



行走于钢铁之间的精灵

The elves which walking on the iron and steel

昆山福籁瑞喜精密工具有限公司

Freshing Precision Tools Co., Ltd.



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FRESHING Precision Tools

整体钨钢立铣刀-2刃 Solid Carbide Square End Mill --2 Flutes



整体钨钢立铣刀-4刃 Solid Carbide Square End Mill --4 Flutes



整体钨钢立铣刀-6刃 Solid Carbide Square End Mill --6 Flutes



| 刃径 d | 刃长 L1 | 全长 L | 柄径 D | 刃数 F | 订购编号 Order No. |
|---------|----------|---------|---------|---------|-------------------|
| 1.0 | 3 | 50 | 4 | 4 | LSM-XX-LX-4010 |
| 1.5 | 4 | 50 | 4 | 4 | LSM-XX-LX-4015 |
| 2.0 | 5 | 50 | 4 | 4 | LSM-XX-LX-4020 |
| 2.5 | 6 | 50 | 4 | 4 | LSM-XX-LX-4025 |
| 3.0 | 8 | 50 | 4 | 4 | LSM-XX-LX-4030 |
| 3.5 | 9 | 50 | 4 | 4 | LSM-XX-LX-4035 |
| 4.0 | 10 | 50 | 4 | 4 | LSM-XX-LX-4040 |
| 4.5 | 11 | 50 | 6 | 4 | LSM-XX-LX-4045 |
| 5.0 | 13 | 50 | 6 | 4 | LSM-XX-LX-4050 |
| 5.5 | 14 | 50 | 6 | 4 | LSM-XX-LX-4055 |
| 6.0 | 15 | 50 | 6 | 4 | LSM-XX-LX-4060 |
| 6.5 | 16 | 60 | 8 | 4 | LSM-XX-LX-4065 |
| 7.0 | 18 | 60 | 8 | 4 | LSM-XX-LX-4070 |
| 7.5 | 18 | 60 | 8 | 4 | LSM-XX-LX-4075 |
| 8.0 | 20 | 60 | 8 | 4 | LSM-XX-LX-4080 |
| 8.5 | 20 | 75 | 10 | 4 | LSM-XX-LX-4085 |
| 9.0 | 22 | 75 | 10 | 4 | LSM-XX-LX-4090 |
| 9.5 | 22 | 75 | 10 | 4 | LSM-XX-LX-4095 |
| 10.0 | 25 | 75 | 10 | 4 | LSM-XX-LX-4100 |
| 10.5 | 25 | 75 | 12 | 4 | LSM-XX-LX-4105 |
| 11.0 | 25 | 75 | 12 | 4 | LSM-XX-LX-4110 |
| 11.5 | 25 | 75 | 12 | 4 | LSM-XX-LX-4115 |
| 12.0 | 30 | 75 | 12 | 4 | LSM-XX-LX-4120 |
| 13.0 | 30 | 75 | 14 | 4 | LSM-XX-LX-4130 |
| 14.0 | 30 | 75 | 14 | 4 | LSM-XX-LX-4140 |
| 15.0 | 35 | 100 | 16 | 4 | LSM-XX-LX-4150 |
| 16.0 | 35 | 100 | 16 | 4 | LSM-XX-LX-4160 |
| 18.0 | 40 | 100 | 18 | 4 | LSM-XX-LX-4180 |
| 20.0 | 45 | 100 | 20 | 4 | LSM-XX-LX-4200 |
| 25.0 | 45 | 100 | 25 | 4 | LSM-XX-LX-4250 |



刃径、刃长、刃数等参数可以根据需求定制!

The parameters can be customized, such as the diameter, length and flutes, etc.



钨钢圆鼻铣刀-2刃

Solid Carbide Corner Radius End Mill --2 Flutes



钨钢圆鼻铣刀-4刃

Solid Carbide Corner Radius End Mill --4 Flutes



| 刃径 d | R角 R | 刃长 L1 | 全长 L | 柄径 D | 刃数 F | 订购编号 Order No. |
|---------|---------|----------|---------|---------|---------|-------------------|
| 3.0 | 0.5 | 6 | 50 | 6 | 4 | LSM-XX-YB-4030 |
| 4.0 | 1.0 | 8 | 50 | 6 | 4 | LSM-XX-YB-4040 |
| 5.0 | 0.5 | 10 | 50 | 6 | 4 | LSM-XX-YB-4050 |
| 6.0 | 1.0 | 12 | 50 | 6 | 4 | LSM-XX-YB-4060 |
| 8.0 | 1.5 | 16 | 60 | 8 | 4 | LSM-XX-YB-4080 |
| 10.0 | 2.0 | 20 | 75 | 10 | 4 | LSM-XX-YB-4100 |
| 12.0 | 3.0 | 24 | 75 | 12 | 4 | LSM-XX-YB-4120 |

钨钢球形铣刀-2刃

Solid Carbide Ball Nosed End Mill --2 Flutes



钨钢球形铣刀-4刃

Solid Carbide Ball Nosed End Mill --4 Flutes



| R角 R | 刃长 L1 | 全长 L | 柄径 D | 刃数 F | 订购编号 Order No. |
|---------|----------|---------|---------|---------|-------------------|
| 0.5R | 2 | 50 | 4 | 2 | LSM-XX-YJ-2005 |
| 0.6R | 2.4 | 50 | 4 | 2 | LSM-XX-YJ-2006 |
| 1.0R | 4 | 50 | 6 | 2 | LSM-XX-YJ-2010 |
| 2.0R | 8 | 50 | 6 | 2 | LSM-XX-YJ-2020 |
| 3.0R | 12 | 50 | 6 | 2 | LSM-XX-YJ-2030 |
| 4.0R | 16 | 60 | 8 | 2 | LSM-XX-YJ-2040 |
| 5.0R | 20 | 75 | 10 | 2 | LSM-XX-YJ-2050 |
| 6.0R | 24 | 75 | 12 | 2 | LSM-XX-YJ-2060 |
| 8.0R | 32 | 100 | 16 | 2 | LSM-XX-YJ-2080 |
| 10.0R | 40 | 100 | 20 | 2 | LSM-XX-YJ-2100 |



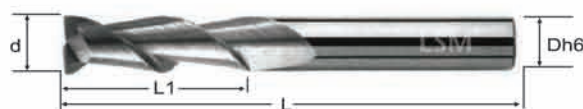
刃径、刃长、刃数等参数可以根据需求定制!

The parameters can be customized, such as the diameter, length and flutes, etc.

