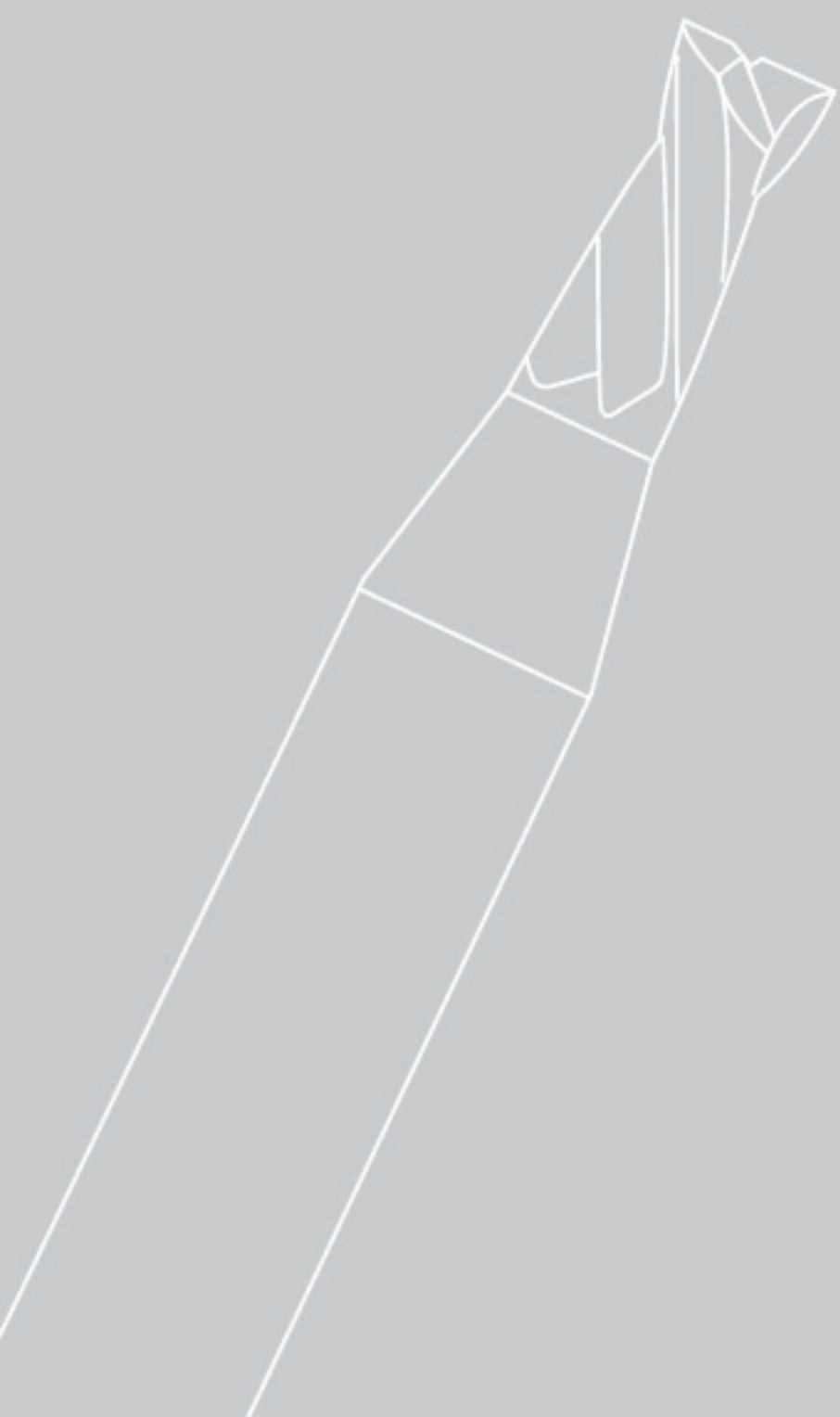


SUCO[®]

细节决定成败
DETAILS
Determine Success Or Failure



SUCO®



企业简介 >>>>>>>>

常州苏科工具有限公司是生产高品质、高精度的各种硬质合金刀具，可满足IT行业、航空、汽车、医疗、手表、模具加工等领域的要求，如碳钢、合金钢、各类铸铁、有色金属、不锈钢、钛合金等材料的加工，并承接各种非标刀具的设计与制造。

公司秉承“以人为本，敬业奉献，追求卓越”的经营理念，愿以“做一流的企业，做最好的产品”的企业精神，高效服务于世界制造业！

Changzhou SUCO tools co., LTD. Is the production of various kinds of high quality, precision carbide cutting tools, can meet the IT industry, aerospace, automotive, medical, watches, mould processing requirements, such as carbon steel, alloy steel, cast iron, non-ferrous metal, stainless steel, titanium alloy and other materials processing, and undertake the design and manufacture of various non-standard cutting tools.

Companies adhering to the "people-oriented, professional dedication, pursuit of excellence" business philosophy, is willing to "do first-class enterprise, do the best products" spirit of enterprise, efficient service in the world manufacturing industry!



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S550 微小径平刀

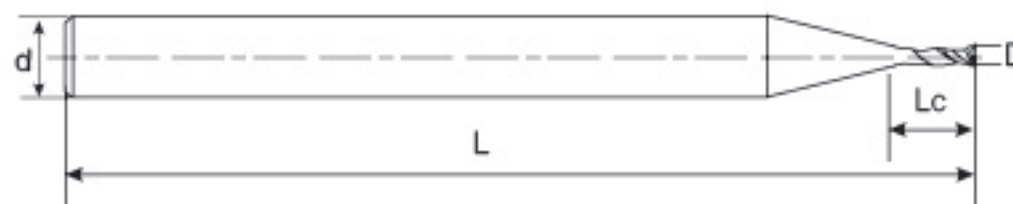
Micro path milling cutter



WC=87 Co=12 HRA=91.8 抗折=4000N/mm² 粒径=0.4 μm

| D | 公差 Tol |
|--------|------------|
| D ≤ 12 | 0 -0.02 |
| D > 12 | 0 -0.03 |

单位unit(mm)



| D | Lc | d | L |
|------|-----|---|----|
| 0.15 | 0.3 | 4 | 50 |
| 0.2 | 0.4 | 4 | 50 |
| 0.3 | 0.6 | 4 | 50 |
| 0.4 | 0.8 | 4 | 50 |
| 0.5 | 1 | 4 | 50 |
| 0.6 | 1.2 | 4 | 50 |
| 0.7 | 1.4 | 4 | 50 |
| 0.8 | 1.6 | 4 | 50 |
| 0.9 | 1.8 | 4 | 50 |

S550 微小径球刀

Micro trail spher mill



WC=87 Co=12 HRA=91.8 抗折=4000N/mm² 粒径=0.4 μm

| D | 公差 Tol |
|--------|------------|
| D ≤ 12 | 0 -0.02 |
| D > 12 | 0 -0.03 |

单位unit(mm)



| R | Lc | d | L |
|------|-----|---|----|
| 0.1 | 0.4 | 4 | 50 |
| 0.15 | 0.6 | 4 | 50 |
| 0.2 | 0.8 | 4 | 50 |
| 0.25 | 1 | 4 | 50 |
| 0.3 | 1.2 | 4 | 50 |
| 0.35 | 1.4 | 4 | 50 |
| 0.4 | 1.6 | 4 | 50 |
| 0.45 | 1.8 | 4 | 50 |



S550 微小径平刀

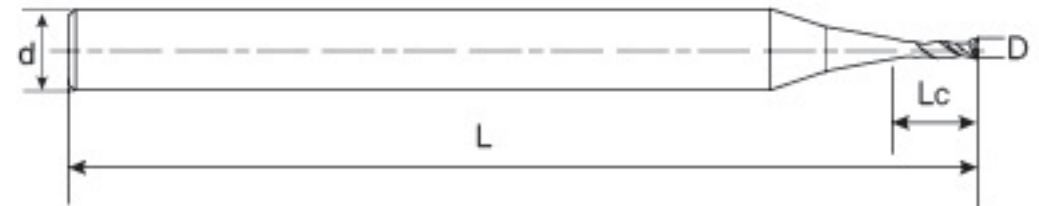
Micro path milling cutter



WC=87 Co=12 HRA=91.8 抗折=4000N/mm² 粒径=0.4 μm

| D | 公差 Tol |
|--------|------------|
| D ≤ 12 | 0 -0.02 |
| D > 12 | 0 -0.03 |

单位unit(mm)



| D | Lc | d | L |
|------|-----|---|----|
| 0.15 | 0.3 | 4 | 50 |
| 0.2 | 0.4 | 4 | 50 |
| 0.3 | 0.6 | 4 | 50 |
| 0.4 | 0.8 | 4 | 50 |
| 0.5 | 1 | 4 | 50 |
| 0.6 | 1.2 | 4 | 50 |
| 0.7 | 1.4 | 4 | 50 |
| 0.8 | 1.6 | 4 | 50 |
| 0.9 | 1.8 | 4 | 50 |

S550 微小径球刀

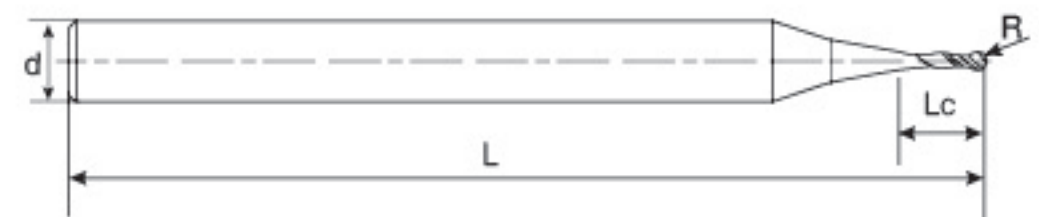
Micro trail spher mill



WC=87 Co=12 HRA=91.8 抗折=4000N/mm² 粒径=0.4 μm

| D | 公差 Tol |
|--------|------------|
| D ≤ 12 | 0 -0.02 |
| D > 12 | 0 -0.03 |

单位unit(mm)



| R | Lc | d | L |
|------|-----|---|----|
| 0.1 | 0.4 | 4 | 50 |
| 0.15 | 0.6 | 4 | 50 |
| 0.2 | 0.8 | 4 | 50 |
| 0.25 | 1 | 4 | 50 |
| 0.3 | 1.2 | 4 | 50 |
| 0.35 | 1.4 | 4 | 50 |
| 0.4 | 1.6 | 4 | 50 |
| 0.45 | 1.8 | 4 | 50 |

S580 微小径平刀

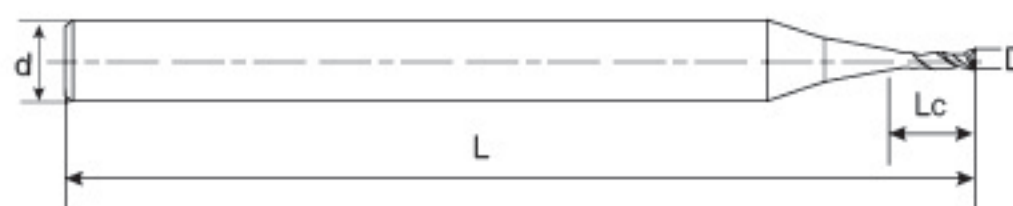
Micro path milling cutter



WC=87 Co=12 HRA=92.5 抗折=4000N/mm² 粒径=0.4 μm

| D | 公差 Tol |
|--------|------------|
| D ≤ 12 | 0 -0.02 |
| D > 12 | 0 -0.03 |

单位unit(mm)



| D | Lc | d | L |
|------|-----|---|----|
| 0.15 | 0.3 | 4 | 50 |
| 0.2 | 0.4 | 4 | 50 |
| 0.3 | 0.6 | 4 | 50 |
| 0.4 | 0.8 | 4 | 50 |
| 0.5 | 1 | 4 | 50 |
| 0.6 | 1.2 | 4 | 50 |
| 0.7 | 1.4 | 4 | 50 |
| 0.8 | 1.6 | 4 | 50 |
| 0.9 | 1.8 | 4 | 50 |

S580 微小径球刀

Micro trail spher mill



WC=87 Co=12 HRA=92.5 抗折=4000N/mm² 粒径=0.4 μm

| D | 公差 Tol |
|--------|------------|
| D ≤ 12 | 0 -0.02 |
| D > 12 | 0 -0.03 |

单位unit(mm)



| R | Lc | d | L |
|------|-----|---|----|
| 0.1 | 0.4 | 4 | 50 |
| 0.15 | 0.6 | 4 | 50 |
| 0.2 | 0.8 | 4 | 50 |
| 0.25 | 1 | 4 | 50 |
| 0.3 | 1.2 | 4 | 50 |
| 0.35 | 1.4 | 4 | 50 |
| 0.4 | 1.6 | 4 | 50 |
| 0.45 | 1.8 | 4 | 50 |



