

产品选型

Product Finder

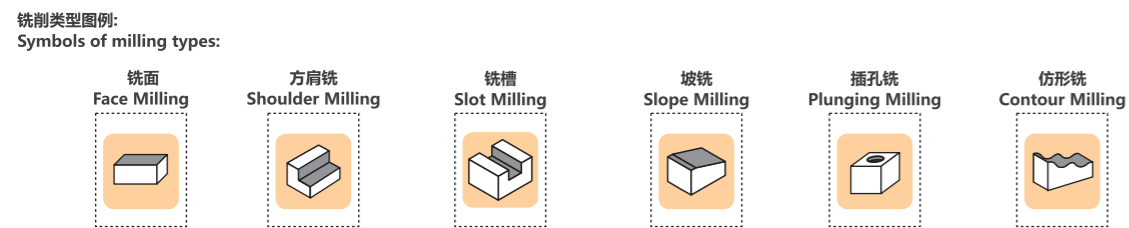
请注意：  
硬质合金铣刀的适用程度标注规范：  
非常适合用 ☺ 表示  
适合用 ☺ 表示

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

★加工参数推荐请参考 B058-B068页

★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<br>材料<br>Ranges of<br>application<br>material | 首选      | P M K S H |          |          |         |          |         |          |          |         |          |         |         |          |         |          |          |          |      | H       |          |         |          |          |         |          |         |          |         |          |         |          |          | S       |          |         |         |         |          |        |   |   |   |  |  |
|  | 次选      |           |          |          |         |          |         |          |          |         |          |         |         |          |         |          |          |          |      | P       |          |         |          |          |         |          |         |          |         |          |         |          |          | M       |          |         |         |         |          |        |   |   |   |  |  |
| 铣刀系列<br>Mill<br>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  | 3-20mm  | 4-20mm  | 3-20mm   | 3-20mm |   |   |   |  |  |
| 系列名称<br>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<br>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     |        |   |   |   |  |  |
| Illustration<br>图例                                 |         |           |          |          |         |          |         |          |          |         |          |         |         |          |         |          |          |          |      |         |          |         |          |          |         |          |         |          |         |          |         |          |          |         |          |         |         |         |          |        |   |   |   |  |  |
| 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   |         |           |          |          |         |          |         |          |          |         |          |         |         |          |         |          |          |          |      |         |          |         |          |          |         |          |         |          |         |          |         |          |          |         |          |         |         |         |          |        |   |   |   |  |  |



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适用用 ⊙ 表示

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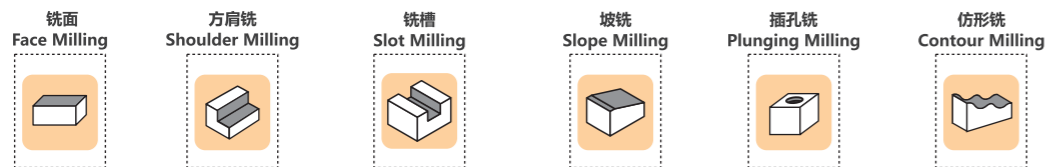
Product Finder

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

★Please find the cutting conditions on page B058-B068

| 应用范围<br>材料<br>Ranges of application material | 耐热系列                    |         | 铝用系列    |          |         |          |          |         |          |         |          |         |         |                           | PCD系列                   |         |        |
|--|-------------------------|---------|---------|----------|---------|----------|----------|---------|----------|---------|----------|---------|---------|---------------------------|-------------------------|---------|--------|
|  | 首选<br>Primary materials | S       | N       |          |         |          |          |         |          |         |          |         |         |                           | 首选<br>Primary materials | N       |        |
| 次选<br>Secondary materials                    | M                       |         |         |          |         |          |          |         |          |         |          |         |         | 次选<br>Secondary materials |                         |         |        |
| 铣刀系列<br>Mill Series                          | 锥度球头铣刀                  |         | 平头立铣刀   |          |         |          |          |         | 刀尖圆角铣刀   |         |          |         | 球头铣刀    | 锥度球头铣刀                    |                         | 平头立铣刀   | 刀尖圆角铣刀 |
| 刃数/Z   | z=2                     | z=3     | z=2     | z=2      | z=3     | z=3      | z=3      | z=2     | z=2      | z=3     | z=3      | z=2     | z=2     | z=3                       | 2                       | 2       |        |
| 直径/D   | R1-5mm                  | R1-5mm  | 1-20mm  | 3-20mm   | 1-20mm  | 3-20mm   | 6-20mm   | 6-20mm  | 6-20mm   | 12-20mm | 12-20mm  | 3-20mm  | R1-5mm  | R1-5mm                    | 8-20mm                  | 8-20mm  |        |
| 系列名称<br>Series Name                          | BRSM-2T                 | BRSM-3T | BRNM-2E | BRNM-2EL | BRNM-3E | BRNM-3EL | BRNM-3EW | BRNM-2R | BRNM-2RL | BRNM-3R | BRNM-3RL | BRNM-2B | BRNM-2T | BRNM-3T                   | PCDM-2E                 | PCDM-4E |        |
| 页码<br>Page                                   | B052                    | B053    | B024    | B025     | B026    | B027     | B028     | B036    | B037     | B038    | B039     | B051    | B054    | B055                      | 056                     | 057     |        |
| 铣削工艺   |                         |         |         |          |         |          |          |         |          |         |          |         |         |                           |                         |         |        |
| 粗加工  |                         |         | ⊙       | ⊙        | ⊙       | ⊙        | ⊙        | ⊙       | ⊙        | ⊙       | ⊙        | ⊙       | ⊙       | ⊙                         | ⊙                       | ⊙       |        |
| 精加工  |                         |         |         |          | ⊙       | ⊙        |          |         |          |         |          |         |         |                           | ⊙                       | ⊙       |        |
| 超精加工   |                         |         |         |          |         |          |          |         |          |         |          |         |         |                           |                         |         |        |

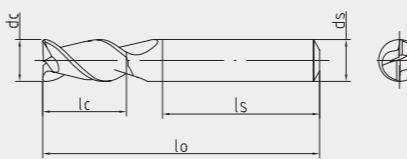
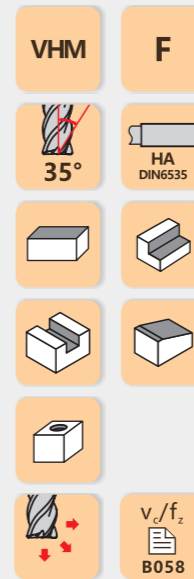
铣削类型图例：  
Symbols of milling types:



BRGM-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、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<br>公差h9 | 刃长lc | 柄径ds<br>公差h6 | 刃数z | 总长lo | 尺寸编号<br>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   | 75   | 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                  |

BRGM-2EL

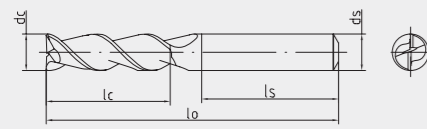
-多功能, 高性能刀具  
-良好的切削性能

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

VHM F

35° HA DIN6535

v<sub>c</sub>/f<sub>z</sub> B058



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

P   M    
 K   S    
 H  

长型设计·Long design

订货编号·Order code

| Φ·dc<br>公差h9 | 刃长lc | 柄径ds<br>公差h6 | 刃数z | 总长lo | 尺寸编号<br>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                  |

BRGM-2EP

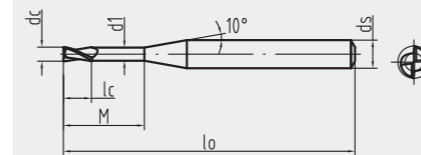
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VHM F