整体硬质合金铣刀—单刃 Solid Carbide End Mill --1 Flute



钨钢铝用平铣刀—2刃 Solid Carbide End Mill For Aluminum --2 Flutes



钨钢铝用平铣刀—3刃 Solid Carbide End Mill For Aluminum --3 Flutes



| 刃径 d | 刃长 L1 | 全长 L | 柄径 D | 刃数 F | 订购编号 Order No. |
|---------|----------|---------|---------|---------|-------------------|
| 1.0 | 3 | 50 | 4 | 2 | LSM-XX-LY-2010 |
| 1.5 | 4.5 | 50 | 4 | 2 | LSM-XX-LY-2015 |
| 2.0 | 6 | 50 | 4 | 2 | LSM-XX-LY-2020 |
| 3.0 | 9 | 50 | 3 | 2 | LSM-XX-LY-2030 |
| 3.0 | 9 | 50 | 6 | 2 | LSM-XX-LY-2030 |
| 4.0 | 12 | 50 | 6 | 2 | LSM-XX-LY-2040 |
| 5.0 | 15 | 50 | 6 | 2 | LSM-XX-LY-2050 |
| 6.0 | 18 | 60 | 6 | 2 | LSM-XX-LY-2060 |
| 8.0 | 20 | 60 | 8 | 2 | LSM-XX-LY-2080 |
| 10.0 | 30 | 75 | 10 | 2 | LSM-XX-LY-2100 |
| 12.0 | 30 | 75 | 12 | 2 | LSM-XX-LY-2120 |
| 16.0 | 40 | 100 | 16 | 2 | LSM-XX-LY-2160 |
| 20.0 | 45 | 100 | 20 | 2 | LSM-XX-LY-2200 |

铝用球形铣刀—2刃 Ball Nosed End Mill For Aluminum --2 Flutes



| 半径 R | 刃长 L1 | 全长 L | 柄径 D | 刃数 F | 订购编号 Order No. |
|---------|----------|---------|---------|---------|-------------------|
| 1.0R | 4 | 50 | 4 | 2 | LSM-XX-LY-2010 |
| 2.0R | 8 | 50 | 4 | 2 | LSM-XX-LY-2020 |
| 2.5R | 10 | 50 | 6 | 2 | LSM-XX-LY-2025 |
| 3.0R | 12 | 60 | 6 | 2 | LSM-XX-LY-2030 |
| 4.0R | 16 | 60 | 8 | 2 | LSM-XX-LY-2040 |
| 5.0R | 20 | 75 | 10 | 2 | LSM-XX-LY-2050 |
| 6.0R | 24 | 75 | 12 | 2 | LSM-XX-LY-2060 |
| 8.0R | 32 | 100 | 16 | 2 | LSM-XX-LY-2080 |



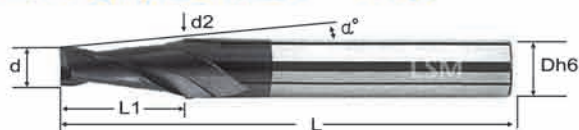
刃径、刃长、刃数等参数可以根据需求定制!

The parameters can be customized, such as the diameter, length and flutes, etc.



钨钢斜度铣刀-2刃

Solid Carbide Taper End Mill --2 Flutes



| 先端径 d1 | 刃斜角 α° | 刃长 L1 | 粗端径 d2 | 全长 L | 柄径 D | 刃数 F | 订购编号 Order No. |
|-----------|-----------------------|----------|-----------|---------|---------|---------|-------------------|
| 6 | 1° | 20 | 6.70 | 60 | 8 | 2 | LSM-XX-ZD-20601 |
| 6 | 2° | 20 | 7.40 | 60 | 8 | 2 | LSM-XX-ZD-20602 |
| 6 | 3° | 20 | 8.10 | 60 | 10 | 2 | LSM-XX-ZD-20603 |
| 6 | 5° | 20 | 9.50 | 75 | 10 | 2 | LSM-XX-ZD-20605 |
| 6 | 7° | 24 | 12.00 | 75 | 12 | 2 | LSM-XX-ZD-20607 |
| 6 | 10° | 22 | 14.00 | 75 | 14 | 2 | LSM-XX-ZD-20610 |
| 8 | 1° | 25 | 8.87 | 75 | 10 | 2 | LSM-XX-ZD-20801 |
| 8 | 2° | 25 | 9.75 | 75 | 10 | 2 | LSM-XX-ZD-20802 |
| 8 | 3° | 25 | 10.62 | 75 | 12 | 2 | LSM-XX-ZD-20803 |
| 8 | 5° | 25 | 12.37 | 75 | 14 | 2 | LSM-XX-ZD-20805 |
| 8 | 7° | 32 | 16 | 100 | 16 | 2 | LSM-XX-ZD-20807 |
| 8 | 10° | 25 | 18 | 100 | 18 | 2 | LSM-XX-ZD-20810 |
| 10 | 1° | 35 | 11.22 | 75 | 12 | 2 | LSM-XX-ZD-21001 |
| 10 | 2° | 35 | 12.44 | 75 | 14 | 2 | LSM-XX-ZD-21002 |
| 10 | 3° | 35 | 13.67 | 75 | 14 | 2 | LSM-XX-ZD-21003 |
| 10 | 5° | 34.2 | 16.00 | 100 | 16 | 2 | LSM-XX-ZD-21005 |

钨钢斜度球形铣刀-2刃

Solid Carbide Taper Ball Nosed End Mill --2 Flutes



| 半径 R | 刃斜角 α° | 刃长 L | 粗端径 L | 全长 L | 柄径 D | 刃数 F | 订购编号 Order No. |
|---------|-----------------------|---------|----------|---------|---------|---------|-------------------|
| 1R | 1° | 8 | 2.24 | 50 | 4 | 2 | LSM-XX-ZD-20801 |
| 1R | 3° | 8 | 2.74 | 50 | 4 | 2 | LSM-XX-ZD-20803 |
| 1R | 5° | 8 | 3.23 | 50 | 4 | 2 | LSM-XX-ZD-20805 |
| 1.25R | 1° | 10 | 2.81 | 50 | 4 | 2 | LSM-XX-ZD-21001 |
| 1.25R | 3° | 10 | 3.42 | 50 | 4 | 2 | LSM-XX-ZD-21003 |
| 1.25R | 5° | 10 | 4.04 | 50 | 6 | 2 | LSM-XX-ZD-21005 |
| 1.5R | 1° | 12 | 3.73 | 50 | 4 | 2 | LSM-XX-ZD-21201 |
| 1.5R | 3° | 12 | 4.01 | 50 | 6 | 2 | LSM-XX-ZD-21203 |
| 1.5R | 5° | 12 | 4.85 | 50 | 6 | 2 | LSM-XX-ZD-21205 |
| 2R | 1° | 16 | 4.49 | 60 | 6 | 2 | LSM-XX-ZD-21601 |
| 2R | 3° | 16 | 5.47 | 60 | 6 | 2 | LSM-XX-ZD-21603 |
| 2R | 5° | 16 | 6.46 | 60 | 8 | 2 | LSM-XX-ZD-21605 |
| 3R | 1° | 24 | 6.73 | 75 | 8 | 2 | LSM-XX-ZD-22401 |
| 3R | 3° | 24 | 8.20 | 75 | 10 | 2 | LSM-XX-ZD-22403 |
| 3R | 5° | 24 | 9.67 | 75 | 10 | 2 | LSM-XX-ZD-22405 |



