	4.2	1.5×D	0.5×D	1×D	100	130		0.013	0.019	0.023	0.029	0.040	0.048	0.056	0.070	0.081	
N	1.1						Fz										
	1.2																
	1.3																
	1.4																
	1.5																
	1.6																
	2.1																
	2.2																
	2.3																
	2.4																
	2.5																
	2.6																
	2.7																
	2.8																
	3.1																
	3.2																
	4.1																
	4.2																
	4.3																
	4.4																
S	1.1	1.5×D	0.5×D	1×D	50	60	Fz	0.010	0.016	0.022	0.026	0.037	0.045	0.052	0.064	0.074	
	1.2	1.5×D	0.5×D	1×D	50	60		0.010	0.016	0.022	0.026	0.037	0.045	0.052	0.064	0.074	
	1.3	1.5×D	0.5×D	1×D	50	60		0.010	0.016	0.022	0.026	0.037	0.045	0.052	0.064	0.074	
	2.1	1.5×D	0.5×D	1×D	65	80		0.010	0.016	0.022	0.026	0.037	0.045	0.052	0.064	0.074	
	2.2	1.5×D	0.5×D	1×D	60	80		0.013	0.019	0.023	0.029	0.040	0.048	0.056	0.070	0.081	
	2.3	1.5×D	0.5×D	1×D	60	80		0.013	0.019	0.023	0.029	0.040	0.048	0.056	0.070	0.081	
	2.4	1.5×D	0.3×D	0.3×D	25	40		0.010	0.013	0.016	0.019	0.026	0.032	0.037	0.046	0.054	
	2.5	1.5×D	0.3×D	0.3×D	25	40		0.010	0.013	0.016	0.019	0.026	0.032	0.037	0.046	0.054	
H	1.1	1.5×D	0.5×D	0.75×D	80	140	Fz	0.015	0.021	0.027	0.033	0.045	0.054	0.062	0.077	0.088	
	1.2	1.5×D	0.5×D	0.75×D	80	140		0.015	0.021	0.027	0.033	0.045	0.054	0.062	0.077	0.088	
	1.3	1.5×D	0.5×D	0.75×D	80	140		0.015	0.021	0.027	0.033	0.045	0.054	0.062	0.077	0.088	
	1.4	1.5×D	0.5×D	0.75×D	80	140		0.015	0.021	0.027	0.033	0.045	0.054	0.062	0.077	0.088	
	1.5	1.5×D	0.5×D	0.75×D	80	140		0.015	0.021	0.027	0.033	0.045	0.054	0.062	0.077	0.088	

BRSM- □B 耐热球头铣刀																		
  A B																		
方肩铣刀 Shoulder Milling (A) 槽铣 Slot Milling (B)				(A) 推荐进给(fz=mm/z) (B) 和加长系列进给相应降低20%														
A		B	切削速度-Vc (m/min)		刀具直径(dc)													
ap	ae	ap	最小值	最大值	mm	3.0	4.0	5.0	6.0	8.0	10.0	12.0	16.0	20.0				
P	1.1					Fz												
	2.1																	
	3.1																	
	4.1																	
	5.1																	
M	1.1					Fz												
	2.1																	
	3.1																	
	4.1																	
K	1.1					Fz												
	1.2																	
	2.1																	
	2.2																	
	3.1																	
	3.2																	
	4.1																	
	4.2																	
N						Fz												
	1.1																	
	1.2																	
	1.3																	
	1.4																	
	1.5																	
	1.6																	
	2.1																	
	2.2																	
	2.3																	
	2.4																	
	2.5																	
	2.6																	