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v<sub>c</sub>/f<sub>z</sub> B058



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P   M    
 K   S    
 H  

长型设计·Long design

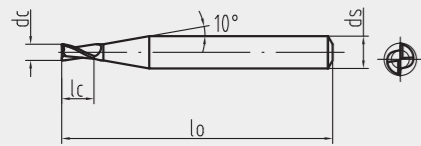
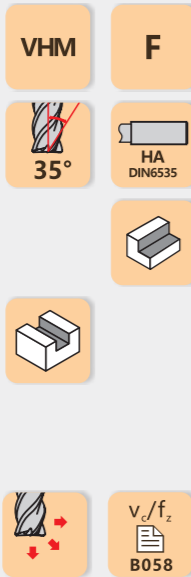
订货编号·Order code

| Φ·dc<br>公差h9 | 刃长lc | 柄径ds<br>公差h6 | 刃数z | 颈长M | 颈径d1 | 总长lo | 尺寸编号<br>Dimension Code |
|--------------|------|--------------|-----|-----|------|------|------------------------|
| 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               |

**BRGM-2ES**

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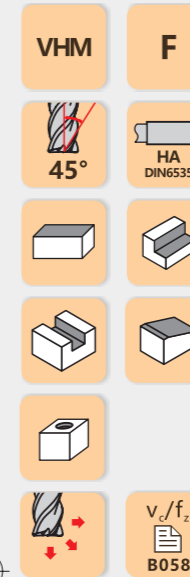
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|--------------|------|--------------|-----|------|------------------------|
| 0.3          | 0.6  | 4            | 2   | 50   | D0.3                   |
| 0.5          | 1.0  | 4            | 2   | 50   | D0.5                   |
| 0.8          | 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

| Φ·dc<br>公差h9 | 刃长lc | 柄径ds<br>公差h6 | 刃数z | 总长lo | 尺寸编号<br>Dimension Code |
|--------------|------|--------------|-----|------|------------------------|
| 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**

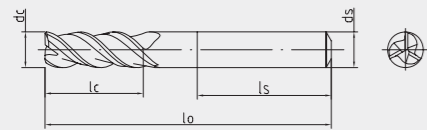
-多功能, 高性能刀具  
-良好的切削性能

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

VHM F

45° HA DIN6535

v<sub>c</sub>/f<sub>z</sub> B058



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

P   M    
 K   S    
 H  

**长型设计·Long design**

| 订货编号·Order code |      |              |     |      |                        |
|-----------------|------|--------------|-----|------|------------------------|
| Φ·dc<br>公差h9    | 刃长lc | 柄径ds<br>公差h6 | 刃数z | 总长lo | 尺寸编号<br>Dimension Code |
| 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**

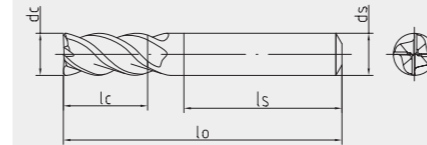
-多功能, 高性能刀具  
-良好的切削性能

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

VHM F

30° HA DIN6535

v<sub>c</sub>/f<sub>z</sub> B058



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

P   M    
 K   S    
 H  

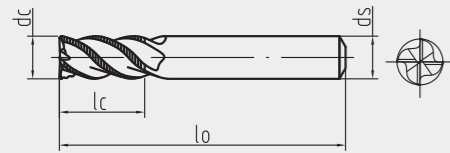
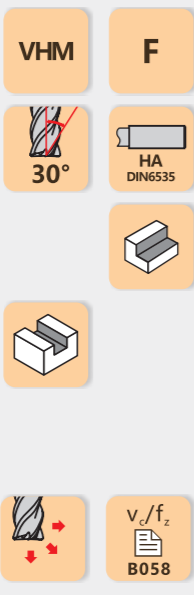
**短型设计·Short design**

| 订货编号·Order code |      |              |     |      |                        |
|-----------------|------|--------------|-----|------|------------------------|
| Φ·dc<br>公差h9    | 刃长lc | 柄径ds<br>公差h6 | 刃数z | 总长lo | 尺寸编号<br>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                  |

**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



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**

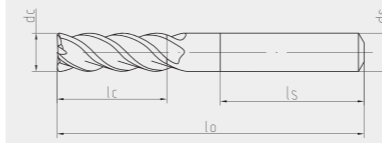
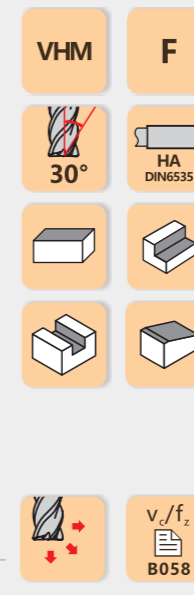
订货编号·Order code

| Φ·dc<br>公差h9 | 刃长lc | 柄径ds<br>公差h6 | 刃数z | 总长lo | 尺寸编号<br>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



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**

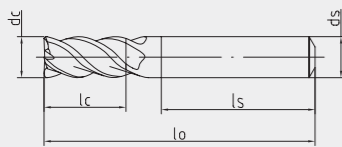
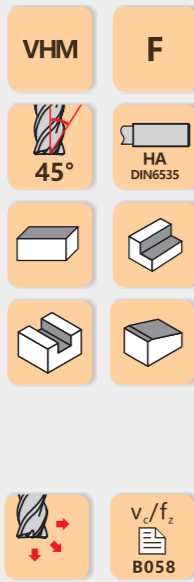
订货编号·Order code

| Φ·dc<br>公差h9 | 刃长lc | 柄径ds<br>公差h6 | 刃数z | 总长lo | 尺寸编号<br>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



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**

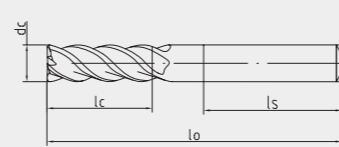
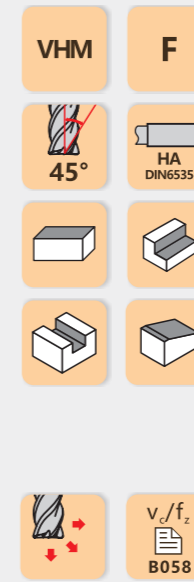
订货编号·Order code

| Φ·dc<br>公差h9 | 刃长lc | 柄径ds<br>公差h6 | 刃数z | 总长lo | 尺寸编号<br>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              |

**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



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**

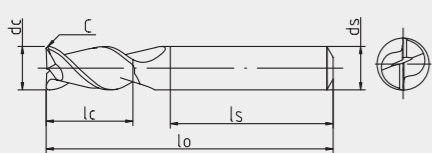
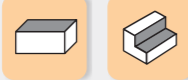
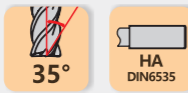
订货编号·Order code

| Φ·dc<br>公差h9 | 刃长lc | 柄径ds<br>公差h6 | 刃数z | 总长lo | 尺寸编号<br>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                  |

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

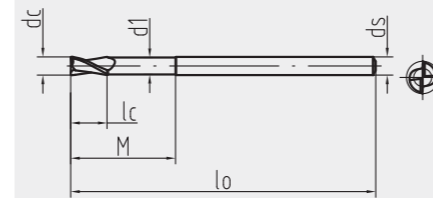
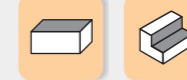
订货编号·Order code

| Φ·dc<br>公差h9 | 刃长lc | 柄径ds<br>公差h6 | 刃数z | 总长lo | 尺寸编号<br>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