刃径、刃长、刃数等参数可以根据需求定制!

The parameters can be customized, such as the diameter, length and flutes, etc.

钨钢长颈平铣刀-2刃 Solid Carbide Long Neck End Mill --2 Flutes



| 刃径 d | 刃长 L1 | 有效长 L2 | 全长 L | 柄径 D | 刃数 F | 订购编号 Order No. |
|---------|----------|-----------|---------|---------|---------|-------------------|
| 1.0 | 1.5 | 7.5 | 50 | 4 | 2 | LSM-XX-CJ-2010-1 |
| 1.0 | 1.5 | 11.5 | 50 | 4 | 2 | LSM-XX-CJ-2010-2 |
| 1.2 | 2.0 | 8.0 | 50 | 4 | 2 | LSM-XX-CJ-2012-1 |
| 1.2 | 2.0 | 12.0 | 50 | 4 | 2 | LSM-XX-CJ-2012-2 |
| 1.5 | 2.5 | 10.5 | 50 | 4 | 2 | LSM-XX-CJ-2015-1 |
| 1.5 | 2.5 | 18.5 | 50 | 4 | 2 | LSM-XX-CJ-2015-2 |
| 1.8 | 3.0 | 11.0 | 50 | 4 | 2 | LSM-XX-CJ-2018-1 |
| 1.8 | 3.0 | 19.0 | 50 | 4 | 2 | LSM-XX-CJ-2018-2 |
| 2.0 | 3.0 | 11.0 | 50 | 4 | 2 | LSM-XX-CJ-2020-1 |
| 2.0 | 3.0 | 19.0 | 50 | 4 | 2 | LSM-XX-CJ-2020-2 |
| 2.0 | 3.0 | 23.0 | 60 | 4 | 2 | LSM-XX-CJ-2020-3 |
| 2.5 | 3.5 | 15.5 | 50 | 4 | 2 | LSM-XX-CJ-2025-1 |
| 2.5 | 3.5 | 23.5 | 60 | 4 | 2 | LSM-XX-CJ-2025-2 |
| 3.0 | 4.5 | 16.5 | 60 | 6 | 2 | LSM-XX-CJ-2030-1 |
| 3.0 | 4.5 | 24.5 | 75 | 6 | 2 | LSM-XX-CJ-2030-2 |
| 4.0 | 6.0 | 26.0 | 75 | 6 | 2 | LSM-XX-CJ-2040-1 |
| 4.0 | 6.0 | 36.0 | 75 | 6 | 2 | LSM-XX-CJ-2040-2 |

钨钢长颈球形铣刀-2刃 Carbide Long Neck Ball Nosed End Mill --2 Flutes



| 半径 R | 刃长 L1 | 有效长 L2 | 全长 L | 柄径 D | 刃数 F | 订购编号 Order No. |
|---------|----------|-----------|---------|---------|---------|-------------------|
| 0.5R | 1.5 | 7.5 | 50 | 4 | 2 | LSM-XX-CJ-2415-1 |
| 0.5R | 1.5 | 11.5 | 50 | 4 | 2 | LSM-XX-CJ-2415-2 |
| 0.75R | 2.5 | 10.5 | 50 | 4 | 2 | LSM-XX-CJ-2425-1 |
| 0.75R | 2.5 | 18.5 | 50 | 4 | 2 | LSM-XX-CJ-2425-2 |
| 1.0R | 3.0 | 11.0 | 50 | 4 | 2 | LSM-XX-CJ-2430-1 |
| 1.0R | 3.0 | 19.0 | 50 | 4 | 2 | LSM-XX-CJ-2425-2 |
| 1.0R | 3.0 | 23.0 | 60 | 4 | 2 | LSM-XX-CJ-2425-3 |
| 1.25R | 3.5 | 15.5 | 50 | 4 | 2 | LSM-XX-CJ-2435-1 |
| 1.25R | 3.5 | 23.5 | 60 | 4 | 2 | LSM-XX-CJ-2435-2 |
| 1.5R | 4.5 | 16.5 | 60 | 6 | 2 | LSM-XX-CJ-2445-1 |
| 1.5R | 4.5 | 24.5 | 75 | 6 | 2 | LSM-XX-CJ-2445-2 |
| 2.0R | 6.0 | 26.0 | 75 | 6 | 2 | LSM-XX-CJ-2460-1 |
| 2.0R | 6.0 | 36.0 | 75 | 6 | 2 | LSM-XX-CJ-2460-2 |



刃径、刃长、刃数等参数可以根据需求定制!

The parameters can be customized, such as the diameter, length and flutes, etc.