S650 微小径平刀

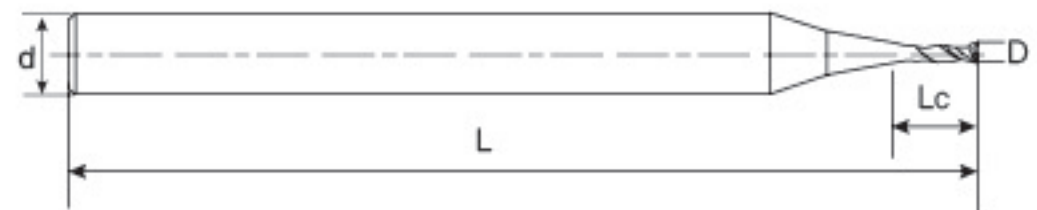
Micro path milling cutter



WC=86 Co=13 HRA=93.5 抗折=4200N/mm² 粒径=0.3 μm

| D | 公差 Tol |
|--------|------------|
| D ≤ 12 | 0 -0.02 |
| D > 12 | 0 -0.03 |

单位unit(mm)



| D | Lc | d | L |
|------|-----|---|----|
| 0.15 | 0.3 | 4 | 50 |
| 0.2 | 0.4 | 4 | 50 |
| 0.3 | 0.6 | 4 | 50 |
| 0.4 | 0.8 | 4 | 50 |
| 0.5 | 1 | 4 | 50 |
| 0.6 | 1.2 | 4 | 50 |
| 0.7 | 1.4 | 4 | 50 |
| 0.8 | 1.6 | 4 | 50 |
| 0.9 | 1.8 | 4 | 50 |

S650 微小径球刀

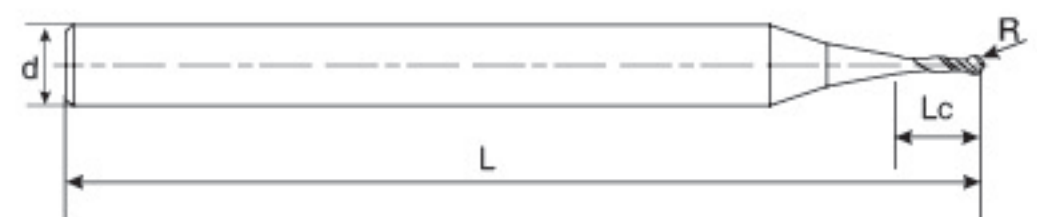
Micro trail spher mill



WC=86 Co=13 HRA=93.5 抗折=4200N/mm² 粒径=0.3 μm

| D | 公差 Tol |
|--------|------------|
| D ≤ 12 | 0 -0.02 |
| D > 12 | 0 -0.03 |

单位unit(mm)



| R | Lc | d | L |
|------|-----|---|----|
| 0.1 | 0.4 | 4 | 50 |
| 0.15 | 0.6 | 4 | 50 |
| 0.2 | 0.8 | 4 | 50 |
| 0.25 | 1 | 4 | 50 |
| 0.3 | 1.2 | 4 | 50 |
| 0.35 | 1.4 | 4 | 50 |
| 0.4 | 1.6 | 4 | 50 |
| 0.45 | 1.8 | 4 | 50 |

S550 深沟平刀

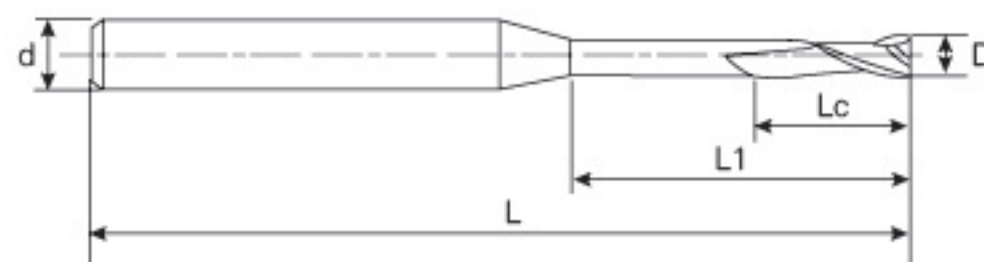
Deep groove milling cutter



WC=87 Co=12 HRA=91.8 抗折=4000N/mm² 粒径=0.4 μm

| D | 公差 Tol |
|--------|------------|
| D ≤ 12 | 0 -0.02 |
| D > 12 | 0 -0.03 |

单位unit(mm)



| D | Lc | L1 | d | L |
|-----|----|----|---|----|
| 1 | 2 | 4 | 4 | 50 |
| 1 | 2 | 6 | 4 | 50 |
| 1 | 2 | 8 | 4 | 50 |
| 1 | 2 | 10 | 4 | 50 |
| 1 | 2 | 12 | 4 | 50 |
| 1.5 | 3 | 6 | 4 | 50 |
| 1.5 | 3 | 8 | 4 | 50 |
| 1.5 | 3 | 10 | 4 | 50 |
| 1.5 | 3 | 12 | 4 | 50 |
| 1.5 | 3 | 16 | 4 | 50 |
| 2 | 4 | 6 | 4 | 50 |
| 2 | 4 | 8 | 4 | 50 |
| 2 | 4 | 10 | 4 | 50 |
| 2 | 4 | 12 | 4 | 50 |
| 2 | 4 | 16 | 4 | 50 |
| 2 | 4 | 20 | 4 | 60 |
| 2 | 4 | 25 | 4 | 60 |
| 2 | 4 | 30 | 4 | 70 |
| 3 | 6 | 10 | 6 | 50 |
| 3 | 6 | 12 | 6 | 50 |
| 3 | 6 | 16 | 6 | 60 |
| 3 | 6 | 20 | 6 | 60 |
| 3 | 6 | 25 | 6 | 70 |
| 3 | 6 | 30 | 6 | 70 |
| 4 | 8 | 12 | 6 | 60 |
| 4 | 8 | 16 | 6 | 60 |
| 4 | 8 | 20 | 6 | 70 |
| 4 | 8 | 25 | 6 | 70 |
| 4 | 8 | 30 | 6 | 80 |
| 5 | 10 | 12 | 6 | 60 |
| 5 | 10 | 16 | 6 | 60 |
| 5 | 10 | 20 | 6 | 70 |
| 5 | 10 | 25 | 6 | 70 |
| 5 | 10 | 30 | 6 | 80 |

S550 深沟球刀

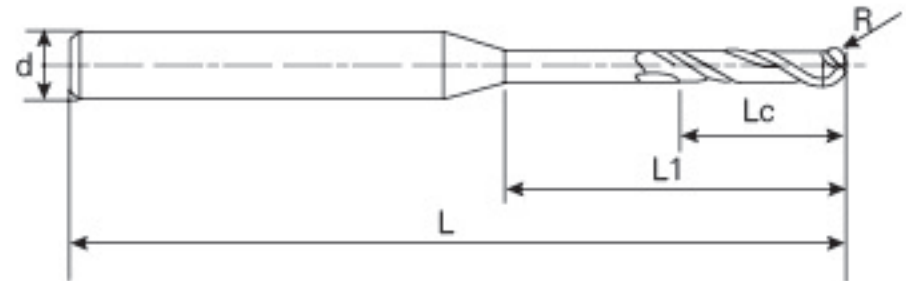
Deep groove spher mill



WC=87 Co=12 HRA=91.8 抗折=4000N/mm² 粒径=0.4 μm

| D | 公差 Tol |
|--------|------------|
| D ≤ 12 | 0 -0.02 |
| D > 12 | 0 -0.03 |

单位unit(mm)



B

| R | Lc | L1 | d | L |
|-------|----|----|---|-----|
| R0.5 | 2 | 4 | 4 | 50 |
| R0.5 | 2 | 6 | 4 | 50 |
| R0.5 | 2 | 8 | 4 | 50 |
| R0.5 | 2 | 10 | 4 | 50 |
| R0.5 | 2 | 12 | 4 | 50 |
| R0.75 | 3 | 6 | 4 | 50 |
| R0.75 | 3 | 8 | 4 | 50 |
| R0.75 | 3 | 10 | 4 | 50 |
| R0.75 | 3 | 12 | 4 | 50 |
| R1 | 4 | 6 | 4 | 50 |
| R1 | 4 | 8 | 4 | 50 |
| R1 | 4 | 10 | 4 | 50 |
| R1 | 4 | 12 | 4 | 50 |
| R1 | 4 | 16 | 4 | 50 |
| R1.5 | 6 | 8 | 6 | 50 |
| R1.5 | 6 | 10 | 6 | 50 |
| R1.5 | 6 | 12 | 6 | 50 |
| R1.5 | 6 | 16 | 6 | 60 |
| R1.5 | 6 | 20 | 6 | 60 |
| R1.5 | 6 | 25 | 6 | 70 |
| R1.5 | 6 | 30 | 6 | 70 |
| R1.5 | 6 | 35 | 6 | 80 |
| R2 | 8 | 10 | 6 | 60 |
| R2 | 8 | 12 | 6 | 60 |
| R2 | 8 | 16 | 6 | 60 |
| R2 | 8 | 20 | 6 | 70 |
| R2 | 8 | 25 | 6 | 70 |
| R2 | 8 | 30 | 6 | 80 |
| R2 | 8 | 35 | 6 | 80 |
| R2 | 8 | 40 | 6 | 90 |
| R2 | 8 | 45 | 6 | 100 |
| R2 | 8 | 50 | 6 | 100 |

S550 深沟平刀

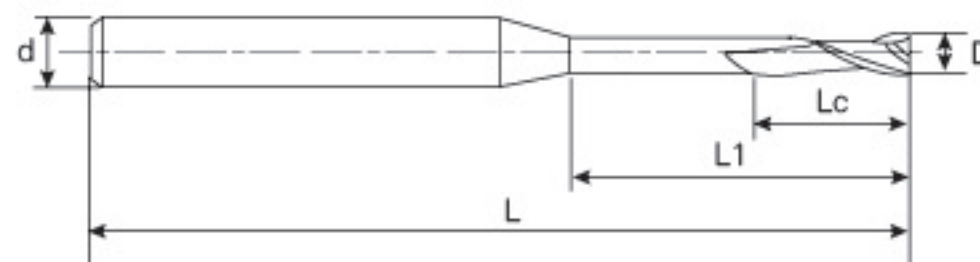
Deep groove milling cutter



WC=87 Co=12 HRA=91.8 抗折=4000N/mm² 粒径=0.4 μm

| D | 公差 Tol |
|--------|------------|
| D ≤ 12 | 0 -0.02 |
| D > 12 | 0 -0.03 |

单位unit(mm)



| D | Lc | L1 | d | L |
|-----|----|----|---|----|
| 1 | 2 | 4 | 4 | 50 |
| 1 | 2 | 6 | 4 | 50 |
| 1 | 2 | 8 | 4 | 50 |
| 1 | 2 | 10 | 4 | 50 |
| 1 | 2 | 12 | 4 | 50 |
| 1.5 | 3 | 6 | 4 | 50 |
| 1.5 | 3 | 8 | 4 | 50 |
| 1.5 | 3 | 10 | 4 | 50 |
| 1.5 | 3 | 12 | 4 | 50 |
| 1.5 | 3 | 16 | 4 | 50 |
| 2 | 4 | 6 | 4 | 50 |
| 2 | 4 | 8 | 4 | 50 |
| 2 | 4 | 10 | 4 | 50 |
| 2 | 4 | 12 | 4 | 50 |
| 2 | 4 | 16 | 4 | 50 |
| 2 | 4 | 20 | 4 | 60 |
| 2 | 4 | 25 | 4 | 60 |
| 2 | 4 | 30 | 4 | 70 |
| 3 | 6 | 10 | 6 | 50 |
| 3 | 6 | 12 | 6 | 50 |
| 3 | 6 | 16 | 6 | 60 |
| 3 | 6 | 20 | 6 | 60 |
| 3 | 6 | 25 | 6 | 70 |
| 3 | 6 | 30 | 6 | 70 |
| 4 | 8 | 12 | 6 | 60 |
| 4 | 8 | 16 | 6 | 60 |
| 4 | 8 | 20 | 6 | 70 |
| 4 | 8 | 25 | 6 | 70 |
| 4 | 8 | 30 | 6 | 80 |
| 5 | 10 | 12 | 6 | 60 |
| 5 | 10 | 16 | 6 | 60 |
| 5 | 10 | 20 | 6 | 70 |
| 5 | 10 | 25 | 6 | 70 |
| 5 | 10 | 30 | 6 | 80 |