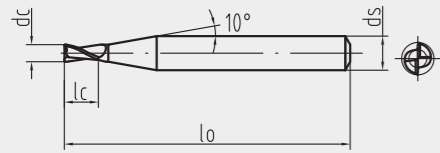
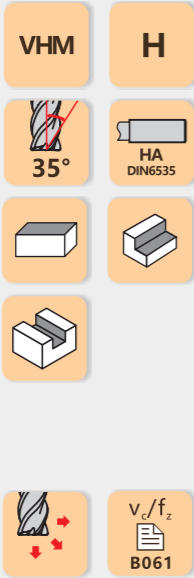
| Φ·dc<br>公差h9 | 刃长lc | 柄径ds<br>公差h6 | 刃数z | 颈长m | 颈径d1 | 总长lo | 尺寸编号<br>Dimension Code |
|--------------|------|--------------|-----|-----|------|------|------------------------|
| 6.0          | 9    | 6            | 2   | 30  | 5.8  | 75   | D6.0                   |
| 8.0          | 12   | 8            | 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

P    
H  

**短型设计·Short design**

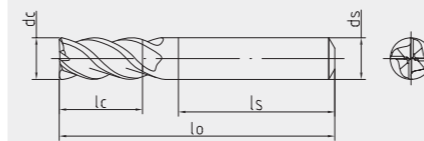
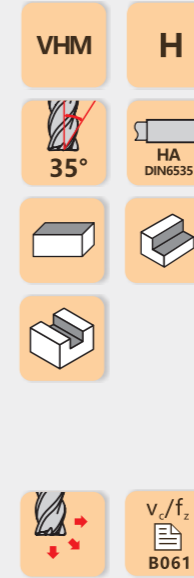
订货编号·Order code

| Φ·dc<br>公差h9 | 刃长lc | 柄径ds<br>公差h6 | 刃数z | 总长lo | 尺寸编号<br>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

P    
H  

**短型设计·Short design**

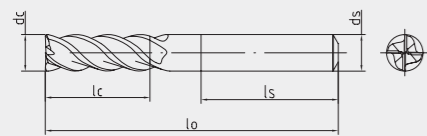
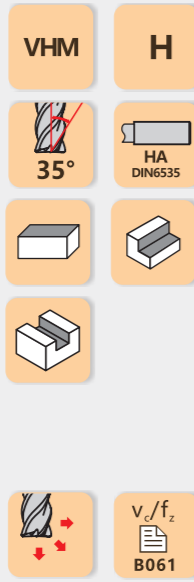
订货编号·Order code

| Φ·dc<br>公差h9 | 刃长lc | 柄径ds<br>公差h6 | 刃数z | 总长lo | 尺寸编号<br>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

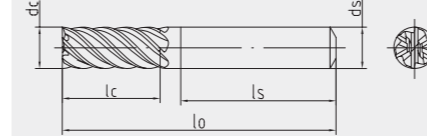
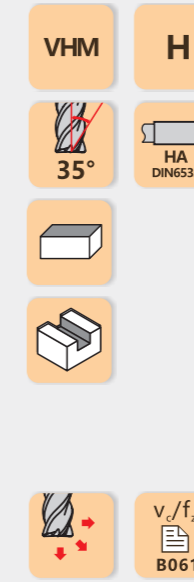
**长型设计·Long design**

| 订货编号·Order code |      |              |     |      |  | 尺寸编号<br>Dimension Code |
|-----------------|------|--------------|-----|------|--|------------------------|
| Φ·dc<br>公差h9    | 刃长lc | 柄径ds<br>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

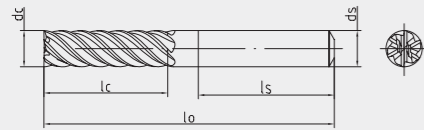
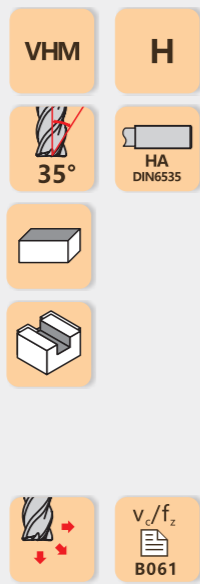
**短型设计·Short design**

| 订货编号·Order code |      |              |     |      |  | 尺寸编号<br>Dimension Code |
|-----------------|------|--------------|-----|------|--|------------------------|
| Φ·dc<br>公差h9    | 刃长lc | 柄径ds<br>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



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

P    
H  

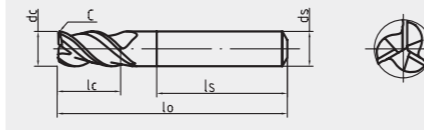
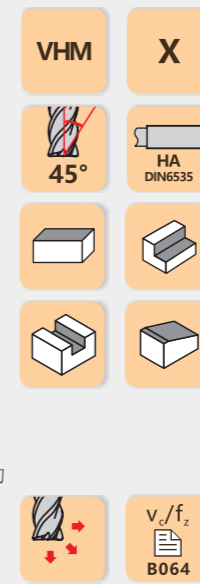
**长型设计·Long design**

| 订货编号·Order code |      |              |     |      |                        |
|-----------------|------|--------------|-----|------|------------------------|
| Φ·dc<br>公差h9    | 刃长lc | 柄径ds<br>公差h6 | 刃数z | 总长lo | 尺寸编号<br>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                  |

**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



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

M    
S  

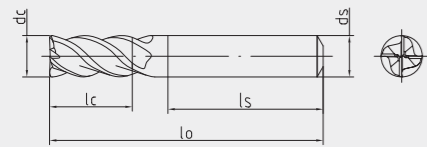
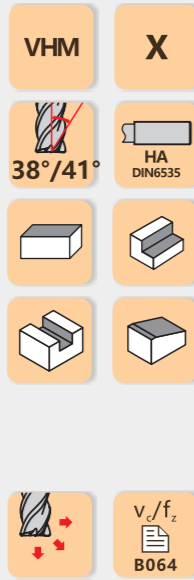
**短型设计·Short design**

| 订货编号·Order code |      |              |     |      |                        |
|-----------------|------|--------------|-----|------|------------------------|
| Φ·dc<br>公差h9    | 刃长lc | 柄径ds<br>公差h6 | 刃数z | 总长lo | 尺寸编号<br>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                  |

**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

M    
S  

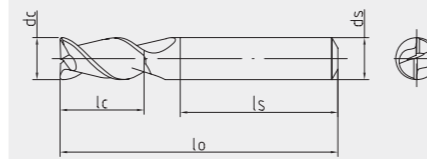
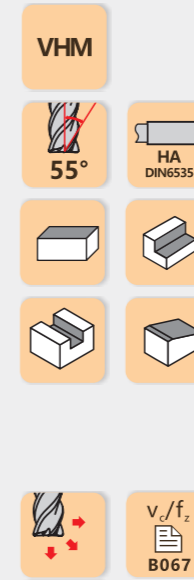
**短型设计·Short design**

| 订货编号·Order code |      |              |     |      |                        |
|-----------------|------|--------------|-----|------|------------------------|
| Φ·dc<br>公差h9    | 刃长lc | 柄径ds<br>公差h6 | 刃数z | 总长lo | 尺寸编号<br>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                  |

**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

N  

**短型设计·Short design**

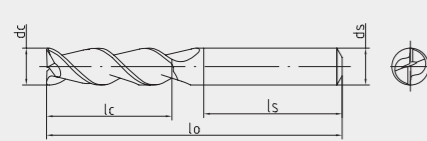
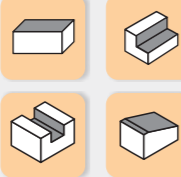
| 订货编号·Order code |      |              |     |      |                        |
|-----------------|------|--------------|-----|------|------------------------|
| Φ·dc<br>公差h9    | 刃长lc | 柄径ds<br>公差h6 | 刃数z | 总长lo | 尺寸编号<br>Dimension Code |
| 1.0             | 3    | 4            | 2   | 50   | D1.0                   |
| 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                  |