钨钢微颈平铣刀-2刃

Solid Carbide Short Neck End Mill --2 Flutes



| 刃径 d | 刃长 L1 | 全长 L | 柄径 D | 刃数 F | 订购编号 Order No. |
|---------|----------|---------|---------|---------|-------------------|
| 0.2 | 0.4 | 50 | 3 | 2 | LSM-XX-WJ-2020 |
| 0.25 | 0.5 | 50 | 3 | 2 | LSM-XX-WJ-2025 |
| 0.3 | 0.6 | 50 | 3 | 2 | LSM-XX-WJ-2030 |
| 0.35 | 0.7 | 50 | 3 | 2 | LSM-XX-WJ-2035 |
| 0.4 | 0.8 | 50 | 3 | 2 | LSM-XX-WJ-2040 |
| 0.5 | 1.0 | 50 | 3 | 2 | LSM-XX-WJ-2050 |
| 0.6 | 1.5 | 50 | 3 | 2 | LSM-XX-WJ-2060 |
| 0.7 | 2.0 | 50 | 3 | 2 | LSM-XX-WJ-2070 |
| 0.8 | 2.0 | 50 | 3 | 2 | LSM-XX-WJ-2080 |
| 0.9 | 2.0 | 50 | 3 | 2 | LSM-XX-WJ-2090 |
| 1.0 | 3.0 | 50 | 3 | 2 | LSM-XX-WJ-2100 |
| 1.5 | 4.0 | 50 | 3 | 2 | LSM-XX-WJ-2150 |
| 2.0 | 5.0 | 50 | 3 | 2 | LSM-XX-WJ-2200 |
| 3.0 | 8.0 | 50 | 3 | 2 | LSM-XX-WJ-2300 |

钨钢微颈球形铣刀-2刃

Carbide Short Neck Ball Nosed End Mill --2 Flutes



| 半径 R | 刃长 L1 | 全长 L | 柄径 D | 刃数 F | 订购编号 Order No. |
|---------|----------|---------|---------|---------|-------------------|
| 0.1R | 0.4 | 50 | 3 | 2 | LSM-XX-WJ-2010 |
| 0.15R | 0.6 | 50 | 3 | 2 | LSM-XX-WJ-2015 |
| 0.2R | 0.8 | 50 | 3 | 2 | LSM-XX-WJ-2020 |
| 0.25R | 1.0 | 50 | 3 | 2 | LSM-XX-WJ-2025 |
| 0.3R | 1.2 | 50 | 3 | 2 | LSM-XX-WJ-2030 |
| 0.35R | 1.4 | 50 | 3 | 2 | LSM-XX-WJ-2035 |
| 0.4R | 1.6 | 50 | 3 | 2 | LSM-XX-WJ-2040 |
| 0.45R | 1.8 | 50 | 3 | 2 | LSM-XX-WJ-2045 |
| 0.5R | 2.0 | 50 | 3 | 2 | LSM-XX-WJ-2050 |
| 0.6R | 2.4 | 50 | 3 | 2 | LSM-XX-WJ-2060 |
| 0.7R | 2.8 | 50 | 3 | 2 | LSM-XX-WJ-2070 |
| 0.75R | 3.0 | 50 | 3 | 2 | LSM-XX-WJ-2075 |
| 1.0R | 4.0 | 50 | 3 | 2 | LSM-XX-WJ-2100 |
| 1.5R | 6.0 | 50 | 3 | 2 | LSM-XX-WJ-2150 |



刃径、刃长、刃数等参数可以根据需求定制!

The parameters can be customized, such as the diameter, length and flutes, etc.

钨钢斜头球形铣刀-2刃

Solid Carbide Taper Ball Nosed End Mill --2 Flutes



钨钢斜头球形铣刀-4刃

Solid Carbide Taper Ball Nosed End Mill --4 Flutes



| 半径 R | 柄斜角 θ° | 刃长 L1 | 有效长 L2 | 全长 L | 柄径 D | 刃数 F | 订购编号 Order No. |
|---------|-----------------------|----------|-----------|---------|---------|---------|-------------------|
| 1R | 3° | 4 | 42 | 100 | 8 | 2 | LSM-XX-XJ-2010 |
| 1.5R | 3° | 6 | 47 | 100 | 8 | 2 | LSM-XX-XJ-2015 |
| 2R | 3° | 8 | 38 | 100 | 8 | 2 | LSM-XX-XJ-2020 |
| 2.5R | 3° | 10 | 28 | 100 | 8 | 2 | LSM-XX-XJ-2025 |
| 3R | 3° | 12 | 38 | 100 | 10 | 2 | LSM-XX-XJ-2030 |
| 4R | 3° | 16 | 38 | 150 | 12 | 2 | LSM-XX-XJ-2040 |
| 5R | 3° | 20 | 57 | 150 | 16 | 2 | LSM-XX-XJ-2050 |
| 6R | 3° | 24 | 38 | 150 | 16 | 2 | LSM-XX-XJ-2060 |

钨钢粗铣平铣刀-3刃

Solid Carbide Rough Square End Mill --3 Flutes



钨钢粗铣平铣刀-4刃

Solid Carbide Rough Square End Mill --4 Flutes



| 刃径 d | 刃长 L1 | 全长 L | 柄径 D | 刃数 F | 订购编号 Order No. |
|---------|----------|---------|---------|---------|-------------------|
| 6.0 | 15 | 50 | 6 | 3 | LSM-XX-CX-3060 |
| 8.0 | 20 | 60 | 8 | 3 | LSM-XX-CX-3080 |
| 10.0 | 25 | 75 | 10 | 3 | LSM-XX-CX-3100 |
| 12.0 | 30 | 75 | 12 | 3 | LSM-XX-CX-3120 |
| 16.0 | 40 | 100 | 16 | 3 | LSM-XX-CX-3160 |
| 20.0 | 45 | 100 | 20 | 3 | LSM-XX-CX-3200 |



刃径、刃长、刃数等参数可以根据需求定制!

The parameters can be customized, such as the diameter, length and flutes, etc.



整体波纹平铣刀-2刃 Carbide Edge Wave Square End Mill --2 Flutes



整体波纹平铣刀-3刃 Carbide Edge Wave Square End Mill --3 Flutes



整体波纹平铣刀-4刃 Carbide Edge Wave Square End Mill -- 4 Flutes



| 刃径 d | 刃长 L1 | 全长 L | 柄径 D | 刃数 F | 订购编号 Order No. |
|---------|----------|---------|---------|---------|-------------------|
| 6.0 | 15 | 50 | 6 | 2 | LSM-XX-BW-2060 |
| 8.0 | 20 | 60 | 8 | 2 | LSM-XX-BW-2080 |
| 10.0 | 25 | 75 | 10 | 2 | LSM-XX-BW-2100 |
| 12.0 | 30 | 75 | 12 | 2 | LSM-XX-BW-2120 |