S550 深沟球刀

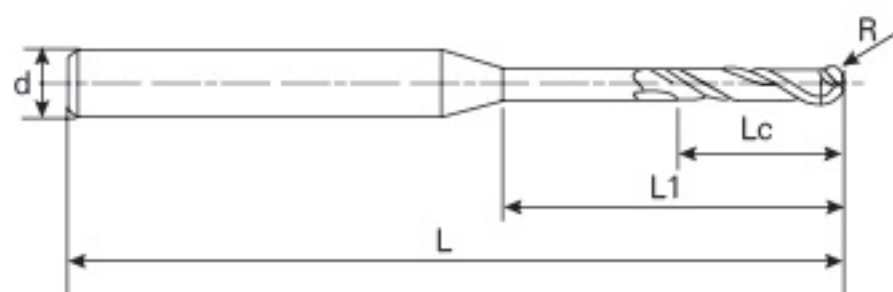
Deep groove spher mill



WC=87 Co=12 HRA=91.8 抗折=4000N/mm² 粒径=0.4 μm

| D | 公差 Tol |
|--------|------------|
| D ≤ 12 | 0 -0.02 |
| D > 12 | 0 -0.03 |

单位unit(mm)



B

| R | Lc | L1 | d | L |
|-------|----|----|---|-----|
| R0.5 | 2 | 4 | 4 | 50 |
| R0.5 | 2 | 6 | 4 | 50 |
| R0.5 | 2 | 8 | 4 | 50 |
| R0.5 | 2 | 10 | 4 | 50 |
| R0.5 | 2 | 12 | 4 | 50 |
| R0.75 | 3 | 6 | 4 | 50 |
| R0.75 | 3 | 8 | 4 | 50 |
| R0.75 | 3 | 10 | 4 | 50 |
| R0.75 | 3 | 12 | 4 | 50 |
| R1 | 4 | 6 | 4 | 50 |
| R1 | 4 | 8 | 4 | 50 |
| R1 | 4 | 10 | 4 | 50 |
| R1 | 4 | 12 | 4 | 50 |
| R1 | 4 | 16 | 4 | 50 |
| R1.5 | 6 | 8 | 6 | 50 |
| R1.5 | 6 | 10 | 6 | 50 |
| R1.5 | 6 | 12 | 6 | 50 |
| R1.5 | 6 | 16 | 6 | 60 |
| R1.5 | 6 | 20 | 6 | 60 |
| R1.5 | 6 | 25 | 6 | 70 |
| R1.5 | 6 | 30 | 6 | 70 |
| R1.5 | 6 | 35 | 6 | 80 |
| R2 | 8 | 10 | 6 | 60 |
| R2 | 8 | 12 | 6 | 60 |
| R2 | 8 | 16 | 6 | 60 |
| R2 | 8 | 20 | 6 | 70 |
| R2 | 8 | 25 | 6 | 70 |
| R2 | 8 | 30 | 6 | 80 |
| R2 | 8 | 35 | 6 | 80 |
| R2 | 8 | 40 | 6 | 90 |
| R2 | 8 | 45 | 6 | 100 |
| R2 | 8 | 50 | 6 | 100 |

S580 深沟平刀

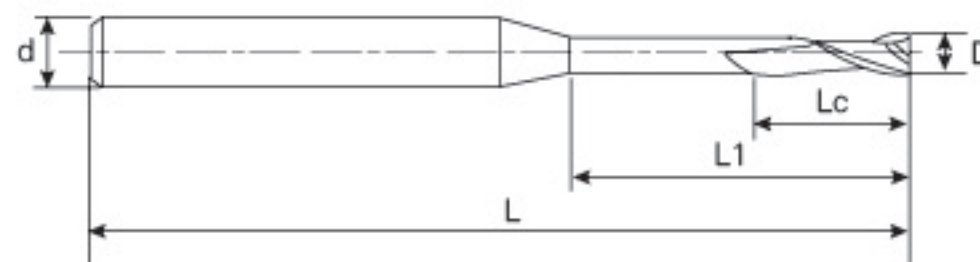
Deep groove milling cutter



WC=87 Co=12 HRA=92.5 抗折=4000N/mm² 粒径=0.4 μm

| D | 公差 Tol |
|--------|------------|
| D ≤ 12 | 0 -0.02 |
| D > 12 | 0 -0.03 |

单位unit(mm)



| D | Lc | L1 | d | L |
|-----|----|----|---|----|
| 1 | 2 | 4 | 4 | 50 |
| 1 | 2 | 6 | 4 | 50 |
| 1 | 2 | 8 | 4 | 50 |
| 1 | 2 | 10 | 4 | 50 |
| 1 | 2 | 12 | 4 | 50 |
| 1.5 | 3 | 6 | 4 | 50 |
| 1.5 | 3 | 8 | 4 | 50 |
| 1.5 | 3 | 10 | 4 | 50 |
| 1.5 | 3 | 12 | 4 | 50 |
| 1.5 | 3 | 16 | 4 | 50 |
| 2 | 4 | 6 | 4 | 50 |
| 2 | 4 | 8 | 4 | 50 |
| 2 | 4 | 10 | 4 | 50 |
| 2 | 4 | 12 | 4 | 50 |
| 2 | 4 | 16 | 4 | 50 |
| 2 | 4 | 20 | 4 | 60 |
| 2 | 4 | 25 | 4 | 60 |
| 2 | 4 | 30 | 4 | 70 |
| 3 | 6 | 10 | 6 | 50 |
| 3 | 6 | 12 | 6 | 50 |
| 3 | 6 | 16 | 6 | 60 |
| 3 | 6 | 20 | 6 | 60 |
| 3 | 6 | 25 | 6 | 70 |
| 3 | 6 | 30 | 6 | 70 |
| 4 | 8 | 12 | 6 | 60 |
| 4 | 8 | 16 | 6 | 60 |
| 4 | 8 | 20 | 6 | 70 |
| 4 | 8 | 25 | 6 | 70 |
| 4 | 8 | 30 | 6 | 80 |
| 5 | 10 | 12 | 6 | 60 |
| 5 | 10 | 16 | 6 | 60 |
| 5 | 10 | 20 | 6 | 70 |
| 5 | 10 | 25 | 6 | 70 |
| 5 | 10 | 30 | 6 | 80 |



S580 深沟球刀

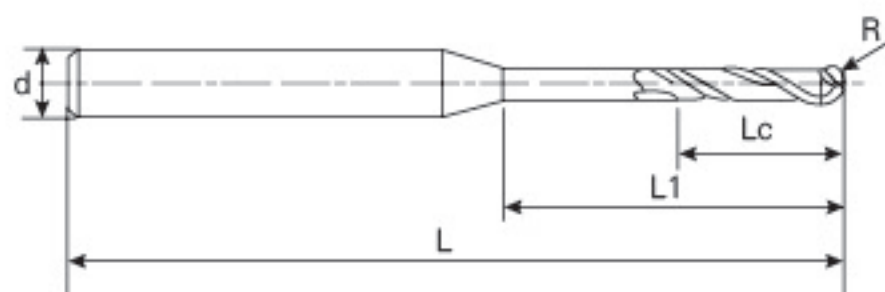
Deep groove spher mill



WC=87 Co=12 HRA=92.5 抗折=4000N/mm² 粒径=0.4 μm

| D | 公差 Tol |
|--------|------------|
| D ≤ 12 | 0 -0.02 |
| D > 12 | 0 -0.03 |

单位unit(mm)



B

| R | Lc | L1 | d | L |
|-------|----|----|---|-----|
| R0.5 | 2 | 4 | 4 | 50 |
| R0.5 | 2 | 6 | 4 | 50 |
| R0.5 | 2 | 8 | 4 | 50 |
| R0.5 | 2 | 10 | 4 | 50 |
| R0.5 | 2 | 12 | 4 | 50 |
| R0.75 | 3 | 6 | 4 | 50 |
| R0.75 | 3 | 8 | 4 | 50 |
| R0.75 | 3 | 10 | 4 | 50 |
| R0.75 | 3 | 12 | 4 | 50 |
| R1 | 4 | 6 | 4 | 50 |
| R1 | 4 | 8 | 4 | 50 |
| R1 | 4 | 10 | 4 | 50 |
| R1 | 4 | 12 | 4 | 50 |
| R1 | 4 | 16 | 4 | 50 |
| R1.5 | 6 | 8 | 6 | 50 |
| R1.5 | 6 | 10 | 6 | 50 |
| R1.5 | 6 | 12 | 6 | 50 |
| R1.5 | 6 | 16 | 6 | 60 |
| R1.5 | 6 | 20 | 6 | 60 |
| R1.5 | 6 | 25 | 6 | 70 |
| R1.5 | 6 | 30 | 6 | 70 |
| R1.5 | 6 | 35 | 6 | 80 |
| R2 | 8 | 10 | 6 | 60 |
| R2 | 8 | 12 | 6 | 60 |
| R2 | 8 | 16 | 6 | 60 |
| R2 | 8 | 20 | 6 | 70 |
| R2 | 8 | 25 | 6 | 70 |
| R2 | 8 | 30 | 6 | 80 |
| R2 | 8 | 35 | 6 | 80 |
| R2 | 8 | 40 | 6 | 90 |
| R2 | 8 | 45 | 6 | 100 |
| R2 | 8 | 50 | 6 | 100 |

S650 深沟平刀

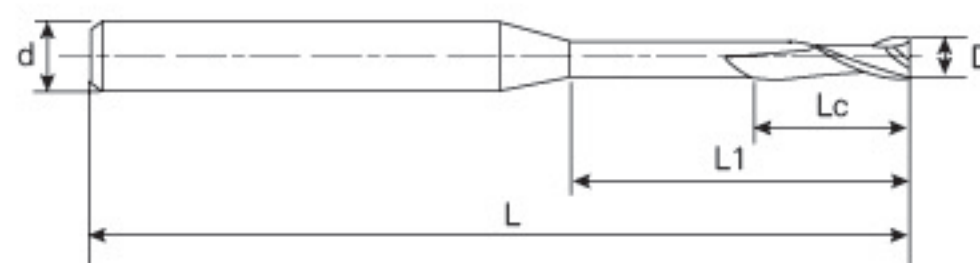
Deep groove milling cutter



WC=86 Co=13 HRA=93.5 抗折=4200N/mm² 粒径=0.3 μm

| D | 公差 Tol |
|--------|------------|
| D ≤ 12 | 0 -0.02 |
| D > 12 | 0 -0.03 |

单位unit(mm)



| D | Lc | L1 | d | L |
|-----|----|----|---|----|
| 1 | 2 | 4 | 4 | 50 |
| 1 | 2 | 6 | 4 | 50 |
| 1 | 2 | 8 | 4 | 50 |
| 1 | 2 | 10 | 4 | 50 |
| 1 | 2 | 12 | 4 | 50 |
| 1.5 | 3 | 6 | 4 | 50 |
| 1.5 | 3 | 8 | 4 | 50 |
| 1.5 | 3 | 10 | 4 | 50 |
| 1.5 | 3 | 12 | 4 | 50 |
| 1.5 | 3 | 16 | 4 | 50 |
| 2 | 4 | 6 | 4 | 50 |
| 2 | 4 | 8 | 4 | 50 |
| 2 | 4 | 10 | 4 | 50 |
| 2 | 4 | 12 | 4 | 50 |
| 2 | 4 | 16 | 4 | 50 |
| 2 | 4 | 20 | 4 | 60 |
| 2 | 4 | 25 | 4 | 60 |
| 2 | 4 | 30 | 4 | 70 |
| 3 | 6 | 10 | 6 | 50 |
| 3 | 6 | 12 | 6 | 50 |
| 3 | 6 | 16 | 6 | 60 |
| 3 | 6 | 20 | 6 | 60 |
| 3 | 6 | 25 | 6 | 70 |
| 3 | 6 | 30 | 6 | 70 |
| 4 | 8 | 12 | 6 | 60 |
| 4 | 8 | 16 | 6 | 60 |
| 4 | 8 | 20 | 6 | 70 |
| 4 | 8 | 25 | 6 | 70 |
| 4 | 8 | 30 | 6 | 80 |
| 5 | 10 | 12 | 6 | 60 |
| 5 | 10 | 16 | 6 | 60 |
| 5 | 10 | 20 | 6 | 70 |
| 5 | 10 | 25 | 6 | 70 |
| 5 | 10 | 30 | 6 | 80 |