**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



适合加工材料: N Suitable for materials: N

N

**长型设计·Long design**

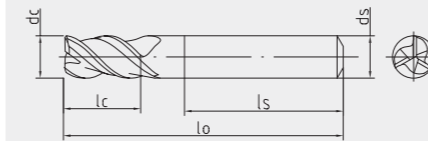
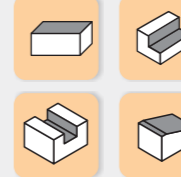
| 订货编号·Order code |      |              |     |      |                        |
|-----------------|------|--------------|-----|------|------------------------|
| Φ·dc<br>公差h9    | 刃长lc | 柄径ds<br>公差h6 | 刃数z | 总长lo | 尺寸编号<br>Dimension Code |
| 3.0             | 12   | 6            | 2   | 60   | D3.0                   |
| 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



适合加工材料: N Suitable for materials: N

N

**短型设计·Short design**

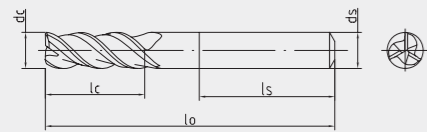
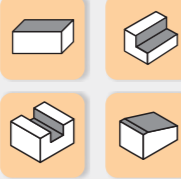
| 订货编号·Order code |      |              |     |      |                        |
|-----------------|------|--------------|-----|------|------------------------|
| Φ·dc<br>公差h9    | 刃长lc | 柄径ds<br>公差h6 | 刃数z | 总长lo | 尺寸编号<br>Dimension Code |
| 1.0             | 3    | 4            | 3   | 50   | D1.0                   |
| 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

N

**长型设计·Long design**

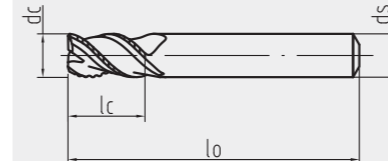
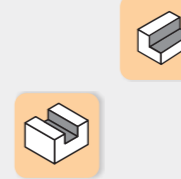
| 订货编号·Order code |      |              |     |      |                        |
|-----------------|------|--------------|-----|------|------------------------|
| Φ·dc<br>公差h9    | 刃长lc | 柄径ds<br>公差h6 | 刃数z | 总长lo | 尺寸编号<br>Dimension Code |
| 3.0             | 12   | 6            | 3   | 60   | D3.0                   |
| 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

N

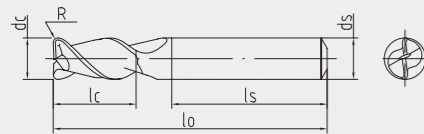
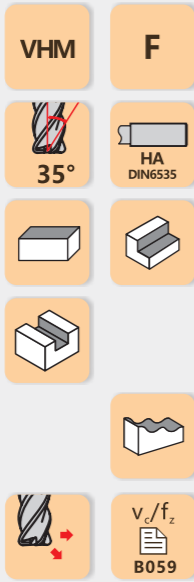
**波状刃型设计·Wavelike flute design**

| 订货编号·Order code |      |              |     |      |                        |
|-----------------|------|--------------|-----|------|------------------------|
| Φ·dc<br>公差h9    | 刃长lc | 柄径ds<br>公差h6 | 刃数z | 总长lo | 尺寸编号<br>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



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**

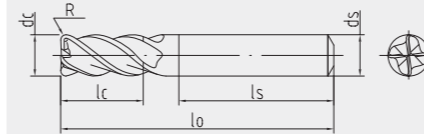
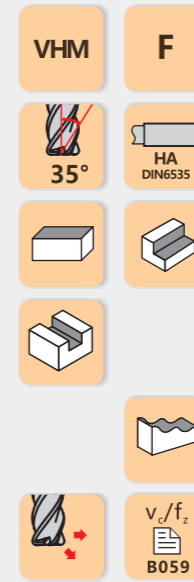
订货编号·Order code

| Φ·dc<br>公差h9 | 刃长lc | 刀尖半径R<br>±0.020 | 柄径ds<br>公差h6 | 刃数z | 总长lo | 尺寸编号<br>Dimension Code |
|--------------|------|-----------------|--------------|-----|------|------------------------|
| 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



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**

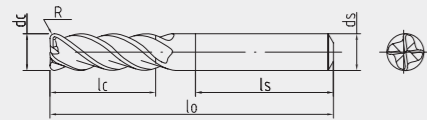
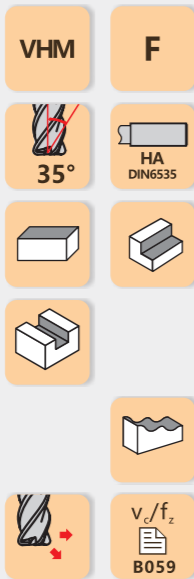
订货编号·Order code

| Φ·dc<br>公差h9 | 刃长lc | 刀尖半径R<br>±0.020 | 柄径ds<br>公差h6 | 刃数z | 总长lo | 尺寸编号<br>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              |

**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



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**

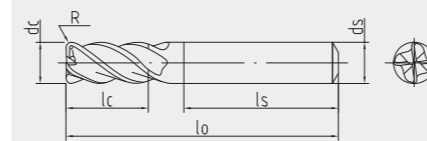
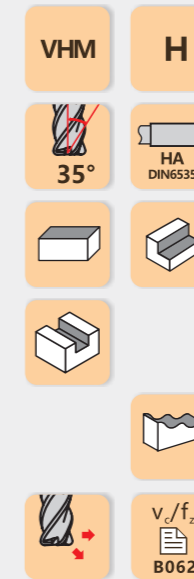
订货编号·Order code

| Φ·dc<br>公差h9 | 刃长lc | 刀尖半径R<br>±0.020 | 柄径ds<br>公差h6 | 刃数z | 总长lo | 尺寸编号<br>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              |

**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



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

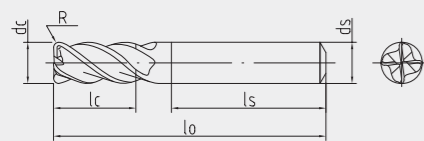
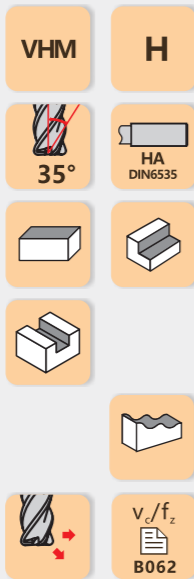
| Φ·dc<br>公差h9 | 刃长lc | 刀尖半径R<br>±0.020 | 柄径ds<br>公差h6 | 刃数z | 总长lo | 尺寸编号<br>Dimension Code |
|--------------|------|-----------------|--------------|-----|------|------------------------|
| 3.0          | 8    | 0.2             | 4            | 4   | 50   | D3.0R0.2               |
| 4.0          | 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              |



**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



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



**长型设计·Long design**

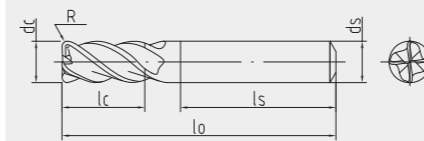
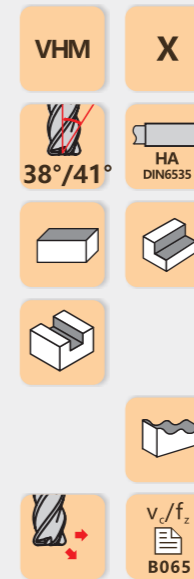
订货编号·Order code

| Φ·dc<br>公差h9 | 刃长lc | 刀尖半径R<br>±0.020 | 柄径ds<br>公差h6 | 刃数z | 总长lo | 尺寸编号<br>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              |