钨钢玉米铣刀-2刃 Solid Carbide Maize Sharp End Mill --2 Flutes



| 刃径 d | 刃长 L1 | 柄径 D | 全长 L | 订购编号 Order No. |
|---------|----------|---------|---------|-------------------|
| 0.8 | 5.0 | 3.175 | 38.5 | LSM-XX-YM-008 |
| 0.9 | 5.0 | 3.175 | 38.5 | LSM-XX-YM-009 |
| 1.0 | 6.0 | 3.175 | 38.5 | LSM-XX-YM-010 |
| 1.1 | 6.0 | 3.175 | 38.5 | LSM-XX-YM-011 |
| 1.2 | 6.0 | 3.175 | 38.5 | LSM-XX-YM-012 |
| 1.3 | 6.0 | 3.175 | 38.5 | LSM-XX-YM-013 |
| 1.4 | 6.0 | 3.175 | 38.5 | LSM-XX-YM-014 |
| 1.5 | 8.5 | 3.175 | 38.5 | LSM-XX-YM-015 |
| 1.6 | 8.5 | 3.175 | 38.5 | LSM-XX-YM-016 |
| 1.7 | 8.5 | 3.175 | 38.5 | LSM-XX-YM-017 |
| 1.8 | 8.5 | 3.175 | 38.5 | LSM-XX-YM-018 |
| 1.9 | 8.5 | 3.175 | 38.5 | LSM-XX-YM-019 |

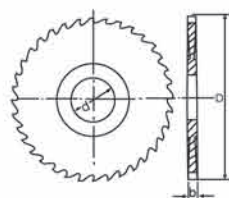


刃径、刃长、刃数等参数可以根据需求定制!

The parameters can be customized, such as the diameter, length and flutes, etc.

整体硬质合金锯片铣刀

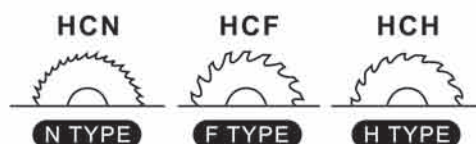
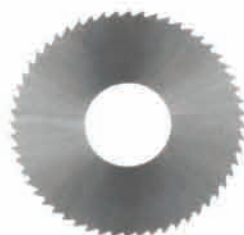
Solid Carbide Saws Blade Cutter



| 外径 D | 内孔 d | 厚度 b | 齿数 T | 订购编号 Order No. |
|---------|---------|---------|---------|-------------------|
| 75 | 22 | 0.4-0.6 | 细齿/粗齿 | LSM-ZJ-JP-075 |
| 80 | 22(27) | 0.5-0.7 | 细齿/粗齿 | LSM-ZJ-JP-080 |
| 100 | 22(27) | 0.3-0.7 | 细齿/粗齿 | LSM-ZJ-JP-100 |
| 125 | 27(32) | 0.6-0.8 | 细齿/粗齿 | LSM-ZJ-JP-125 |
| 160 | 32 | 1.0-1.2 | 细齿/粗齿 | LSM-ZJ-JP-160 |

高速钢锯片

High Speed Steel Slitting Saws

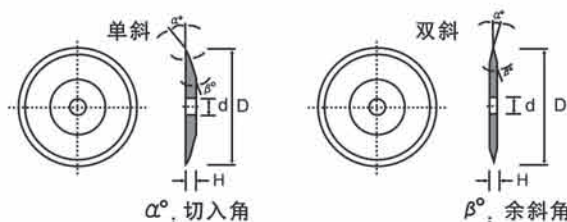


锯齿型锯片—依需求生产!
Type is dependent on demand.

| 外径 D | 厚度 H | 内径 d | 齿数 T | 订购编号 Order No. |
|---------|---------|---------|---------|-------------------|
| 150 | 1.0 | 25.4 | 100 | LSM-ZJ-JP-010 |
| 150 | 2.0 | 25.4 | 100 | LSM-ZJ-JP-020 |
| 150 | 3.0 | 25.4 | 100 | LSM-ZJ-JP-030 |
| 150 | 4.0 | 25.4 | 100 | LSM-ZJ-JP-040 |
| 150 | 5.0 | 25.4 | 100 | LSM-ZJ-JP-050 |

高速钢圆刀

High Speed Steel Circular Knives



| 外径 D | 厚度 H | 内径 d | 订购编号 Order No. |
|---------|---------|---------|-------------------|
| 50 | 0.5 | 25.4 | LSM-ZJ-YD-050 |
| 60 | 1.0 | 25.4 | LSM-ZJ-YD-060 |
| 75 | 1.5 | 25.4 | LSM-ZJ-YD-075 |
| 90 | 2.0 | 25.4 | LSM-ZJ-YD-090 |
| 100 | 2.0 | 25.4 | LSM-ZJ-YD-100 |



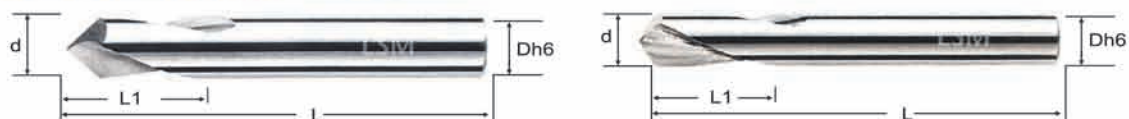
直径、厚度、齿数等参数可以根据需求定制!

The parameters can be customized, such as the diameter, thickness, tooth, etc.



钨钢定点钻-2刃

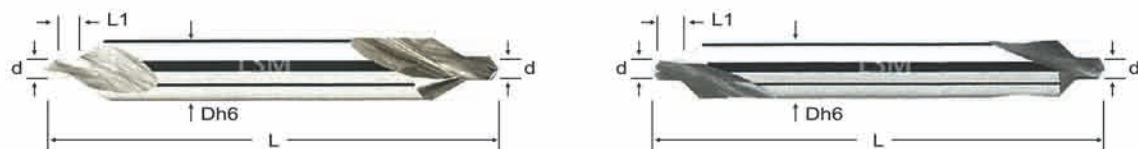
Solid Carbide Spotting Drills --2 Flutes



| 刃径 d | 刃长 L1 | 全长 L | 柄径 D | 订购编号 Order No. |
|---------|----------|---------|---------|-------------------|
| 3.0 | 10 | 40 | 3 | LSM-ZJ-DD-030 |
| 4.0 | 12 | 50 | 4 | LSM-ZJ-DD-040 |
| 5.0 | 15 | 50 | 5 | LSM-ZJ-DD-050 |
| 6.0 | 20 | 50 | 6 | LSM-ZJ-DD-060 |
| 8.0 | 25 | 60 | 8 | LSM-ZJ-DD-080 |
| 10.0 | 25 | 75 | 10 | LSM-ZJ-DD-100 |
| 12.0 | 30 | 75 | 12 | LSM-ZJ-DD-120 |
| 16.0 | 35 | 100 | 16 | LSM-ZJ-DD-160 |