S650 深沟球刀

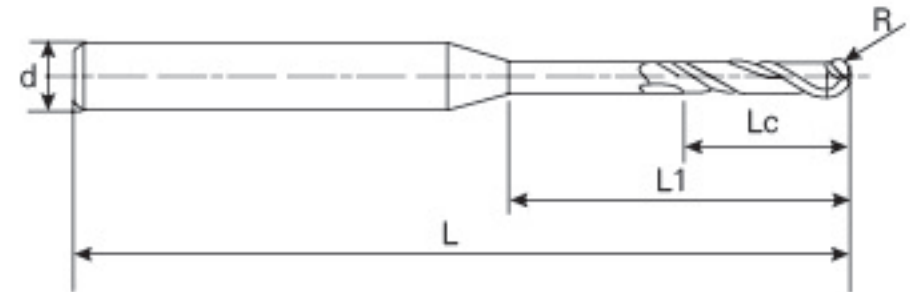
Deep groove spher mill



WC=86 Co=13 HRA=93.5 抗折=4200N/mm² 粒径=0.3 μm

| D | 公差 Tol |
|--------|------------|
| D ≤ 12 | 0 -0.02 |
| D > 12 | 0 -0.03 |

单位unit(mm)



| R | Lc | L1 | d | L |
|-------|----|----|---|-----|
| R0.5 | 2 | 4 | 4 | 50 |
| R0.5 | 2 | 6 | 4 | 50 |
| R0.5 | 2 | 8 | 4 | 50 |
| R0.5 | 2 | 10 | 4 | 50 |
| R0.5 | 2 | 12 | 4 | 50 |
| R0.75 | 3 | 6 | 4 | 50 |
| R0.75 | 3 | 8 | 4 | 50 |
| R0.75 | 3 | 10 | 4 | 50 |
| R0.75 | 3 | 12 | 4 | 50 |
| R1 | 4 | 6 | 4 | 50 |
| R1 | 4 | 8 | 4 | 50 |
| R1 | 4 | 10 | 4 | 50 |
| R1 | 4 | 12 | 4 | 50 |
| R1 | 4 | 16 | 4 | 50 |
| R1.5 | 6 | 8 | 6 | 50 |
| R1.5 | 6 | 10 | 6 | 50 |
| R1.5 | 6 | 12 | 6 | 50 |
| R1.5 | 6 | 16 | 6 | 60 |
| R1.5 | 6 | 20 | 6 | 60 |
| R1.5 | 6 | 25 | 6 | 70 |
| R1.5 | 6 | 30 | 6 | 70 |
| R1.5 | 6 | 35 | 6 | 80 |
| R2 | 8 | 10 | 6 | 60 |
| R2 | 8 | 12 | 6 | 60 |
| R2 | 8 | 16 | 6 | 60 |
| R2 | 8 | 20 | 6 | 70 |
| R2 | 8 | 25 | 6 | 70 |
| R2 | 8 | 30 | 6 | 80 |
| R2 | 8 | 35 | 6 | 80 |
| R2 | 8 | 40 | 6 | 90 |
| R2 | 8 | 45 | 6 | 100 |
| R2 | 8 | 50 | 6 | 100 |

B

S480 二刃平刀

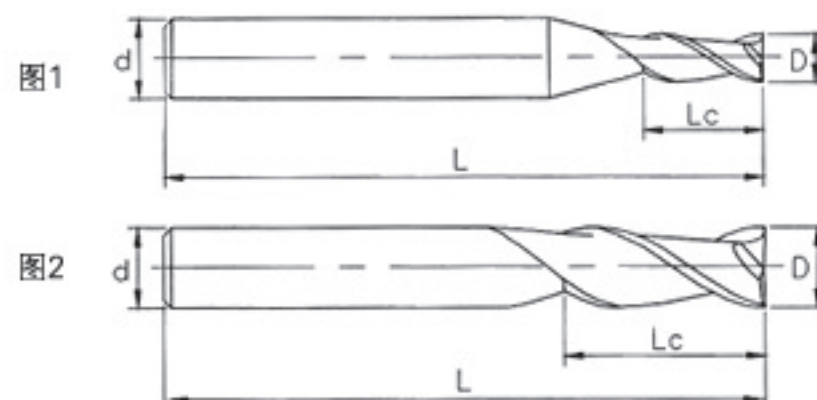
2 Flute, Standard Length



WC=90 Co=10 HRA=91.2 抗折=3800N/mm² 粒径=0.6 μm

| D | 公差 Tol |
|--------|------------|
| D ≤ 12 | 0 -0.02 |
| D > 12 | 0 -0.03 |

单位unit(mm)



| D | Lc | d | L | 图号 Figure No. |
|-----|----|----|-----|------------------|
| 1 | 3 | 3 | 50 | 图1 |
| 1.5 | 4 | 3 | 50 | 图1 |
| 2 | 6 | 3 | 50 | 图1 |
| 2.5 | 7 | 3 | 50 | 图1 |
| 3 | 8 | 3 | 50 | 图2 |
| 1 | 3 | 4 | 50 | 图1 |
| 1.5 | 4 | 4 | 50 | 图1 |
| 2 | 6 | 4 | 50 | 图1 |
| 2.5 | 7 | 4 | 50 | 图1 |
| 3 | 8 | 4 | 50 | 图1 |
| 3.5 | 10 | 4 | 50 | 图1 |
| 4 | 11 | 4 | 50 | 图2 |
| 1 | 3 | 6 | 50 | 图1 |
| 1.5 | 4 | 6 | 50 | 图1 |
| 2 | 6 | 6 | 50 | 图1 |
| 2.5 | 7 | 6 | 50 | 图1 |
| 3 | 8 | 6 | 50 | 图1 |
| 3.5 | 10 | 6 | 50 | 图1 |
| 4 | 11 | 6 | 50 | 图1 |
| 5 | 13 | 6 | 50 | 图1 |
| 6 | 15 | 6 | 50 | 图2 |
| 7 | 18 | 8 | 60 | 图1 |
| 8 | 20 | 8 | 60 | 图2 |
| 9 | 22 | 10 | 75 | 图1 |
| 10 | 25 | 10 | 75 | 图2 |
| 11 | 30 | 12 | 75 | 图1 |
| 12 | 30 | 12 | 75 | 图2 |
| 14 | 40 | 14 | 100 | 图2 |
| 16 | 40 | 16 | 100 | 图2 |
| 18 | 45 | 18 | 100 | 图2 |
| 20 | 45 | 20 | 100 | 图2 |
| 25 | 50 | 25 | 100 | 图2 |



S480 四刃平刀

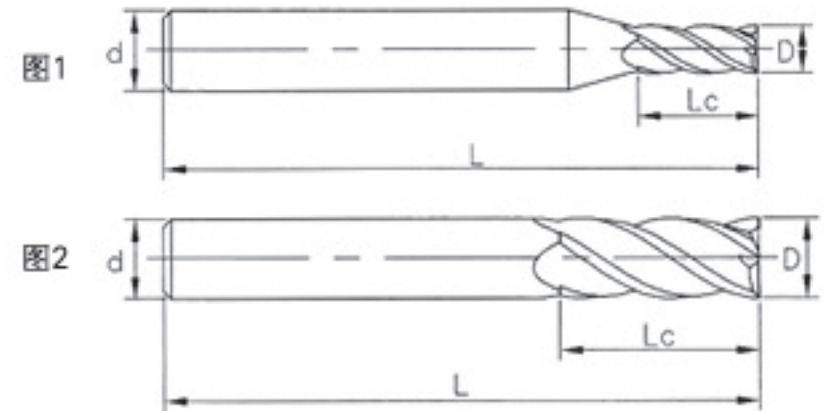
4 Flute, Standard Length



WC=90 Co=10 HRA=91.2 抗折=3800N/mm² 粒径=0.6 μm

| D | 公差 Tol |
|--------|------------|
| D ≤ 12 | 0 -0.02 |
| D > 12 | 0 -0.03 |

单位unit(mm)



| D | Lc | d | L | 图号 Figure No. |
|-----|----|----|-----|------------------|
| 1 | 3 | 3 | 50 | 图1 |
| 1.5 | 4 | 3 | 50 | 图1 |
| 2 | 6 | 3 | 50 | 图1 |
| 2.5 | 7 | 3 | 50 | 图1 |
| 3 | 8 | 3 | 50 | 图2 |
| 1 | 3 | 4 | 50 | 图1 |
| 1.5 | 4 | 4 | 50 | 图1 |
| 2 | 6 | 4 | 50 | 图1 |
| 2.5 | 7 | 4 | 50 | 图1 |
| 3 | 8 | 4 | 50 | 图1 |
| 3.5 | 10 | 4 | 50 | 图1 |
| 4 | 11 | 4 | 50 | 图2 |
| 1 | 3 | 6 | 50 | 图1 |
| 1.5 | 4 | 6 | 50 | 图1 |
| 2 | 6 | 6 | 50 | 图1 |
| 2.5 | 7 | 6 | 50 | 图1 |
| 3 | 8 | 6 | 50 | 图1 |
| 3.5 | 10 | 6 | 50 | 图1 |
| 4 | 11 | 6 | 50 | 图1 |
| 5 | 13 | 6 | 50 | 图1 |
| 6 | 15 | 6 | 50 | 图2 |
| 7 | 18 | 8 | 60 | 图1 |
| 8 | 20 | 8 | 60 | 图2 |
| 9 | 22 | 10 | 75 | 图1 |
| 10 | 25 | 10 | 75 | 图2 |
| 11 | 30 | 12 | 75 | 图1 |
| 12 | 30 | 12 | 75 | 图2 |
| 14 | 40 | 14 | 100 | 图2 |
| 16 | 40 | 16 | 100 | 图2 |
| 18 | 45 | 18 | 100 | 图2 |
| 20 | 45 | 20 | 100 | 图2 |
| 25 | 50 | 25 | 100 | 图2 |



S480 二刃球刀

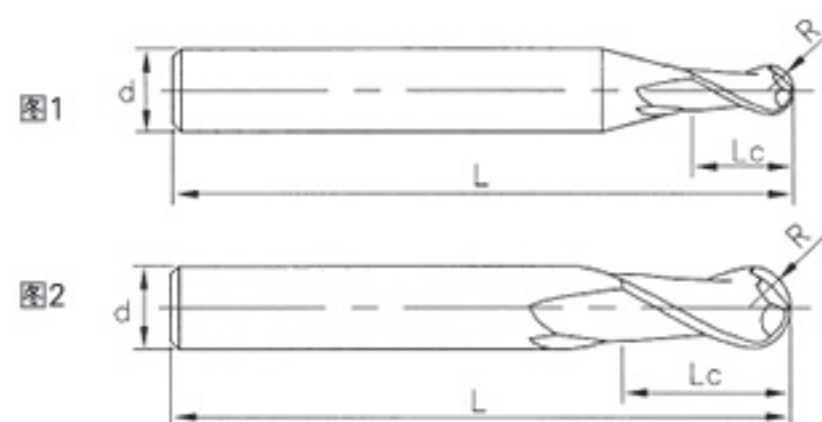
2 Flute, Ballnose



WC=90 Co=10 HRA=91.2 抗折=3800N/mm² 粒径=0.6 μm

| D | 公差 Tol |
|--------|------------|
| D ≤ 12 | 0 -0.02 |
| D > 12 | 0 -0.03 |

单位unit(mm)



| R | Lc | d | L | 图号 Figure No. |
|------|----|----|-----|------------------|
| 0.5 | 2 | 3 | 50 | 图1 |
| 0.5 | 2 | 4 | 50 | 图1 |
| 0.75 | 3 | 3 | 50 | 图1 |
| 0.75 | 3 | 4 | 50 | 图1 |
| 1 | 4 | 3 | 50 | 图1 |
| 1 | 4 | 4 | 50 | 图1 |
| 1.25 | 5 | 3 | 50 | 图1 |
| 1.25 | 5 | 4 | 50 | 图1 |
| 1.5 | 6 | 3 | 50 | 图2 |
| 1.5 | 6 | 4 | 50 | 图1 |
| 1.75 | 7 | 4 | 50 | 图1 |
| 2 | 8 | 4 | 50 | 图2 |
| 0.5 | 2 | 6 | 50 | 图1 |
| 0.75 | 3 | 6 | 50 | 图1 |
| 1 | 4 | 6 | 50 | 图1 |
| 1.25 | 5 | 6 | 50 | 图1 |
| 1.5 | 6 | 6 | 50 | 图1 |
| 1.75 | 7 | 6 | 50 | 图1 |
| 2 | 8 | 6 | 50 | 图1 |
| 2.25 | 9 | 6 | 50 | 图1 |
| 2.5 | 10 | 6 | 50 | 图1 |
| 2.75 | 11 | 6 | 50 | 图1 |
| 3 | 12 | 6 | 50 | 图2 |
| 3.5 | 14 | 8 | 60 | 图1 |
| 4 | 16 | 8 | 60 | 图2 |
| 4.5 | 18 | 10 | 75 | 图1 |
| 5 | 20 | 10 | 75 | 图2 |
| 5.5 | 22 | 12 | 75 | 图1 |
| 6 | 24 | 12 | 75 | 图2 |
| 7 | 28 | 14 | 100 | 图2 |
| 8 | 32 | 16 | 100 | 图2 |
| 9 | 36 | 18 | 100 | 图2 |
| 10 | 40 | 20 | 100 | 图2 |