**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



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



**短型设计·Short design**

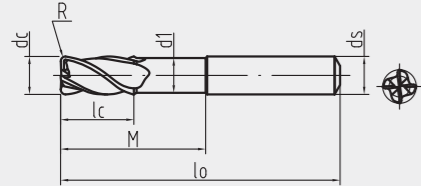
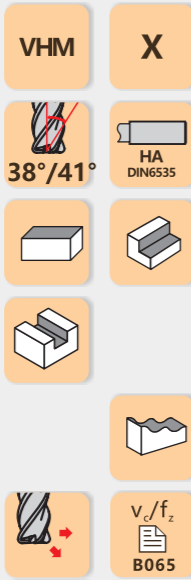
订货编号·Order code

| Φ·dc<br>公差h9 | 刃长lc | 刀尖半径R<br>±0.020 | 柄径ds<br>公差h6 | 刃数z | 总长lo | 尺寸编号<br>Dimension Code |
|--------------|------|-----------------|--------------|-----|------|------------------------|
| 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  

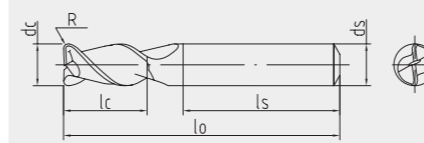
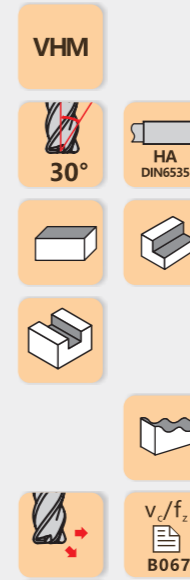
**长型设计·Long design**

| 订货编号·Order code |      |                 |              |     |      |     |      | 尺寸编号<br>Dimension Code |
|-----------------|------|-----------------|--------------|-----|------|-----|------|------------------------|
| Φ·dc<br>公差h9    | 刃长lc | 刀尖半径R<br>±0.020 | 柄径ds<br>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**

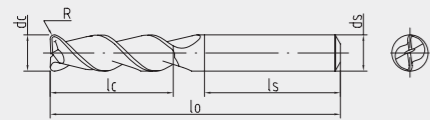
| 订货编号·Order code |      |                 |              |     |      |  | 尺寸编号<br>Dimension Code |
|-----------------|------|-----------------|--------------|-----|------|--|------------------------|
| Φ·dc<br>公差h9    | 刃长lc | 刀尖半径R<br>±0.020 | 柄径ds<br>公差h6 | 刃数z | 总长lo |  |                        |
| 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



适合加工材料: N Suitable for materials: N

N

**长型设计·Long design**

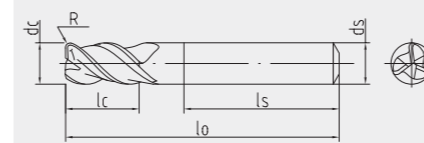
| 订货编号·Order code |      |                 |              |     |      |                        |
|-----------------|------|-----------------|--------------|-----|------|------------------------|
| Φ·dc<br>公差h9    | 刃长lc | 刀尖半径R<br>±0.020 | 柄径ds<br>公差h6 | 刃数z | 总长lo | 尺寸编号<br>Dimension Code |
| 6.0             | 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



适合加工材料: N Suitable for materials: N

N

**短型设计·Short design**

| 订货编号·Order code |      |                 |              |     |      |                        |
|-----------------|------|-----------------|--------------|-----|------|------------------------|
| Φ·dc<br>公差h9    | 刃长lc | 刀尖半径R<br>±0.020 | 柄径ds<br>公差h6 | 刃数z | 总长lo | 尺寸编号<br>Dimension Code |
| 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**

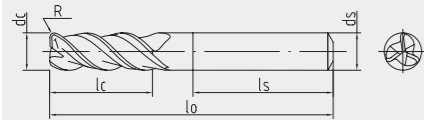
-多功能, 高性能刀具  
-良好的切削性能

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

VHM



$v_c/f_z$   
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

| $\Phi \cdot dc$<br>公差h9 | 刃长lc | 刀尖半径R<br>$\pm 0.020$ | 柄径ds<br>公差h6 | 刃数z | 总长lo | 尺寸编号<br>Dimension Code |
|-------------------------|------|----------------------|--------------|-----|------|------------------------|
| 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              |

**BRGM-2B**

-多功能, 高性能刀具  
-良好的切削性能

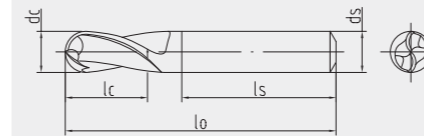
-Multi-functional, high performance tool  
-Excellent cutting performance

VHM

F



$v_c/f_z$   
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**

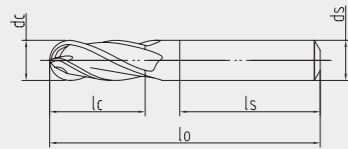
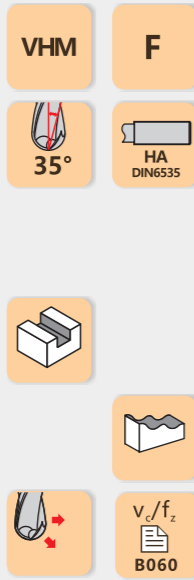
订货编号·Order code

| $\Phi \cdot dc$<br>公差h9 | 刃长lc | 球头半径R | 柄径ds<br>公差h6 | 刃数z | 总长lo | 尺寸编号<br>Dimension Code |
|-------------------------|------|-------|--------------|-----|------|------------------------|
| 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                  |

**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



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**

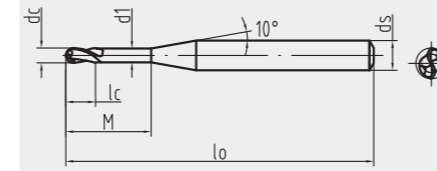
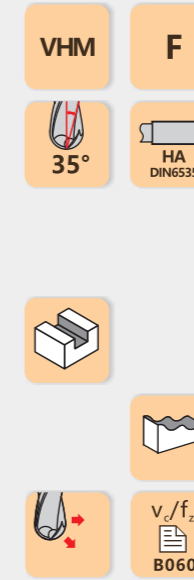
订货编号·Order code

| Φ·dc<br>公差h9 | 刃长lc | 球头半径R | 柄径ds<br>公差h6 | 刃数z | 总长lo | 尺寸编号<br>Dimension Code |
|--------------|------|-------|--------------|-----|------|------------------------|
| 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                  |

**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



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**

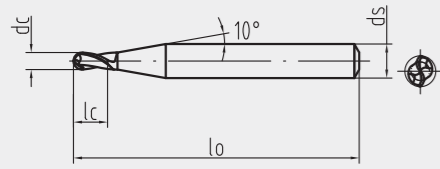
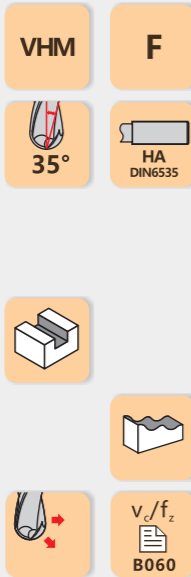
订货编号·Order code

| Φ·dc<br>公差h9 | 刃长lc | 球头半径R | 柄径ds<br>公差h6 | 刃数z | 总长lo | 尺寸编号<br>Dimension Code |
|--------------|------|-------|--------------|-----|------|------------------------|
| 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                   |