钨钢中心钻-2刃

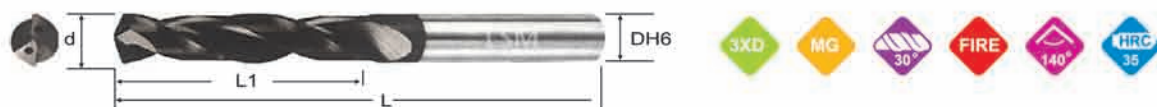
Solid Carbide Center Drills



| 刃径 d | 刃长 L1 | 全长 L | 柄径 D | 订购编号 Order No. |
|---------|----------|---------|---------|-------------------|
| 1.00 | 1.6 | 32 | 3.0 | LSM-ZJ-ZX-0100 |
| 1.25 | 1.9 | 32 | 3.0 | LSM-ZJ-ZX-0125 |
| 1.60 | 2.4 | 32 | 4.0 | LSM-ZJ-ZX-0160 |
| 2.00 | 2.9 | 40 | 5.0 | LSM-ZJ-ZX-0200 |
| 2.50 | 3.6 | 45 | 6.0 | LSM-ZJ-ZX-0250 |
| 3.00 | 3.9 | 60 | 8.0 | LSM-ZJ-ZX-0300 |
| 3.15 | 3.9 | 60 | 8.0 | LSM-ZJ-ZX-0315 |
| 4.00 | 5.0 | 75 | 10.0 | LSM-ZJ-ZX-0400 |
| 5.00 | 6.3 | 75 | 12.0 | LSM-ZJ-ZX-0500 |

钨钢高速内冷钻头-2刃

Solid Carbide High Speed & Coolant Hole Drill--2 Flutes



| 刃径 d | 刃长 L1 | 全长 L | 柄径 D | 刃数 F | 订购编号 Order No. |
|---------|----------|---------|---------|---------|-------------------|
| 4.0 | 24 | 66 | 6 | 2 | LSM-ZJ-NL-2040 |
| 6.0 | 28 | 66 | 6 | 2 | LSM-ZJ-NL-2060 |
| 8.0 | 41 | 79 | 8 | 2 | LSM-ZJ-NL-2080 |
| 10.0 | 47 | 89 | 10 | 2 | LSM-ZJ-NL-2100 |
| 12.0 | 55 | 102 | 12 | 2 | LSM-ZJ-NL-2120 |
| 14.0 | 60 | 107 | 14 | 2 | LSM-ZJ-NL-2140 |
| 16.0 | 65 | 115 | 16 | 2 | LSM-ZJ-NL-2160 |
| 18.0 | 73 | 123 | 18 | 2 | LSM-ZJ-NL-2180 |



刃径、刃长、刃数等参数可以根据需求定制!

The parameters can be customized, such as the diameter, length and flutes, etc.

整体硬质合金麻花钻

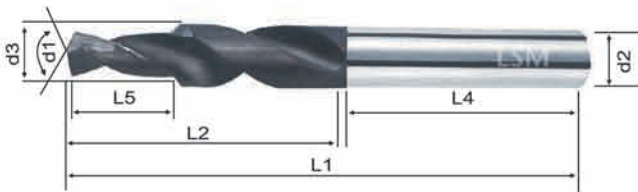
Solid Carbide Drills



| 刃径 d1 | 总长 L1 | 总长 L2 | 齿数 F | 订购编号 Order No. |
|----------|----------|----------|---------|-------------------|
| 1.0 | 30 | 10 | 2 | LSM-XX-MH-2010 |
| 2.0 | 40 | 18 | 2 | LSM-XX-MH-2020 |
| 3.0 | 40 | 20 | 2 | LSM-XX-MH-2030 |
| 4.0 | 50 | 28 | 2 | LSM-XX-MH-2040 |
| 6.0 | 60 | 30 | 2 | LSM-XX-MH-2060 |
| 7.0 | 60 | 32 | 2 | LSM-XX-MH-2070 |
| 11.0 | 70 | 38 | 2 | LSM-XX-MH-2110 |

整体硬质合金台阶钻

Solid Carbide Steps Drills



| 刃径 d1 | 总长 L1 | 刃长 L2 | 柄径 d2 | L4 | L5 | d3 | 齿数 F | 订购编号 Order No. |
|----------|----------|----------|----------|----|------|-----|---------|-------------------|
| 7.0 | 89 | 47 | 10 | 40 | 21 | 9.8 | 2 | LSM-XX-TJ-2070 |
| 9.0 | 102 | 55 | 12 | 45 | 25.5 | 12 | 2 | LSM-XX-TJ-2090 |
| 10.5 | 107 | 60 | 14 | 45 | 30 | 14 | 2 | LSM-XX-TJ-2105 |
| 12.5 | 115 | 65 | 16 | 48 | 34.5 | 16 | 2 | LSM-XX-TJ-2125 |
| 14.5 | 123 | 73 | 18 | 48 | 38.5 | 18 | 2 | LSM-XX-TJ-2145 |

钨钢微径钻头

Solid Carbide Micro Diameter Drill --2 Flutes



| 刃径 d | 刃长 L1 | 全长 L | 柄径 D | 刃数 F | 订购编号 Order No. |
|---------|----------|---------|---------|---------|-------------------|
| 0.10 | 1 | 38 | 3 | 2 | LSM-XX-WJ-2010 |
| 0.50 | 3.5 | 38 | 3 | 2 | LSM-XX-WJ-2050 |
| 0.80 | 6 | 38 | 3 | 2 | LSM-XX-WJ-2080 |
| 1.00 | 7 | 38 | 3 | 2 | LSM-XX-WJ-2100 |
| 1.50 | 11 | 38 | 3 | 2 | LSM-XX-WJ-2150 |
| 1.80 | 13 | 38 | 3 | 2 | LSM-XX-WJ-2180 |
| 2.00 | 14 | 38 | 3 | 2 | LSM-XX-WJ-2200 |
| 2.50 | 15 | 38 | 3 | 2 | LSM-XX-WJ-2250 |



刃径、刃长、刃数等参数可以根据需求定制!

The parameters can be customized, such as the diameter, length and flutes, etc.