	2.7																	
	2.8																	
	3.1																	
	3.2																	
	4.1																	
	4.2																	
	4.3																	
4.4																		
5.1																		
S						Fz												
	1.1	1D	0.4D	0.75D	50		60	0.021	0.028	0.036	0.044	0.060	0.072	0.083	0.100	0.114		
	1.2	1D	0.4D	0.75D	50		60	0.021	0.028	0.036	0.044	0.060	0.072	0.083	0.100	0.114		
	1.3	1D	0.4D	0.75D	50		60	0.021	0.028	0.036	0.044	0.060	0.072	0.083	0.100	0.114		
	2.1	1D	0.3D	0.75D	60		80	0.017	0.023	0.031	0.036	0.050	0.061	0.070	0.087	0.100		
	2.2	1D	0.3D	0.75D	60		80	0.016	0.021	0.027	0.036	0.033	0.054	0.062	0.077	0.088		
	2.3	1D	0.3D	0.75D	60		80	0.017	0.023	0.031	0.036	0.050	0.061	0.070	0.087	0.100		
	2.4	1D	0.3D	0.3D	25		40	0.015	0.021	0.027	0.033	0.045	0.054	0.062	0.077	0.080		
2.5	1D	0.3D	0.3D	25	40	0.013	0.019	0.023	0.030	0.040	0.047	0.054	0.067	0.070				
2.6	1D	0.3D	0.3D	50	90	0.013	0.019	0.023	0.030	0.040	0.047	0.054	0.067	0.070				
H	1.1	1D	0.5D	0.75D	60	120	Fz	0.021	0.028	0.036	0.044	0.060	0.072	0.083	0.100	0.114		
	1.2	1D	0.5D	0.75D	60	120		0.021	0.028	0.036	0.044	0.060	0.072	0.083	0.100	0.114		
	1.3	1D	0.5D	0.75D	60	120		0.021	0.028	0.036	0.044	0.060	0.072	0.083	0.100	0.114		
	1.4	1D	0.5D	0.75D	60	120		0.017	0.023	0.031	0.036	0.050	0.061	0.070	0.087	0.100		
	1.5	1D	0.5D	0.75D	60	120		0.016	0.021	0.027	0.036	0.033	0.054	0.062	0.077	0.088		

BRNM-□ E 铝用平头立铣刀 BRNM-□ R 铝用刀尖圆角铣刀																	
A B																	
方肩铣刀 Shoulder Milling (A) 槽铣 Slot Milling (B)			(A) 推荐进给(fz=mm/z) (B) 和加长系列进给相应降低20%														
A		B	切削速度-Vc (m/min)		刀具直径(dc)												
ap	ae	ap	最小值	最大值	mm	3.0	4.0	5.0	6.0	8.0	10.0	12.0	16.0	20.0			
P	1.1				Fz												
	2.1																
	3.1																
	4.1																
	5.1																
M	1.1				Fz												
	2.1																
	3.1																
	4.1																
K	1.1				Fz												
	1.2																
	2.1																
	2.2																
	3.1																
	3.2																
	4.1																
	4.2																
N	1.1	1.5×D	0.25×D	1×D	500	2000	0.027	0.036	0.045	0.054	0.072	0.072	0.108	0.144	0.180		
	1.2	1.5×D	0.5×D	1×D	500	2000	0.027	0.036	0.045	0.054	0.072	0.072	0.108	0.144	0.180		
	1.3	1.5×D	0.5×D	1×D	500	2000	0.027	0.036	0.045	0.054	0.072	0.072	0.108	0.144	0.180		
	1.4	1.5×D	0.5×D	1×D	500	1500	0.024	0.032	0.041	0.049	0.065	0.065	0.097	0.130	0.162		
	1.5	1.5×D	0.5×D	1×D	500	1500	0.024	0.032	0.041	0.049	0.065	0.065	0.097	0.130	0.162		
	1.6	1.5×D	0.5×D	1×D	500	1500	0.019	0.025	0.032	0.038	0.050	0.050	0.076	0.101	0.126		