**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**

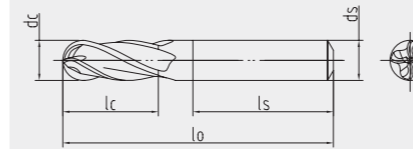
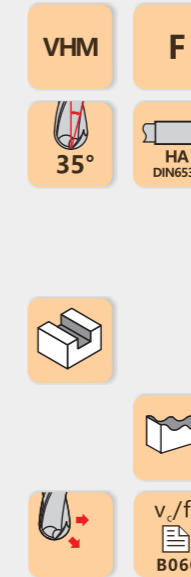
**订货编号·Order code**

| Φ·dc<br>公差h9 | 刃长lc | 球头半径R | 柄径ds<br>公差h6 | 刃数z | 总长lo | 尺寸编号<br>Dimension Code |
|--------------|------|-------|--------------|-----|------|------------------------|
| 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**

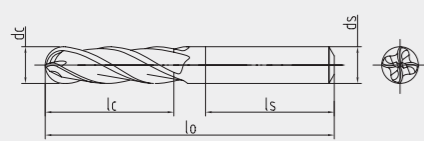
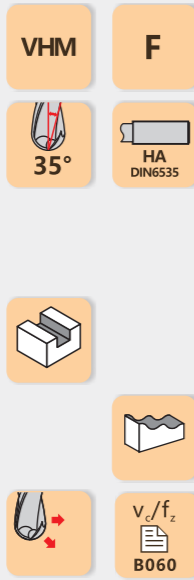
| Φ·dc<br>公差h9 | 刃长lc | 球头半径R | 柄径ds<br>公差h6 | 刃数z | 总长lo | 尺寸编号<br>Dimension Code |
|--------------|------|-------|--------------|-----|------|------------------------|
| 3.0          | 6    | 1.5   | 6            | 4   | 50   | R1.5                   |
| 4.0          | 8    | 2.0   | 6            | 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**

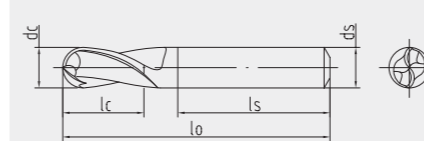
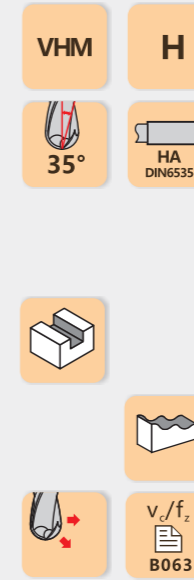
订货编号·Order code

| Φ·dc<br>公差h9 | 刃长lc | 球头半径R | 柄径ds<br>公差h6 | 刃数z | 总长lo | 尺寸编号<br>Dimension Code |
|--------------|------|-------|--------------|-----|------|------------------------|
| 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**

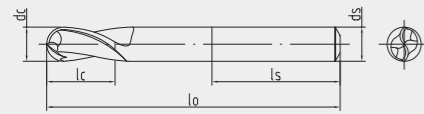
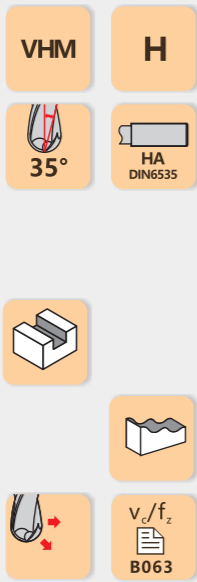
订货编号·Order code

| Φ·dc<br>公差h9 | 刃长lc | 球头半径R | 柄径ds<br>公差h6 | 刃数z | 总长lo | 尺寸编号<br>Dimension Code |
|--------------|------|-------|--------------|-----|------|------------------------|
| 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

P    
H  

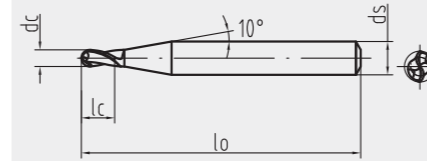
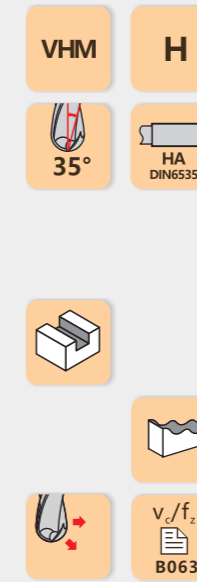
**长型设计·Long design**

| 订货编号·Order code |      |       |              |     |      |                        |
|-----------------|------|-------|--------------|-----|------|------------------------|
| Φ·dc<br>公差h9    | 刃长lc | 球头半径R | 柄径ds<br>公差h6 | 刃数z | 总长lo | 尺寸编号<br>Dimension Code |
| 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   | R3.0S                  |
| 7.0             | 14   | 3.5   | 8            | 2   | 75   | R3.5S                  |
| 8.0             | 16   | 4.0   | 8            | 2   | 100  | R4.0S                  |
| 9.0             | 18   | 4.5   | 10           | 2   | 100  | R4.5S                  |
| 10.0            | 20   | 5.0   | 10           | 2   | 100  | R5.0S                  |
| 12.0            | 24   | 6.0   | 12           | 2   | 100  | R6.0S                  |
| 14.0            | 28   | 7.0   | 14           | 2   | 100  | R7.0S                  |
| 16.0            | 32   | 8.0   | 16           | 2   | 150  | R8.0S                  |
| 20.0            | 40   | 10.0  | 20           | 2   | 150  | R10.0S                 |

**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

M    
S  

**短型设计·Short design**

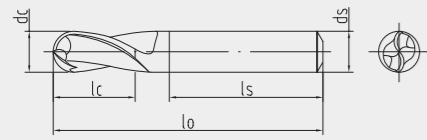
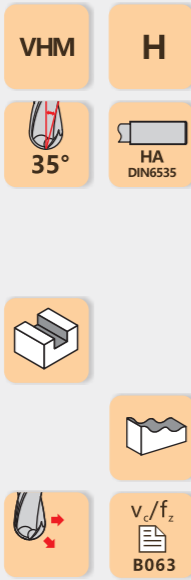
| 订货编号·Order code |      |       |              |     |      |                        |
|-----------------|------|-------|--------------|-----|------|------------------------|
| Φ·dc<br>公差h9    | 刃长lc | 球头半径R | 柄径ds<br>公差h6 | 刃数z | 总长lo | 尺寸编号<br>Dimension Code |
| 0.30            | 0.5  | 0.15  | 4            | 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



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

M    
S  

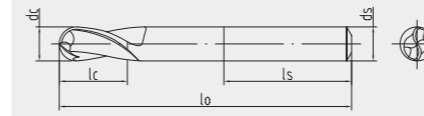
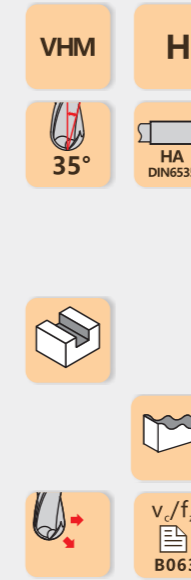
**短型设计·Short design**

| 订货编号·Order code |      |       |              |     |      |                        |
|-----------------|------|-------|--------------|-----|------|------------------------|
| Φ·dc<br>公差h9    | 刃长lc | 球头半径R | 柄径ds<br>公差h6 | 刃数z | 总长lo | 尺寸编号<br>Dimension Code |
| 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                  |