钨钢螺旋机械绞刀-4/6刃 Solid Carbide Machine Reamers --4/6 Flutes



| 刃径 d | 刃长 L1 | 有效长 L2 | 全长 L | 柄径 D | 刃数 F | 订购编号 Order No. |
|---------|----------|-----------|---------|---------|---------|-------------------|
| 3.0 | 15 | 20 | 61 | 3.0 | 4 | LSM-ZJ-LX-4030 |
| 5.0 | 23 | 30 | 86 | 5.0 | 4 | LSM-ZJ-LX-4050 |
| 6.0 | 26 | 40 | 40 | 6.0 | 4 | LSM-ZJ-LX-4060 |
| 8.0 | 33 | 50 | 50 | 8.0 | 4 | LSM-ZJ-LX-4080 |
| 9.0 | 36 | 50 | 50 | 9.0 | 4 | LSM-ZJ-LX-4090 |
| 10.0 | 38 | 50 | 50 | 10.0 | 4 | LSM-ZJ-LX-4100 |
| 11.0 | 41 | 60 | 60 | 11.0 | 4 | LSM-ZJ-LX-4110 |
| 12.0 | 44 | 60 | 60 | 12.0 | 4 | LSM-ZJ-LX-4120 |

钨钢螺旋机械绞刀-4/6刃 Solid Carbide Machine Reamers --4/6 Flutes



| 刃径 d | 刃长 L1 | 有效长 L2 | 全长 L | 柄径 D | 刃数 F | 订购编号 Order No. |
|---------|----------|-----------|---------|---------|---------|-------------------|
| 4.0 | 15 | 22 | 50 | 4.0 | 6 | LSM-ZJ-LX-6040 |
| 5.0 | 20 | 30 | 60 | 6.0 | 6 | LSM-ZJ-LX-6050 |
| 6.0 | 20 | 30 | 60 | 6.0 | 6 | LSM-ZJ-LX-6060 |
| 7.0 | 20 | 30 | 60 | 8.0 | 6 | LSM-ZJ-LX-6070 |
| 8.0 | 20 | 30 | 60 | 8.0 | 6 | LSM-ZJ-LX-6080 |
| 9.0 | 20 | 30 | 60 | 10.0 | 6 | LSM-ZJ-LX-6090 |
| 10.0 | 20 | 30 | 60 | 10.0 | 6 | LSM-ZJ-LX-6100 |
| 12.0 | 20 | 30 | 60 | 12.0 | 6 | LSM-ZJ-LX-6120 |

钨钢铝铜用直刃钻绞刀-2刃 Solid Carbide Straight Flute Drills --2 Flutes



| 刃径 d | 刃长 L1 | 全长 L | 柄径 D | 刃数 F | 订购编号 Order No. |
|---------|----------|---------|---------|---------|-------------------|
| 4.0 | 29 | 74 | 6 | 2 | LSM-ZJ-JX-2040 |
| 5.0 | 35 | 82 | 6 | 2 | LSM-ZJ-JX-2050 |
| 6.0 | 35 | 82 | 8 | 2 | LSM-ZJ-JX-2060 |
| 7.0 | 43 | 91 | 8 | 2 | LSM-ZJ-JX-2070 |
| 8.0 | 43 | 91 | 10 | 2 | LSM-ZJ-JX-2080 |
| 9.0 | 49 | 103 | 10 | 2 | LSM-ZJ-JX-2090 |
| 10.0 | 49 | 103 | 10 | 2 | LSM-ZJ-JX-2100 |
| 11.0 | 56 | 118 | 12 | 2 | LSM-ZJ-JX-2110 |



刃径、刃长、刃数等参数可以根据需求定制!

The parameters can be customized, such as the diameter, length and flutes, etc.

钨钢T型铣刀 Solid Carbide Slot Cutters(Key seat) -- Flat Flute



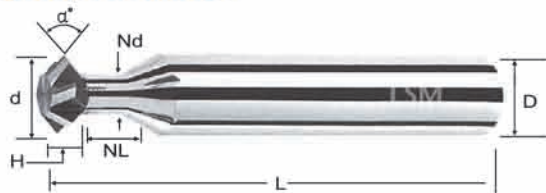
| 刃径 d | 刃长 L1 | 颈径 Nd | 颈长 NL | 全长 L | 柄径 D | 刃数 F | 订购编号 Order No. |
|---------|----------|----------|----------|---------|---------|---------|-------------------|
| 4.0 | 0.5 | 2.5 | 3.5 | 50 | 4 | 4 | LSM-CX-TX-4040 |
| 5.0 | 0.6 | 2.5 | 4.0 | 50 | 6 | 4 | LSM-CX-TX-4050 |
| 6.0 | 0.7 | 3.0 | 4.0 | 50 | 6 | 6 | LSM-CX-TX-6060 |
| 8.0 | 1.0 | 4.0 | 4.0 | 60 | 8 | 6 | LSM-CX-TX-6080 |
| 10.0 | 1.5 | 5.0 | 6.0 | 75 | 10 | 6 | LSM-CX-TX-6100 |
| 12.0 | 2.0 | 6.0 | 7.0 | 75 | 12 | 6 | LSM-CX-TX-6120 |

钨钢鸠尾槽铣刀 Solid Carbide Angular Cutters(Dovetail) -- Flat Flute



| 刃径 d | 角度 α° | 刃长 H | 颈径 Nd | 颈长 NL | 全长 L | 柄径 D | 刃数 F | 订购编号 Order No. |
|---------|----------------------|---------|----------|----------|---------|---------|---------|-------------------|
| 3.0 | 45° | 0.8 | 1.4 | 3.0 | 60 | 6 | 4 | LSM-CX-JW-4030 |
| 4.0 | 45° | 1.0 | 2.0 | 3.5 | 60 | 6 | 4 | LSM-CX-JW-4040 |
| 5.0 | 45° | 1.2 | 2.5 | 4.0 | 60 | 6 | 4 | LSM-CX-JW-4050 |
| 6.0 | 45° | 1.4 | 3.0 | 4.0 | 60 | 6 | 4 | LSM-CX-JW-4060 |
| 8.0 | 45° | 1.9 | 4.0 | 5.0 | 60 | 8 | 6 | LSM-CX-JW-6080 |
| 10.0 | 45° | 2.4 | 5.0 | 6.0 | 75 | 10 | 6 | LSM-CX-JW-6100 |
| 12.0 | 45° | 2.9 | 6.0 | 7.0 | 75 | 12 | 6 | LSM-CX-JW-6120 |

钨钢等角鸠尾槽铣刀 Solid Carbide W-Angular Cutters(Dovetail)



| 刃径 d | 角度 α° | 刃厚 H | 颈径 Nd | 颈长 NL | 全长 L | 柄径 D | 刃数 F | 订购编号 Order No. |
|---------|----------------------|---------|----------|----------|---------|---------|---------|-------------------|
| 6.0 | 60° | 1.8 | 2.7 | 4 | 60 | 6 | 4 | LSM-CX-DJ-4060 |
| 8.0 | 60° | 2.4 | 3.6 | 5 | 60 | 8 | 6 | LSM-CX-DJ-6080 |
| 10.0 | 60° | 3.1 | 4.5 | 6 | 75 | 10 | 6 | LSM-CX-DJ-6100 |
| 12.0 | 60° | 3.7 | 5.4 | 7 | 75 | 12 | 6 | LSM-CX-DJ-6120 |



刃径、刃长、刃数等参数可以根据需求定制!