	2.1	1.5×D	0.5×D	1×D	400	750	0.022	0.029	0.036	0.043	0.058	0.058	0.086	0.115	0.144		
	2.2	1.5×D	0.5×D	1×D	400	750	0.022	0.029	0.036	0.043	0.058	0.058	0.086	0.115	0.144		
	2.3	1.5×D	0.5×D	1×D	400	750	0.022	0.029	0.036	0.043	0.058	0.058	0.086	0.115	0.144		
	2.4	1.5×D	0.5×D	1×D	400	750	0.022	0.029	0.036	0.043	0.058	0.058	0.086	0.115	0.144		
	2.5	1.5×D	0.5×D	1×D	400	750	0.022	0.029	0.036	0.043	0.058	0.058	0.086	0.115	0.144		
	2.6	1.5×D	0.5×D	1×D	400	750	0.022	0.029	0.036	0.043	0.058	0.058	0.086	0.115	0.144		
	2.7	1.5×D	0.5×D	1×D	400	750	0.022	0.029	0.036	0.043	0.058	0.058	0.086	0.115	0.144		
	2.8	1.5×D	0.5×D	1×D	400	750	0.022	0.029	0.036	0.043	0.058	0.058	0.086	0.115	0.144		
	3.1	1.5×D	0.5×D	1×D	500	1500	0.024	0.032	0.041	0.049	0.065	0.065	0.097	0.130	0.162		
	3.2	1.5×D	0.5×D	1×D	500	1500	0.024	0.032	0.041	0.049	0.065	0.065	0.097	0.130	0.162		
	4.1	1.5×D	0.5×D	1×D	250	1000	0.024	0.032	0.041	0.049	0.065	0.065	0.097	0.130	0.162		
	4.2	1.5×D	0.5×D	1×D	250	1000	0.024	0.032	0.041	0.049	0.065	0.065	0.097	0.130	0.162		
	4.3	1.5×D	0.5×D	1×D	250	1000	0.024	0.032	0.041	0.049	0.065	0.065	0.097	0.130	0.162		
	4.4	1.5×D	0.5×D	1×D	250	1000	0.024	0.032	0.041	0.049	0.065	0.065	0.097	0.130	0.162		
	5.1	1.5×D	0.5×D	1×D	100	500	0.021	0.028	0.036	0.044	0.060	0.060	0.083	0.101	0.144		
S	1.1				Fz												
	1.2																
	1.3																
	2.1																
	2.2																
	2.3																
	2.4																
H	1.1				Fz												
	1.2																
	1.3																
	1.4																
	1.5																

BRNM-□B 铝用球头铣刀																																																		
  方肩铣刀 Shoulder Milling (A) 槽铣 Slot Milling (B) (A) 推荐进给(fz=mm/z) (B) 和加长系列进给相应降低20% <table><thead><tr><th colspan="2">A</th><th>B</th><th colspan="2">切削速度-Vc (m/min)</th><th colspan="13">刀具直径(dc)</th></tr><tr><th>ap</th><th>ae</th><th>ap</th><th>最小值</th><th>最大值</th><th>mm</th><th>3.0</th><th>4.0</th><th>5.0</th><th>6.0</th><th>8.0</th><th>10.0</th><th>12.0</th><th>16.0</th><th>20.0</th></tr></thead></table> P 1.1 2.1 3.1 4.1 5.1 Fz M 1.1 2.1 3.1 4.1 Fz K 1.1 1.2 2.1 2.2 3.1 3.2 4.1 4.2 Fz N 1.1 1.2 1.3 1.4 1.5 1.6 2.1 2.2 2.3 2.4 2.5 2.6 2.7 2.8 3.1 3.2 4.1 4.2 4.3 4.4 5.1 Fz S 1.1 1.2 1.3 2.1 2.2 2.3 2.4 2.5 2.6 Fz H 1.1 1.2 1.3 1.4 1.5 Fz																		A		B	切削速度-Vc (m/min)		刀具直径(dc)													ap	ae	ap	最小值	最大值	mm	3.0	4.0	5.0	6.0	8.0	10.0	12.0	16.0	20.0
A		B	切削速度-Vc (m/min)		刀具直径(dc)																																													
ap	ae	ap	最小值	最大值	mm	3.0	4.0	5.0	6.0	8.0	10.0	12.0	16.0	20.0																																				