**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



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 |      |       |              |     |      |                        |
|-----------------|------|-------|--------------|-----|------|------------------------|
| Φ·dc<br>公差h9    | 刃长lc | 球头半径R | 柄径ds<br>公差h6 | 刃数z | 总长lo | 尺寸编号<br>Dimension Code |
| 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                  |

**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

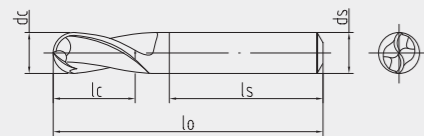
VHM

35°

HA  
DIN6535



v<sub>c</sub>/f<sub>z</sub>  
B068



适合加工材料: N      Suitable for materials: N

N

**短型设计·Short design**

订货编号·Order code

| Φ·dc<br>公差h9 | 刃长lc | 球头半径R | 柄径ds<br>公差h6 | 刃数z | 总长lo | 尺寸编号<br>Dimension Code |
|--------------|------|-------|--------------|-----|------|------------------------|
| 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

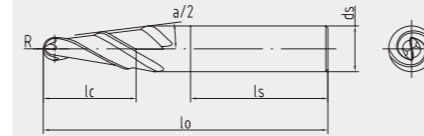
-Multi-functional, high performance tool  
-Excellent cutting performance

VHM

X

25°

HA  
DIN6535



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

M

S

**锥型设计·Tapered design**

订货编号·Order code

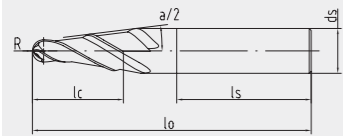
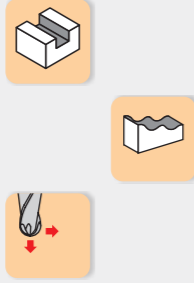
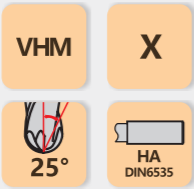
| 球头半径R<br>±0.020 | 刃长lc | 柄径ds<br>公差h6 | 刃数z | 总长lo | 尺寸编号<br>Dimension Code |
|-----------------|------|--------------|-----|------|------------------------|
| R2.5            | 40   | 20           | 2   | 115  | R2.5                   |
| R3              | 40   | 20           | 2   | 115  | R3                     |
| 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 α/2: 2°、3°、4°、5°、6°、7°、8°(±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

M    
S  

**锥型设计·Tapered design**

订货编号·Order code

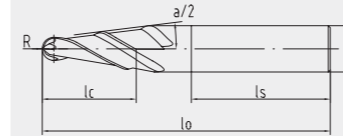
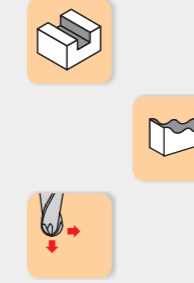
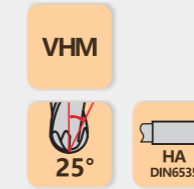
| 球头半径R<br>±0.020 | 刃长lc | 柄径ds<br>公差h6 | 刃数z | 总长lo | 尺寸编号<br>Dimension Code |
|-----------------|------|--------------|-----|------|------------------------|
| R2.5            | 40   | 20           | 3   | 115  | R2.5                   |
| R3              | 40   | 20           | 3   | 115  | R3                     |
| 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  

**锥型设计·Tapered design**

订货编号·Order code

| 球头半径R<br>±0.020 | 刃长lc | 柄径ds<br>公差h6 | 刃数z | 总长lo | 尺寸编号<br>Dimension Code |
|-----------------|------|--------------|-----|------|------------------------|
| 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°(±30')

**BRNM-3T**

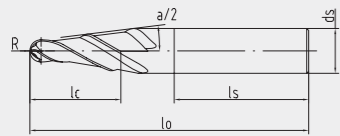
-多功能, 高性能刀具  
-良好的切削性能

-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

| 球头半径R<br>±0.020 | 刃长lc | 柄径ds<br>公差h6 | 刃数z | 总长lo | 尺寸编号<br>Dimension Code |
|-----------------|------|--------------|-----|------|------------------------|
| 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  $\alpha/2$ : 2°、3°、4°、5°、6°、7°、8°(±30')

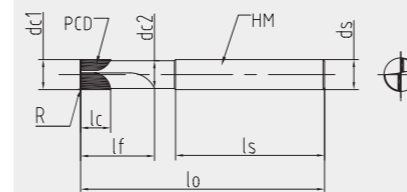
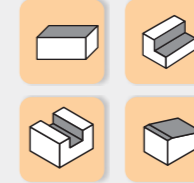
**PCDM-2E**

-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**

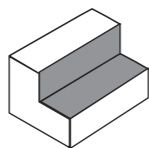
订货编号·Order code

| $\Phi \cdot dc$<br>公差h9 | 刃长lc | 刀尖半径R<br>±0.020 | 柄径ds<br>公差h6 | 刃数z | 总长lo | 尺寸编号<br>Dimension Code |
|-------------------------|------|-----------------|--------------|-----|------|------------------------|
| 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                  |

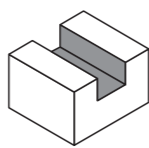




### BRHM-□E 高硬平头立铣刀



A



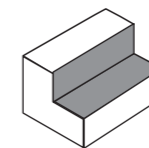
B

方肩铣刀 Shoulder Milling (A)  
槽铣 Slot Milling (B)

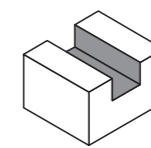
(A) 推荐进给( $fz=mm/z$ )  
(B) 和加长系列进给相应降低20%