S480 四刃球刀

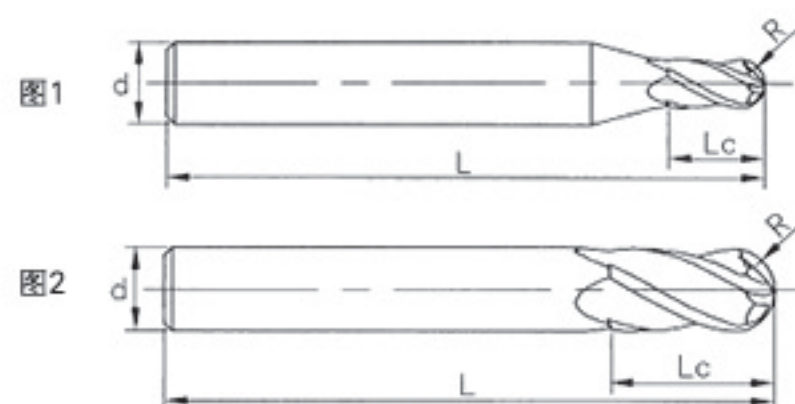
4 Flute, Ballnose



WC=90 Co=10 HRA=91.2 抗折=3800N/mm² 粒径=0.6 μm

| D | 公差 Tol |
|--------|------------|
| D ≤ 12 | 0 -0.02 |
| D > 12 | 0 -0.03 |

单位unit(mm)



| R | Lc | d | L | 图号 Figure No. |
|------|----|----|-----|------------------|
| 0.5 | 2 | 3 | 50 | 图1 |
| 0.5 | 2 | 4 | 50 | 图1 |
| 0.75 | 3 | 3 | 50 | 图1 |
| 0.75 | 3 | 4 | 50 | 图1 |
| 1 | 4 | 3 | 50 | 图1 |
| 1 | 4 | 4 | 50 | 图1 |
| 1.25 | 5 | 3 | 50 | 图1 |
| 1.25 | 5 | 4 | 50 | 图1 |
| 1.5 | 6 | 3 | 50 | 图2 |
| 1.5 | 6 | 4 | 50 | 图1 |
| 1.75 | 7 | 4 | 50 | 图1 |
| 2 | 8 | 4 | 50 | 图2 |
| 0.5 | 2 | 6 | 50 | 图1 |
| 0.75 | 3 | 6 | 50 | 图1 |
| 1 | 4 | 6 | 50 | 图1 |
| 1.25 | 5 | 6 | 50 | 图1 |
| 1.5 | 6 | 6 | 50 | 图1 |
| 1.75 | 7 | 6 | 50 | 图1 |
| 2 | 8 | 6 | 50 | 图1 |
| 2.25 | 9 | 6 | 50 | 图1 |
| 2.5 | 10 | 6 | 50 | 图1 |
| 2.75 | 11 | 6 | 50 | 图1 |
| 3 | 12 | 6 | 50 | 图2 |
| 3.5 | 14 | 8 | 60 | 图1 |
| 4 | 16 | 8 | 60 | 图2 |
| 4.5 | 18 | 10 | 75 | 图1 |
| 5 | 20 | 10 | 75 | 图2 |
| 5.5 | 22 | 12 | 75 | 图1 |
| 6 | 24 | 12 | 75 | 图2 |
| 7 | 28 | 14 | 100 | 图2 |
| 8 | 32 | 16 | 100 | 图2 |
| 9 | 36 | 18 | 100 | 图2 |
| 10 | 40 | 20 | 100 | 图2 |

S480 二刃圆鼻刀

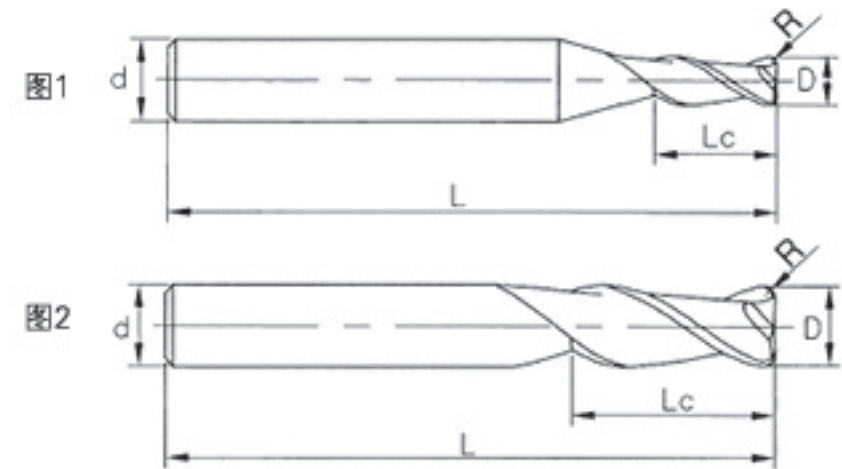
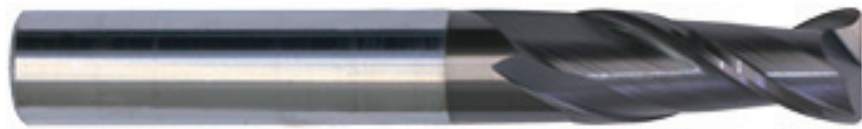
2 Flute, Corner Radius



WC=90 Co=10 HRA=91.2 抗折=3800N/mm² 粒径=0.6 μm

| D | 公差 Tol |
|--------|------------|
| D ≤ 12 | 0 -0.02 |
| D > 12 | 0 -0.03 |

单位unit(mm)



| D | R | Lc | d | L | 图号 Figure No. |
|-----|-----|----|---|----|------------------|
| 1 | 0.1 | 3 | 4 | 50 | 图1 |
| 1 | 0.2 | 3 | 4 | 50 | 图1 |
| 1 | 0.3 | 3 | 4 | 50 | 图1 |
| 1.5 | 0.2 | 4 | 4 | 50 | 图1 |
| 1.5 | 0.3 | 4 | 4 | 50 | 图1 |
| 2 | 0.2 | 6 | 4 | 50 | 图1 |
| 2 | 0.3 | 6 | 4 | 50 | 图1 |
| 2 | 0.5 | 6 | 4 | 50 | 图1 |
| 2.5 | 0.2 | 7 | 4 | 50 | 图1 |
| 3 | 0.2 | 8 | 3 | 50 | 图2 |
| 3 | 0.3 | 8 | 3 | 50 | 图2 |
| 3 | 0.5 | 8 | 3 | 50 | 图2 |
| 3 | 1 | 8 | 3 | 50 | 图2 |
| 3 | 0.2 | 8 | 4 | 50 | 图1 |
| 3 | 0.3 | 8 | 4 | 50 | 图1 |
| 3 | 0.5 | 8 | 4 | 50 | 图1 |
| 3 | 1 | 8 | 4 | 50 | 图1 |
| 4 | 0.2 | 10 | 4 | 50 | 图2 |
| 4 | 0.3 | 10 | 4 | 50 | 图2 |
| 4 | 0.5 | 10 | 4 | 50 | 图2 |
| 4 | 1 | 10 | 4 | 50 | 图2 |
| 4 | 1.5 | 10 | 4 | 50 | 图2 |
| 5 | 0.2 | 13 | 6 | 50 | 图1 |
| 5 | 0.3 | 13 | 6 | 50 | 图1 |
| 5 | 0.5 | 13 | 6 | 50 | 图1 |
| 5 | 1 | 13 | 6 | 50 | 图1 |
| 6 | 0.2 | 15 | 6 | 50 | 图2 |
| 6 | 0.3 | 15 | 6 | 50 | 图2 |
| 6 | 0.5 | 15 | 6 | 50 | 图2 |
| 6 | 1 | 15 | 6 | 50 | 图2 |
| 6 | 1.5 | 15 | 6 | 50 | 图2 |
| 6 | 2 | 15 | 6 | 50 | 图2 |

| D | R | Lc | d | L | 图号 Figure No. |
|----|-----|----|----|----|------------------|
| 8 | 0.3 | 20 | 8 | 60 | 图2 |
| 8 | 0.5 | 20 | 8 | 60 | 图2 |
| 8 | 1 | 20 | 8 | 60 | 图2 |
| 8 | 1.5 | 20 | 8 | 60 | 图2 |
| 8 | 2 | 20 | 8 | 60 | 图2 |
| 8 | 2.5 | 20 | 8 | 60 | 图2 |
| 8 | 3 | 20 | 8 | 60 | 图2 |
| 10 | 0.3 | 25 | 10 | 75 | 图2 |
| 10 | 0.5 | 25 | 10 | 75 | 图2 |
| 10 | 1 | 25 | 10 | 75 | 图2 |
| 10 | 1.5 | 25 | 10 | 75 | 图2 |
| 10 | 2 | 25 | 10 | 75 | 图2 |
| 10 | 2.5 | 25 | 10 | 75 | 图2 |
| 10 | 3 | 25 | 10 | 75 | 图2 |
| 12 | 0.3 | 30 | 12 | 75 | 图2 |
| 12 | 0.5 | 30 | 12 | 75 | 图2 |
| 12 | 1 | 30 | 12 | 75 | 图2 |
| 12 | 1.5 | 30 | 12 | 75 | 图2 |
| 12 | 2 | 30 | 12 | 75 | 图2 |
| 12 | 2.5 | 30 | 12 | 75 | 图2 |
| 12 | 3 | 30 | 12 | 75 | 图2 |



S480 四刃圆鼻刀

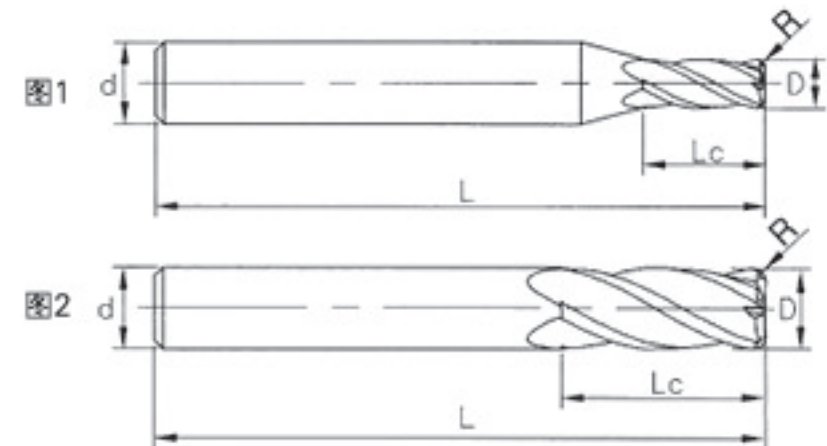
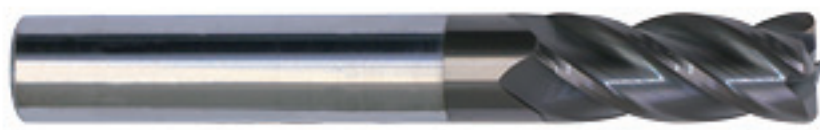
4 Flute, Corner Radius



WC=90 Co=10 HRA=91.2 抗折=3800N/mm² 粒径=0.6 μm

| D | 公差 Tol |
|--------|------------|
| D ≤ 12 | 0 -0.02 |
| D > 12 | 0 -0.03 |

单位unit(mm)



| D | R | Lc | d | L | 图号 Figure No. |
|-----|-----|----|---|----|------------------|
| 1 | 0.1 | 3 | 4 | 50 | 图1 |
| 1 | 0.2 | 3 | 4 | 50 | 图1 |
| 1 | 0.3 | 3 | 4 | 50 | 图1 |
| 1.5 | 0.2 | 4 | 4 | 50 | 图1 |
| 1.5 | 0.3 | 4 | 4 | 50 | 图1 |
| 2 | 0.2 | 6 | 4 | 50 | 图1 |
| 2 | 0.3 | 6 | 4 | 50 | 图1 |
| 2 | 0.5 | 6 | 4 | 50 | 图1 |
| 2.5 | 0.2 | 7 | 4 | 50 | 图1 |
| 3 | 0.2 | 8 | 3 | 50 | 图2 |
| 3 | 0.3 | 8 | 3 | 50 | 图2 |
| 3 | 0.5 | 8 | 3 | 50 | 图2 |
| 3 | 1 | 8 | 3 | 50 | 图2 |
| 3 | 0.2 | 8 | 4 | 50 | 图1 |
| 3 | 0.3 | 8 | 4 | 50 | 图1 |
| 3 | 0.5 | 8 | 4 | 50 | 图1 |
| 3 | 1 | 8 | 4 | 50 | 图1 |
| 4 | 0.2 | 10 | 4 | 50 | 图2 |
| 4 | 0.3 | 10 | 4 | 50 | 图2 |
| 4 | 0.5 | 10 | 4 | 50 | 图2 |
| 4 | 1 | 10 | 4 | 50 | 图2 |
| 4 | 1.5 | 10 | 4 | 50 | 图2 |
| 5 | 0.2 | 13 | 6 | 50 | 图1 |
| 5 | 0.3 | 13 | 6 | 50 | 图1 |
| 5 | 0.5 | 13 | 6 | 50 | 图1 |
| 5 | 1 | 13 | 6 | 50 | 图1 |
| 6 | 0.2 | 15 | 6 | 50 | 图2 |
| 6 | 0.3 | 15 | 6 | 50 | 图2 |
| 6 | 0.5 | 15 | 6 | 50 | 图2 |
| 6 | 1 | 15 | 6 | 50 | 图2 |
| 6 | 1.5 | 15 | 6 | 50 | 图2 |
| 6 | 2 | 15 | 6 | 50 | 图2 |

| D | R | Lc | d | L | 图号 Figure No. |
|----|-----|----|----|----|------------------|
| 8 | 0.3 | 20 | 8 | 60 | 图2 |
| 8 | 0.5 | 20 | 8 | 60 | 图2 |
| 8 | 1 | 20 | 8 | 60 | 图2 |
| 8 | 1.5 | 20 | 8 | 60 | 图2 |
| 8 | 2 | 20 | 8 | 60 | 图2 |
| 8 | 2.5 | 20 | 8 | 60 | 图2 |
| 8 | 3 | 20 | 8 | 60 | 图2 |
| 10 | 0.3 | 25 | 10 | 75 | 图2 |
| 10 | 0.5 | 25 | 10 | 75 | 图2 |
| 10 | 1 | 25 | 10 | 75 | 图2 |
| 10 | 1.5 | 25 | 10 | 75 | 图2 |
| 10 | 2 | 25 | 10 | 75 | 图2 |
| 10 | 2.5 | 25 | 10 | 75 | 图2 |
| 10 | 3 | 25 | 10 | 75 | 图2 |
| 12 | 0.3 | 30 | 12 | 75 | 图2 |
| 12 | 0.5 | 30 | 12 | 75 | 图2 |
| 12 | 1 | 30 | 12 | 75 | 图2 |
| 12 | 1.5 | 30 | 12 | 75 | 图2 |
| 12 | 2 | 30 | 12 | 75 | 图2 |
| 12 | 2.5 | 30 | 12 | 75 | 图2 |
| 12 | 3 | 30 | 12 | 75 | 图2 |