The parameters can be customized, such as the diameter, length and flutes, etc.

钨钢外圆槽铣刀

Solid Carbide Convex Cutters



| 刃径 d | R角 R | 刃长 L1 | 颈径 Nd | 颈长 NL | 全长 L | 柄径 D | 刃数 F | 订购编号 Order No. |
|---------|---------|----------|----------|----------|---------|---------|---------|-------------------|
| 4.0 | 0.3R | 0.6 | 2.0 | 3.5 | 50 | 6 | 4 | LSM-CX-WY-4040 |
| 5.0 | 0.5R | 1.0 | 2.2 | 3.5 | 50 | 6 | 4 | LSM-CX-WY-4050 |
| 6.0 | 1R | 2.0 | 2.7 | 4.0 | 50 | 8 | 6 | LSM-CX-WY-6060 |
| 8.0 | 1R | 2.0 | 3.6 | 5.0 | 60 | 10 | 6 | LSM-CX-WY-6080 |
| 10.0 | 1R | 2.0 | 4.5 | 6.0 | 75 | 10 | 6 | LSM-CX-WY-6100 |
| 12.0 | 2R | 4.0 | 5.5 | 6.0 | 75 | 12 | 6 | LSM-CX-WY-6120 |

钨钢倒角兼用铣刀

Solid Carbide V-pointed End Mills--2F



| 先端角 d° | 刃长 d | 刃长 L1 | 全长 L | 柄径 D | 订购编号 Order No. |
|------------------|---------|----------|---------|---------|-------------------|
| 90° | 3 | 6 | 50 | 6 | LSM-CX-JW-4030 |
| 90° | 4 | 8 | 50 | 6 | LSM-CX-JW-4040 |
| 90° | 5 | 10 | 75 | 6 | LSM-CX-JW-4050 |
| 90° | 6 | 12 | 75 | 6 | LSM-CX-JW-4060 |
| 90° | 8 | 16 | 100 | 8 | LSM-CX-JW-6080 |
| 90° | 10 | 20 | 100 | 10 | LSM-CX-JW-6100 |
| 90° | 12 | 24 | 100 | 12 | LSM-CX-JW-6120 |

钨钢扁形倒角铣刀

Solid Carbide Flat Chamfering End Mills



尖端建议轻切削
Light-cutting will be recommended for point



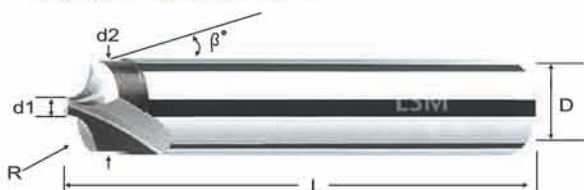
| 顶角 d° | 刃径 d | 全长 L | 柄径 D | 订购编号 Order No. |
|-----------------|---------|---------|---------|-------------------|
| 60° | 3.0 | 50 | 3 | LSM-CX-BD-030 |
| 60° | 4.0 | 50 | 4 | LSM-CX-BD-040 |
| 60° | 6.0 | 50 | 6 | LSM-CX-BD-060 |
| 60° | 8.0 | 50 | 8 | LSM-CX-BD-080 |



刃径、刃长、刃数等参数可以根据需求定制!

The parameters can be customized, such as the diameter, length and flutes, etc.

钨钢内R角铣刀-2刃 Solid Carbide Inner Radius Cutter -- 2 Flutes



| R角 R | 柄斜角 β° | 先端径 d1 | 粗端径 d2 | 全长 L | 柄径 D | 订购编号 Order No. |
|---------|----------------------|-----------|-----------|---------|---------|-------------------|
| 1.0R | 15° | 1.5 | 3.7 | 50 | 4 | LSM-CX-NR-010 |
| 2.0R | 15° | 1.5 | 5.7 | 50 | 6 | LSM-CX-NR-020 |
| 3.0R | 15° | 1.5 | 7.7 | 50 | 8 | LSM-CX-NR-030 |
| 4.0R | 15° | 2 | 10.2 | 60 | 12 | LSM-CX-NR-040 |
| 5.0R | 15° | 3 | 13.2 | 75 | 16 | LSM-CX-NR-050 |
| 6.0R | 15° | 3 | 15.2 | 75 | 16 | LSM-CX-NR-060 |

切削丝锥 Cutting Taps



- ◆ 高耐用度
- ◆ 加工铸铁、铝合金使用寿命是普通HSS丝锥的数十倍
- ◆ 适用于CNC刚性攻丝、高速攻丝
- ◆ 最高攻丝速度可达50m/mm
- ◆ 全磨制、高精度
- ◆ 可提供各种精度匹配

螺纹铣刀 Thread Cutter



- ◆ 加工效率高，只需一周的行星运动，即可完成整断螺纹加工
- ◆ 通性强。一把刀可加工相同螺距，不同尺寸、旋向、精度的内外螺纹。
- ◆ 大大减轻切削扭矩，小功率机床亦可加工大螺纹。
- ◆ 适应范围广，几乎没有加工材料的限制



直径、刃长、角度等参数可以根据需求定制!

The parameters can be customized, such as the diameter, length and angle, etc.



定制非标准尺寸&特殊成型刀具

Special Order(Non-standard Dimension & Forming Cutting Tools)To Make

请将您的刀具图纸(DWG,PDF等文档格式)与相关使用条件一起E-mail给我们,谢谢!
Please send us your drawing files for the tool(attachment e.g.DWG,PDF,etc.),
and including necessary cutting conditions, which is sent along with an e-mail.
Thank you for your cooperation!



刃径、刃长、刃数等参数可以根据需求定制!

The parameters can be customized, such as the diameter, length and flutes, etc.

定制非标准尺寸&特殊成型刀具

Specia Order(Non-standard Dimension & Forming Cutting Tools)To Make

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and including necessary cutting conditions, which is sent along with an e-mail.
Thank you for your cooperation!



刃径、刃长、刃数等参数可以根据需求定制!

The parameters can be customized, such as the diameter, length and flutes, etc.