|     |        |        | 切削速度-Vc (m/min) |     | 刀具直径(dc) |    |       |       |       |       |       |       |       |       |       |  |  |
|-----|--------|--------|-----------------|-----|----------|----|-------|-------|-------|-------|-------|-------|-------|-------|-------|--|--|
|     | A      |        | B               | 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  |  |  |
|     | ap     | ae     | ap              |     |          |    |       |       |       |       |       |       |       |       |       |  |  |
| P   |        |        |                 |     |          |    |       |       |       |       |       |       |       |       |       |  |  |
| 1.1 |        |        |                 |     |          |    |       |       |       |       |       |       |       |       |       |  |  |
| 2.1 |        |        |                 |     |          |    |       |       |       |       |       |       |       |       |       |  |  |
| 3.1 |        |        |                 |     |          |    |       |       |       |       |       |       |       |       |       |  |  |
|     |        |        |                 |     |          | fz |       |       |       |       |       |       |       |       |       |  |  |
| 4.1 | 0.05×D | 0.55×D | 1×D             | 160 | 180      |    | 0.150 | 0.210 | 0.270 | 0.300 | 0.500 | 0.500 | 0.500 | 0.600 | 0.700 |  |  |
| 5.1 |        |        |                 |     |          |    |       |       |       |       |       |       |       |       |       |  |  |
| M   |        |        |                 |     |          |    |       |       |       |       |       |       |       |       |       |  |  |
| 1.1 |        |        |                 |     |          |    |       |       |       |       |       |       |       |       |       |  |  |
| 2.1 |        |        |                 |     |          |    |       |       |       |       |       |       |       |       |       |  |  |
| 3.1 |        |        |                 |     |          |    |       |       |       |       |       |       |       |       |       |  |  |
| 4.1 |        |        |                 |     |          |    |       |       |       |       |       |       |       |       |       |  |  |
| 5.1 |        |        |                 |     |          |    |       |       |       |       |       |       |       |       |       |  |  |
| K   |        |        |                 |     |          |    |       |       |       |       |       |       |       |       |       |  |  |
| 1.1 |        |        |                 |     |          |    |       |       |       |       |       |       |       |       |       |  |  |
| 1.2 |        |        |                 |     |          |    |       |       |       |       |       |       |       |       |       |  |  |
| 2.1 |        |        |                 |     |          |    |       |       |       |       |       |       |       |       |       |  |  |
| 2.2 |        |        |                 |     |          |    |       |       |       |       |       |       |       |       |       |  |  |
| 3.1 |        |        |                 |     |          |    |       |       |       |       |       |       |       |       |       |  |  |
| 3.2 |        |        |                 |     |          |    |       |       |       |       |       |       |       |       |       |  |  |
| 4.1 |        |        |                 |     |          |    |       |       |       |       |       |       |       |       |       |  |  |
| 4.2 |        |        |                 |     |          |    |       |       |       |       |       |       |       |       |       |  |  |
| 5.1 |        |        |                 |     |          |    |       |       |       |       |       |       |       |       |       |  |  |
| 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 |        |        |                 |     |          |    |       |       |       |       |       |       |       |       |       |  |  |
| S   |        |        |                 |     |          |    |       |       |       |       |       |       |       |       |       |  |  |
| 1.1 |        |        |                 |     |          |    |       |       |       |       |       |       |       |       |       |  |  |
| 1.2 |        |        |                 |     |          |    |       |       |       |       |       |       |       |       |       |  |  |
| 1.3 |        |        |                 |     |          |    |       |       |       |       |       |       |       |       |       |  |  |
| 2.1 |        |        |                 |     |          |    |       |       |       |       |       |       |       |       |       |  |  |
| 2.2 |        |        |                 |     |          |    |       |       |       |       |       |       |       |       |       |  |  |
| 2.3 |        |        |                 |     |          |    |       |       |       |       |       |       |       |       |       |  |  |
| 2.4 |        |        |                 |     |          |    |       |       |       |       |       |       |       |       |       |  |  |
| 2.5 |        |        |                 |     |          |    |       |       |       |       |       |       |       |       |       |  |  |
| 2.6 |        |        |                 |     |          |    |       |       |       |       |       |       |       |       |       |  |  |
| 5.1 |        |        |                 |     |          |    |       |       |       |       |       |       |       |       |       |  |  |
| H   |        |        |                 |     |          |    |       |       |       |       |       |       |       |       |       |  |  |
| 1.1 | 1.5×D  | 0.5×D  | 0.75×D          | 140 | 160      | fz | 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          | 100 | 120      |    | 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%

|     |        |        | 切削速度-Vc (m/min) |     | 刀具直径(dc) |    |       |       |       |       |       |       |       |       |       |  |  |
|-----|--------|--------|-----------------|-----|----------|----|-------|-------|-------|-------|-------|-------|-------|-------|-------|--|--|
|     | A      |        | B               | 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  |  |  |
|     | ap     | ae     | ap              |     |          |    |       |       |       |       |       |       |       |       |       |  |  |
| P   |        |        |                 |     |          |    |       |       |       |       |       |       |       |       |       |  |  |
| 1.1 |        |        |                 |     |          |    |       |       |       |       |       |       |       |       |       |  |  |
| 2.1 |        |        |                 |     |          |    |       |       |       |       |       |       |       |       |       |  |  |
| 3.1 |        |        |                 |     |          |    |       |       |       |       |       |       |       |       |       |  |  |
|     |        |        |                 |     |          | Fz |       |       |       |       |       |       |       |       |       |  |  |
| 4.1 | 0.05×D | 0.55×D | 1×D             | 160 | 180      |    | 0.150 | 0.210 | 0.270 | 0.300 | 0.500 | 0.500 | 0.500 | 0.600 | 0.700 |  |  |
| 5.1 |        |        |                 |     |          |    |       |       |       |       |       |       |       |       |       |  |  |
| M   |        |        |                 |     |          |    |       |       |       |       |       |       |       |       |       |  |  |
| 1.1 |        |        |                 |     |          |    |       |       |       |       |       |       |       |       |       |  |  |
| 2.1 |        |        |                 |     |          |    |       |       |       |       |       |       |       |       |       |  |  |
| 3.1 |        |        |                 |     |          |    |       |       |       |       |       |       |       |       |       |  |  |
| 4.1 |        |        |                 |     |          |    |       |       |       |       |       |       |       |       |       |  |  |
| 5.1 |        |        |                 |     |          |    |       |       |       |       |       |       |       |       |       |  |  |
| K   |        |        |                 |     |          |    |       |       |       |       |       |       |       |       |       |  |  |
| 1.1 |        |        |                 |     |          |    |       |       |       |       |       |       |       |       |       |  |  |
| 1.2 |        |        |                 |     |          |    |       |       |       |       |       |       |       |       |       |  |  |
| 2.1 |        |        |                 |     |          |    |       |       |       |       |       |       |       |       |       |  |  |
| 2.2 |        |        |                 |     |          |    |       |       |       |       |       |       |       |       |       |  |  |
| 3.1 |        |        |                 |     |          |    |       |       |       |       |       |       |       |       |       |  |  |
| 3.2 |        |        |                 |     |          |    |       |       |       |       |       |       |       |       |       |  |  |
| 4.1 |        |        |                 |     |          |    |       |       |       |       |       |       |       |       |       |  |  |
| 4.2 |        |        |                 |     |          |    |       |       |       |       |       |       |       |       |       |  |  |
| 5.1 |        |        |                 |     |          |    |       |       |       |       |       |       |       |       |       |  |  |
| 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 |        |        |                 |     |          |    |       |       |       |       |       |       |       |       |       |  |  |
| S   |        |        |                 |     |          |    |       |       |       |       |       |       |       |       |       |  |  |
| 1.1 |        |        |                 |     |          |    |       |       |       |       |       |       |       |       |       |  |  |
| 1.2 |        |        |                 |     |          |    |       |       |       |       |       |       |       |       |       |  |  |
| 1.3 |        |        |                 |     |          |    |       |       |       |       |       |       |       |       |       |  |  |
| 2.1 |        |        |                 |     |          |    |       |       |       |       |       |       |       |       |       |  |  |
| 2.2 |        |        |                 |     |          |    |       |       |       |       |       |       |       |       |       |  |  |
| 2.3 |        |        |                 |     |          |    |       |       |       |       |       |       |       |       |       |  |  |
| 2.4 |        |        |                 |     |          |    |       |       |       |       |       |       |       |       |       |  |  |
| 2.5 |        |        |                 |     |          |    |       |       |       |       |       |       |       |       |       |  |  |
| 2.6 |        |        |                 |     |          |    |       |       |       |       |       |       |       |       |       |  |  |
| 5.1 |        |        |                 |     |          |    |       |       |       |       |       |       |       |       |       |  |  |
| H   |        |        |                 |     |          |    |       |       |       |       |       |       |       |       |       |  |  |
| 1.1 | 1.5×D  | 0.5×D  | 0.75×D          | 140 | 160      | Fz | 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          | 100 | 120      |    | 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



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 with columns for cutting speed (Vc), tool diameter (dc), and feed rate (Fz) for BRHM-□B end mills. Rows are categorized by material (P, M, K, N, S, H) and application (1.1-5.1).

BRSM-□E 耐热平头立铣刀



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 with columns for cutting speed (Vc), tool diameter (dc), and feed rate (Fz) for BRSM-□E end mills. Rows are categorized by material (P, M, K, N, S, H) and application (1.1-5.1).





BRNM-□ E 铝用平头立铣刀 BRNM-□ R 铝用刀尖圆角铣刀



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 with columns for parameters (A, B, Vc, dc) and rows for material groups (P, M, K, N, S, H) and various operation codes (1.1-5.1).

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 with columns for parameters (A, B, Vc, dc) and rows for material groups (P, M, K, N, S, H) and various operation codes (1.1-5.1).