S480 二刃加长平刀

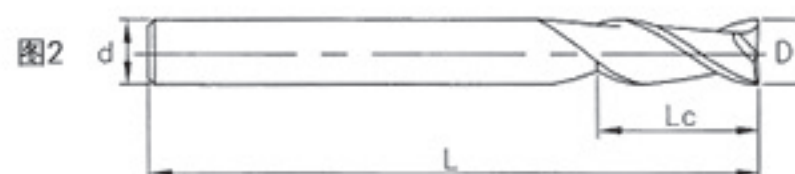
2 Flute, with long Shank Length



WC=90 Co=10 HRA=91.2 抗折=3800N/mm² 粒径=0.6 μm

| D | 公差 Tol |
|--------|------------|
| D ≤ 12 | 0 -0.02 |
| D > 12 | 0 -0.03 |

单位unit(mm)



| D | Lc | d | L | 图号 Figure No. |
|----|----|----|-----|------------------|
| 3 | 12 | 4 | 75 | 图1 |
| 4 | 14 | 4 | 75 | 图2 |
| 5 | 18 | 6 | 75 | 图1 |
| 6 | 21 | 6 | 75 | 图2 |
| 8 | 28 | 8 | 75 | 图1 |
| 3 | 12 | 4 | 100 | 图2 |
| 4 | 16 | 4 | 100 | 图1 |
| 5 | 20 | 6 | 100 | 图2 |
| 6 | 24 | 6 | 100 | 图2 |
| 8 | 32 | 8 | 100 | 图2 |
| 10 | 40 | 10 | 100 | 图2 |
| 12 | 45 | 12 | 100 | 图2 |
| 6 | 45 | 6 | 150 | 图2 |
| 8 | 50 | 8 | 150 | 图2 |
| 10 | 55 | 10 | 150 | 图2 |
| 12 | 60 | 12 | 150 | 图2 |
| 16 | 65 | 16 | 150 | 图2 |
| 20 | 75 | 20 | 150 | 图2 |
| 25 | 75 | 25 | 150 | 图2 |

S480 四刃加长平刀

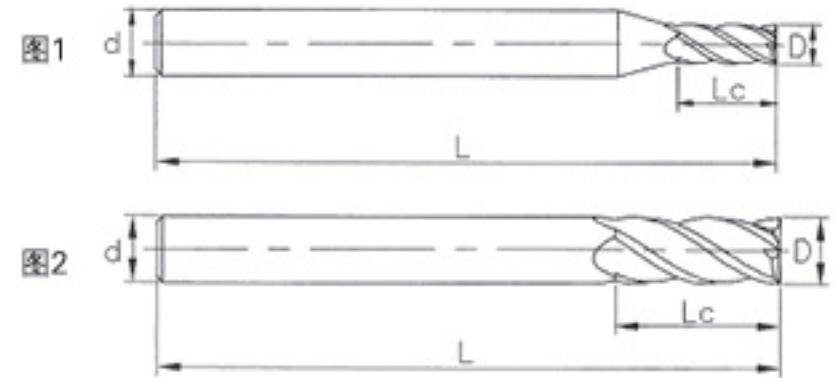
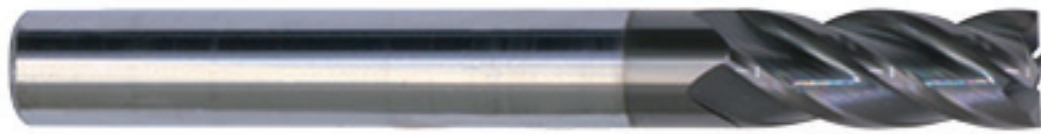
4 Flute, with long Shank Length



WC=90 Co=10 HRA=91.2 抗折=3800N/mm² 粒径=0.6 μm

| D | 公差 Tol |
|--------|------------|
| D ≤ 12 | 0 -0.02 |
| D > 12 | 0 -0.03 |

单位unit(mm)



| D | Lc | d | L | 图号 Figure No. |
|----|----|----|-----|------------------|
| 3 | 12 | 4 | 75 | 图1 |
| 4 | 14 | 4 | 75 | 图2 |
| 5 | 18 | 6 | 75 | 图1 |
| 6 | 21 | 6 | 75 | 图2 |
| 8 | 28 | 8 | 75 | 图1 |
| 3 | 12 | 4 | 100 | 图2 |
| 4 | 16 | 4 | 100 | 图1 |
| 5 | 20 | 6 | 100 | 图2 |
| 6 | 24 | 6 | 100 | 图2 |
| 8 | 32 | 8 | 100 | 图2 |
| 10 | 40 | 10 | 100 | 图2 |
| 12 | 45 | 12 | 100 | 图2 |
| 6 | 45 | 6 | 150 | 图2 |
| 8 | 50 | 8 | 150 | 图2 |
| 10 | 55 | 10 | 150 | 图2 |
| 12 | 60 | 12 | 150 | 图2 |
| 16 | 65 | 16 | 150 | 图2 |
| 20 | 75 | 20 | 150 | 图2 |
| 25 | 75 | 25 | 150 | 图2 |



S480 二刃加长球刀

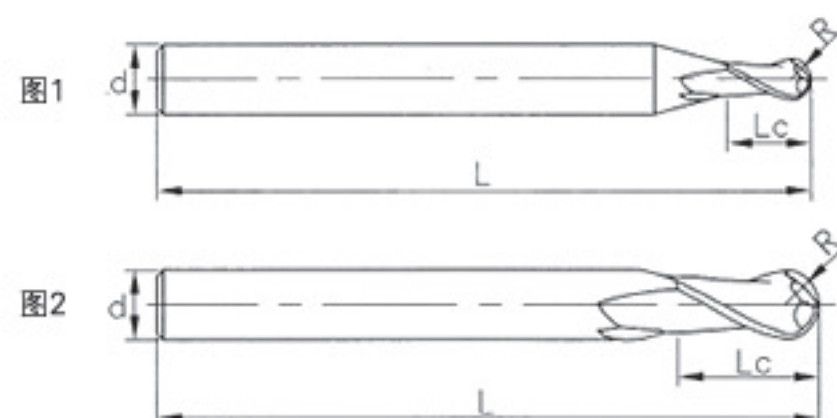
2 Flute Ballnose,,with long shank length



WC=90 Co=10 HRA=91.2 抗折=3800N/mm² 粒径=0.6 μ m

| D | 公差 Tol |
|--------|------------|
| D ≤ 12 | 0 -0.02 |
| D > 12 | 0 -0.03 |

单位unit(mm)



| R | Lc | d | L | 图号 Figure No. |
|------|----|----|-----|------------------|
| 0.5 | 2 | 6 | 75 | 图1 |
| 0.5 | 2 | 6 | 100 | 图1 |
| 0.75 | 3 | 6 | 75 | 图1 |
| 0.75 | 3 | 6 | 100 | 图1 |
| 1 | 4 | 6 | 75 | 图1 |
| 1 | 4 | 6 | 100 | 图1 |
| 1.25 | 5 | 6 | 75 | 图1 |
| 1.25 | 5 | 6 | 100 | 图1 |
| 1.5 | 6 | 6 | 75 | 图1 |
| 1.5 | 6 | 6 | 100 | 图1 |
| 1.75 | 7 | 6 | 100 | 图1 |
| 2 | 8 | 6 | 75 | 图1 |
| 2 | 8 | 6 | 100 | 图1 |
| 2.5 | 10 | 6 | 75 | 图1 |
| 2.5 | 10 | 6 | 100 | 图1 |
| 3 | 12 | 6 | 75 | 图2 |
| 3 | 12 | 6 | 100 | 图2 |
| 3 | 12 | 6 | 150 | 图2 |
| 4 | 16 | 8 | 75 | 图2 |
| 4 | 16 | 8 | 100 | 图2 |
| 4 | 16 | 8 | 150 | 图2 |
| 5 | 20 | 10 | 100 | 图2 |
| 5 | 20 | 10 | 150 | 图2 |
| 6 | 24 | 12 | 100 | 图2 |
| 6 | 24 | 12 | 150 | 图2 |
| 7 | 28 | 14 | 150 | 图2 |
| 8 | 32 | 16 | 150 | 图2 |
| 9 | 36 | 18 | 150 | 图2 |
| 10 | 40 | 20 | 150 | 图2 |



S480 四刃加长球刀

4 Flute Ballnose, with Long Shank Length



WC=90 Co=10 HRA=91.2 抗折=3800N/mm² 粒径=0.6 μm

| D | 公差 Tol |
|--------|------------|
| D ≤ 12 | 0 -0.02 |
| D > 12 | 0 -0.03 |

单位unit(mm)



| R | Lc | d | L | 图号 Figure No. |
|------|----|----|-----|------------------|
| 0.5 | 2 | 6 | 75 | 图1 |
| 0.5 | 2 | 6 | 100 | 图1 |
| 0.75 | 3 | 6 | 75 | 图1 |
| 0.75 | 3 | 6 | 100 | 图1 |
| 1 | 4 | 6 | 75 | 图1 |
| 1 | 4 | 6 | 100 | 图1 |
| 1.25 | 5 | 6 | 75 | 图1 |
| 1.25 | 5 | 6 | 100 | 图1 |
| 1.5 | 6 | 6 | 75 | 图1 |
| 1.5 | 6 | 6 | 100 | 图1 |
| 1.75 | 7 | 6 | 100 | 图1 |
| 2 | 8 | 6 | 75 | 图1 |
| 2 | 8 | 6 | 100 | 图1 |
| 2.5 | 10 | 6 | 75 | 图1 |
| 2.5 | 10 | 6 | 100 | 图1 |
| 3 | 12 | 6 | 75 | 图2 |
| 3 | 12 | 6 | 100 | 图2 |
| 3 | 12 | 6 | 150 | 图2 |
| 4 | 16 | 8 | 75 | 图2 |
| 4 | 16 | 8 | 100 | 图2 |
| 4 | 16 | 8 | 150 | 图2 |
| 5 | 20 | 10 | 100 | 图2 |
| 5 | 20 | 10 | 150 | 图2 |
| 6 | 24 | 12 | 100 | 图2 |
| 6 | 24 | 12 | 150 | 图2 |
| 7 | 28 | 14 | 150 | 图2 |
| 8 | 32 | 16 | 150 | 图2 |
| 9 | 36 | 18 | 150 | 图2 |
| 10 | 40 | 20 | 150 | 图2 |

S480 二刃加长圆鼻刀

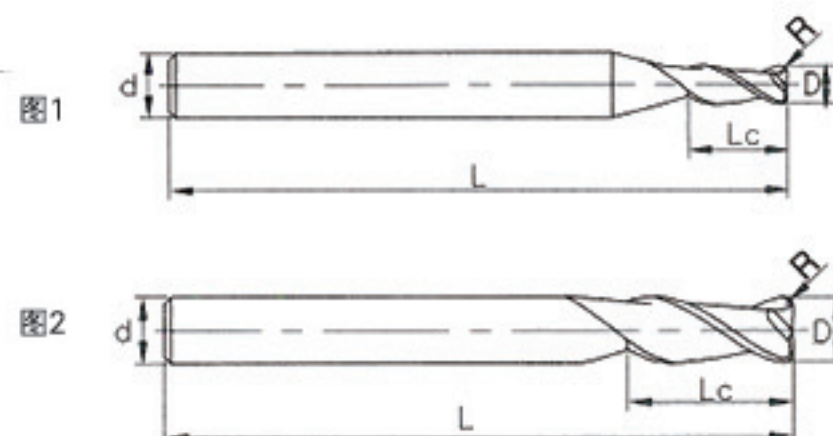
2 Flute Corner Radius, with Long Shank Length



WC=90 Co=10 HRA=91.2 抗折=3800N/mm² 粒径=0.6 μm

| D | 公差 Tol |
|--------|------------|
| D ≤ 12 | 0 -0.02 |
| D > 12 | 0 -0.03 |

单位unit(mm)



| D | R | Lc | d | L | 图号 Figure No. |
|----|-----|----|----|-----|------------------|
| 3 | 0.3 | 8 | 3 | 75 | 图2 |
| 3 | 0.5 | 8 | 3 | 75 | 图2 |
| 3 | 1 | 8 | 3 | 75 | 图2 |
| 4 | 0.3 | 10 | 4 | 75 | 图2 |
| 4 | 0.5 | 10 | 4 | 75 | 图2 |
| 4 | 1 | 10 | 4 | 75 | 图2 |
| 4 | 1.5 | 10 | 4 | 75 | 图2 |
| 4 | 0.3 | 16 | 4 | 100 | 图2 |
| 4 | 0.5 | 16 | 4 | 100 | 图2 |
| 6 | 0.3 | 15 | 6 | 75 | 图2 |
| 6 | 0.5 | 15 | 6 | 75 | 图2 |
| 6 | 0.3 | 18 | 6 | 100 | 图2 |
| 6 | 0.5 | 18 | 6 | 100 | 图2 |
| 6 | 1 | 18 | 6 | 100 | 图2 |
| 6 | 1.5 | 18 | 6 | 100 | 图2 |
| 6 | 2 | 18 | 6 | 100 | 图2 |
| 8 | 0.3 | 20 | 8 | 75 | 图2 |
| 8 | 0.5 | 20 | 8 | 75 | 图2 |
| 8 | 0.3 | 24 | 8 | 100 | 图2 |
| 8 | 0.5 | 24 | 8 | 100 | 图2 |
| 8 | 1 | 24 | 8 | 100 | 图2 |
| 8 | 1.5 | 24 | 8 | 100 | 图2 |
| 8 | 2 | 24 | 8 | 100 | 图2 |
| 8 | 2.5 | 24 | 8 | 100 | 图2 |
| 8 | 3 | 24 | 8 | 100 | 图2 |
| 10 | 0.3 | 30 | 10 | 100 | 图2 |
| 10 | 0.5 | 30 | 10 | 100 | 图2 |
| 10 | 1 | 30 | 10 | 100 | 图2 |
| 10 | 1.5 | 30 | 10 | 100 | 图2 |
| 10 | 2 | 30 | 10 | 100 | 图2 |
| 10 | 2.5 | 30 | 10 | 100 | 图2 |
| 10 | 3 | 30 | 10 | 100 | 图2 |
| 12 | 0.3 | 35 | 12 | 100 | 图2 |
| 12 | 0.5 | 35 | 12 | 100 | 图2 |
| 12 | 1 | 35 | 12 | 100 | 图2 |
| 12 | 1.5 | 35 | 12 | 100 | 图2 |
| 12 | 2 | 35 | 12 | 100 | 图2 |
| 12 | 2.5 | 35 | 12 | 100 | 图2 |
| 12 | 3 | 35 | 12 | 100 | 图2 |



S480 四刃加长圆鼻刀

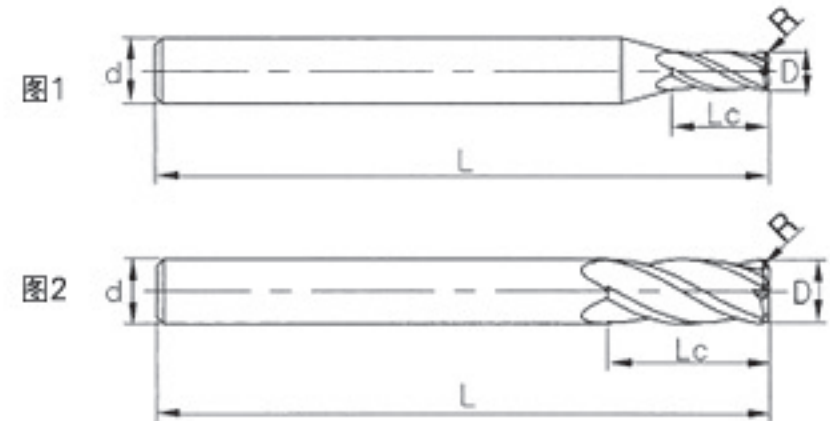
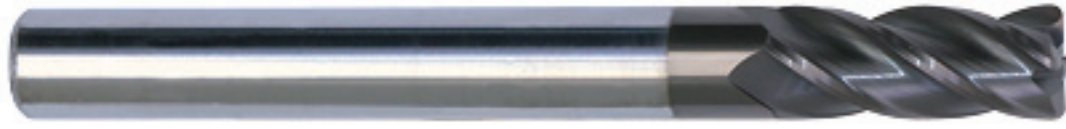
4 Flute Corner Radius, with Long Shank Length



WC=90 Co=10 HRA=91.2 抗折=3800N/mm² 粒径=0.6 μm

| D | 公差 Tol |
|--------|------------|
| D ≤ 12 | 0 -0.02 |
| D > 12 | 0 -0.03 |

单位unit(mm)



| D | R | Lc | d | L | 图号 Figure No. |
|----|-----|----|----|-----|------------------|
| 3 | 0.3 | 8 | 3 | 75 | 图2 |
| 3 | 0.5 | 8 | 3 | 75 | 图2 |
| 3 | 1 | 8 | 3 | 75 | 图2 |
| 4 | 0.3 | 10 | 4 | 75 | 图2 |
| 4 | 0.5 | 10 | 4 | 75 | 图2 |
| 4 | 1 | 10 | 4 | 75 | 图2 |
| 4 | 1.5 | 10 | 4 | 75 | 图2 |
| 4 | 0.3 | 16 | 4 | 100 | 图2 |
| 4 | 0.5 | 16 | 4 | 100 | 图2 |
| 6 | 0.3 | 15 | 6 | 75 | 图2 |
| 6 | 0.5 | 15 | 6 | 75 | 图2 |
| 6 | 0.3 | 18 | 6 | 100 | 图2 |
| 6 | 0.5 | 18 | 6 | 100 | 图2 |
| 6 | 1 | 18 | 6 | 100 | 图2 |
| 6 | 1.5 | 18 | 6 | 100 | 图2 |
| 6 | 2 | 18 | 6 | 100 | 图2 |
| 8 | 0.3 | 20 | 8 | 75 | 图2 |
| 8 | 0.5 | 20 | 8 | 75 | 图2 |
| 8 | 0.3 | 24 | 8 | 100 | 图2 |
| 8 | 0.5 | 24 | 8 | 100 | 图2 |
| 8 | 1 | 24 | 8 | 100 | 图2 |
| 8 | 1.5 | 24 | 8 | 100 | 图2 |
| 8 | 2 | 24 | 8 | 100 | 图2 |
| 8 | 2.5 | 24 | 8 | 100 | 图2 |
| 8 | 3 | 24 | 8 | 100 | 图2 |
| 10 | 0.3 | 30 | 10 | 100 | 图2 |
| 10 | 0.5 | 30 | 10 | 100 | 图2 |
| 10 | 1 | 30 | 10 | 100 | 图2 |
| 10 | 1.5 | 30 | 10 | 100 | 图2 |
| 10 | 2 | 30 | 10 | 100 | 图2 |
| 10 | 2.5 | 30 | 10 | 100 | 图2 |
| 10 | 3 | 30 | 10 | 100 | 图2 |
| 12 | 0.3 | 35 | 12 | 100 | 图2 |
| 12 | 0.5 | 35 | 12 | 100 | 图2 |
| 12 | 1 | 35 | 12 | 100 | 图2 |
| 12 | 1.5 | 35 | 12 | 100 | 图2 |
| 12 | 2 | 35 | 12 | 100 | 图2 |
| 12 | 2.5 | 35 | 12 | 100 | 图2 |
| 12 | 3 | 35 | 12 | 100 | 图2 |

S550 二刃平刀

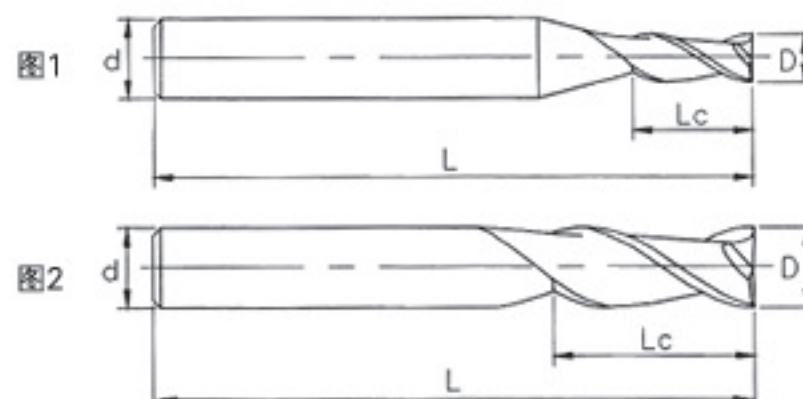
2 Flute, Standard Length



WC=87 Co=12 HRA=91.8 抗折=4000N/mm² 粒径=0.4 μm

| D | 公差 Tol |
|--------|------------|
| D ≤ 12 | 0 -0.02 |
| D > 12 | 0 -0.03 |

单位unit(mm)



| D | Lc | d | L | 图号 Figure No. |
|-----|----|----|-----|------------------|
| 1 | 3 | 3 | 50 | 图1 |
| 1.5 | 4 | 3 | 50 | 图1 |
| 2 | 6 | 3 | 50 | 图1 |
| 2.5 | 7 | 3 | 50 | 图1 |
| 3 | 8 | 3 | 50 | 图2 |
| 1 | 3 | 4 | 50 | 图1 |
| 1.5 | 4 | 4 | 50 | 图1 |
| 2 | 6 | 4 | 50 | 图1 |
| 2.5 | 7 | 4 | 50 | 图1 |
| 3 | 8 | 4 | 50 | 图1 |
| 3.5 | 10 | 4 | 50 | 图1 |
| 4 | 11 | 4 | 50 | 图2 |
| 1 | 3 | 6 | 50 | 图1 |
| 1.5 | 4 | 6 | 50 | 图1 |
| 2 | 6 | 6 | 50 | 图1 |
| 2.5 | 7 | 6 | 50 | 图1 |
| 3 | 8 | 6 | 50 | 图1 |
| 3.5 | 10 | 6 | 50 | 图1 |
| 4 | 11 | 6 | 50 | 图1 |
| 5 | 13 | 6 | 50 | 图1 |
| 6 | 15 | 6 | 50 | 图2 |
| 7 | 18 | 8 | 60 | 图1 |
| 8 | 20 | 8 | 60 | 图2 |
| 9 | 22 | 10 | 75 | 图1 |
| 10 | 25 | 10 | 75 | 图2 |
| 11 | 30 | 12 | 75 | 图1 |
| 12 | 30 | 12 | 75 | 图2 |
| 14 | 40 | 14 | 100 | 图2 |
| 16 | 40 | 16 | 100 | 图2 |
| 18 | 45 | 18 | 100 | 图2 |
| 20 | 45 | 20 | 100 | 图2 |
| 25 | 50 | 25 | 100 | 图2 |



S550 四刃平刀

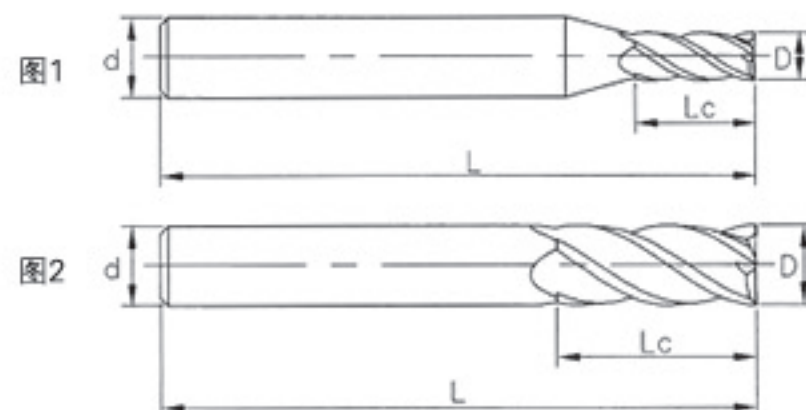
4 Flute, Standard Length



WC=87 Co=12 HRA=91.8 抗折=4000N/mm² 粒径=0.4 μm

| D | 公差 Tol |
|--------|------------|
| D ≤ 12 | 0 -0.02 |
| D > 12 | 0 -0.03 |

单位unit(mm)



| D | Lc | d | L | 图号 Figure No. |
|-----|----|----|-----|------------------|
| 1 | 3 | 3 | 50 | 图1 |
| 1.5 | 4 | 3 | 50 | 图1 |
| 2 | 6 | 3 | 50 | 图1 |
| 2.5 | 7 | 3 | 50 | 图1 |
| 3 | 8 | 3 | 50 | 图2 |
| 1 | 3 | 4 | 50 | 图1 |
| 1.5 | 4 | 4 | 50 | 图1 |
| 2 | 6 | 4 | 50 | 图1 |
| 2.5 | 7 | 4 | 50 | 图1 |
| 3 | 8 | 4 | 50 | 图1 |
| 3.5 | 10 | 4 | 50 | 图1 |
| 4 | 11 | 4 | 50 | 图2 |
| 1 | 3 | 6 | 50 | 图1 |
| 1.5 | 4 | 6 | 50 | 图1 |
| 2 | 6 | 6 | 50 | 图1 |
| 2.5 | 7 | 6 | 50 | 图1 |
| 3 | 8 | 6 | 50 | 图1 |
| 3.5 | 10 | 6 | 50 | 图1 |
| 4 | 11 | 6 | 50 | 图1 |
| 5 | 13 | 6 | 50 | 图1 |
| 6 | 15 | 6 | 50 | 图2 |
| 7 | 18 | 8 | 60 | 图1 |
| 8 | 20 | 8 | 60 | 图2 |
| 9 | 22 | 10 | 75 | 图1 |
| 10 | 25 | 10 | 75 | 图2 |
| 11 | 30 | 12 | 75 | 图1 |
| 12 | 30 | 12 | 75 | 图2 |
| 14 | 40 | 14 | 100 | 图2 |
| 16 | 40 | 16 | 100 | 图2 |
| 18 | 45 | 18 | 100 | 图2 |
| 20 | 45 | 20 | 100 | 图2 |
| 25 | 50 | 25 | 100 | 图2 |

S550 二刃球刀

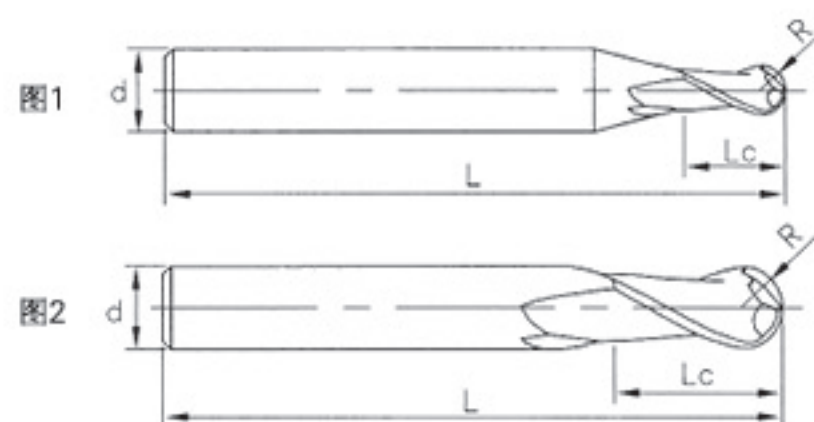
2 Flute,Ballnose



WC=87 Co=12 HRA=91.8 抗折=4000N/mm² 粒径=0.4 μm

| D | 公差 Tol |
|--------|------------|
| D ≤ 12 | 0 -0.02 |
| D > 12 | 0 -0.03 |

单位unit(mm)



| R | Lc | d | L | 图号 Figure No. |
|------|----|----|-----|------------------|
| 0.5 | 2 | 3 | 50 | 图1 |
| 0.5 | 2 | 4 | 50 | 图1 |
| 0.75 | 3 | 3 | 50 | 图1 |
| 0.75 | 3 | 4 | 50 | 图1 |
| 1 | 4 | 3 | 50 | 图1 |
| 1 | 4 | 4 | 50 | 图1 |
| 1.25 | 5 | 3 | 50 | 图1 |
| 1.25 | 5 | 4 | 50 | 图1 |
| 1.5 | 6 | 3 | 50 | 图2 |
| 1.5 | 6 | 4 | 50 | 图1 |
| 1.75 | 7 | 4 | 50 | 图1 |
| 2 | 8 | 4 | 50 | 图2 |
| 0.5 | 2 | 6 | 50 | 图1 |
| 0.75 | 3 | 6 | 50 | 图1 |
| 1 | 4 | 6 | 50 | 图1 |
| 1.25 | 5 | 6 | 50 | 图1 |
| 1.5 | 6 | 6 | 50 | 图1 |
| 1.75 | 7 | 6 | 50 | 图1 |
| 2 | 8 | 6 | 50 | 图1 |
| 2.25 | 9 | 6 | 50 | 图1 |
| 2.5 | 10 | 6 | 50 | 图1 |
| 2.75 | 11 | 6 | 50 | 图1 |
| 3 | 12 | 6 | 50 | 图2 |
| 3.5 | 14 | 8 | 60 | 图1 |
| 4 | 16 | 8 | 60 | 图2 |
| 4.5 | 18 | 10 | 75 | 图1 |
| 5 | 20 | 10 | 75 | 图2 |
| 5.5 | 22 | 12 | 75 | 图1 |
| 6 | 24 | 12 | 75 | 图2 |
| 7 | 28 | 14 | 100 | 图2 |
| 8 | 32 | 16 | 100 | 图2 |
| 9 | 36 | 18 | 100 | 图2 |
| 10 | 40 | 20 | 100 | 图2 |



S550 四刃球刀

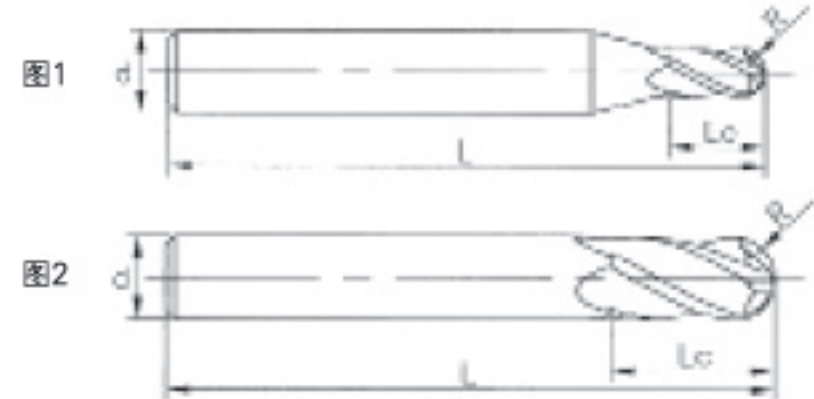
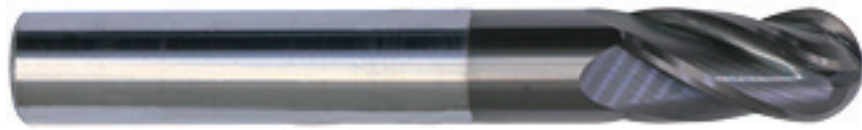
4 Flute, Ballnose



WC=87 Co=12 HRA=91.8 抗折=4000N/mm² 粒径=0.4 μm

| D | 公差 Tol |
|--------|------------|
| D ≤ 12 | 0 -0.02 |
| D > 12 | 0 -0.03 |

单位unit(mm)



| R | Lc | d | L | 图号 Figure No. |
|------|----|----|-----|------------------|
| 0.5 | 2 | 3 | 50 | 图1 |
| 0.5 | 2 | 4 | 50 | 图1 |
| 0.75 | 3 | 3 | 50 | 图1 |
| 0.75 | 3 | 4 | 50 | 图1 |
| 1 | 4 | 3 | 50 | 图1 |
| 1 | 4 | 4 | 50 | 图1 |
| 1.25 | 5 | 3 | 50 | 图1 |
| 1.25 | 5 | 4 | 50 | 图1 |
| 1.5 | 6 | 3 | 50 | 图2 |
| 1.5 | 6 | 4 | 50 | 图1 |
| 1.75 | 7 | 4 | 50 | 图1 |
| 2 | 8 | 4 | 50 | 图2 |
| 0.5 | 2 | 6 | 50 | 图1 |
| 0.75 | 3 | 6 | 50 | 图1 |
| 1 | 4 | 6 | 50 | 图1 |
| 1.25 | 5 | 6 | 50 | 图1 |
| 1.5 | 6 | 6 | 50 | 图1 |
| 1.75 | 7 | 6 | 50 | 图1 |
| 2 | 8 | 6 | 50 | 图1 |
| 2.25 | 9 | 6 | 50 | 图1 |
| 2.5 | 10 | 6 | 50 | 图1 |
| 2.75 | 11 | 6 | 50 | 图1 |
| 3 | 12 | 6 | 50 | 图2 |
| 3.5 | 14 | 8 | 60 | 图1 |
| 4 | 16 | 8 | 60 | 图2 |
| 4.5 | 18 | 10 | 75 | 图1 |
| 5 | 20 | 10 | 75 | 图2 |
| 5.5 | 22 | 12 | 75 | 图1 |
| 6 | 24 | 12 | 75 | 图2 |
| 7 | 28 | 14 | 100 | 图2 |
| 8 | 32 | 16 | 100 | 图2 |
| 9 | 36 | 18 | 100 | 图2 |
| 10 | 40 | 20 | 100 | 图2 |



S550 二刃圆鼻刀

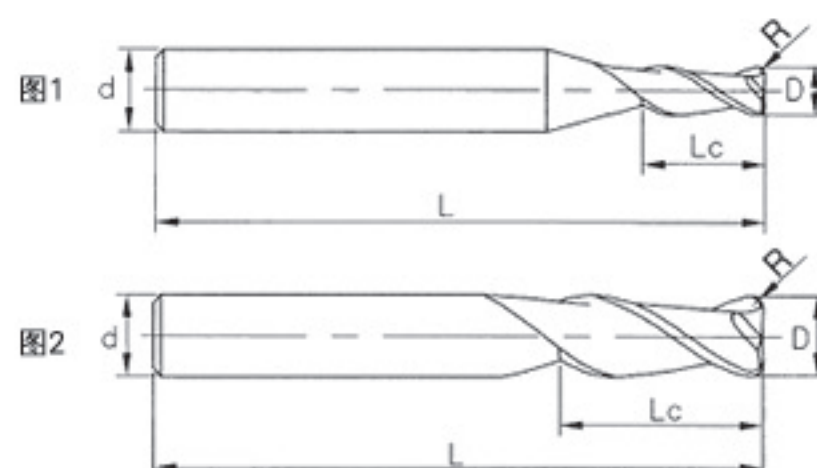
2 Flute, Corner Radius



WC=87 Co=12 HRA=91.8 抗折=4000N/mm² 粒径=0.4 μm

| D | 公差 Tol |
|--------|------------|
| D ≤ 12 | 0 -0.02 |
| D > 12 | 0 -0.03 |

单位unit(mm)



| D | R | Lc | d | L | 图号 Figure No. |
|-----|-----|----|---|----|------------------|
| 1 | 0.1 | 3 | 4 | 50 | 图1 |
| 1 | 0.2 | 3 | 4 | 50 | 图1 |
| 1 | 0.3 | 3 | 4 | 50 | 图1 |
| 1.5 | 0.2 | 4 | 4 | 50 | 图1 |
| 1.5 | 0.3 | 4 | 4 | 50 | 图1 |
| 2 | 0.2 | 6 | 4 | 50 | 图1 |
| 2 | 0.3 | 6 | 4 | 50 | 图1 |
| 2 | 0.5 | 6 | 4 | 50 | 图1 |
| 2.5 | 0.2 | 7 | 4 | 50 | 图1 |
| 3 | 0.2 | 8 | 3 | 50 | 图2 |
| 3 | 0.3 | 8 | 3 | 50 | 图2 |
| 3 | 0.5 | 8 | 3 | 50 | 图2 |
| 3 | 1 | 8 | 3 | 50 | 图2 |
| 3 | 0.2 | 8 | 4 | 50 | 图1 |
| 3 | 0.3 | 8 | 4 | 50 | 图1 |
| 3 | 0.5 | 8 | 4 | 50 | 图1 |
| 3 | 1 | 8 | 4 | 50 | 图1 |
| 4 | 0.2 | 10 | 4 | 50 | 图2 |
| 4 | 0.3 | 10 | 4 | 50 | 图2 |
| 4 | 0.5 | 10 | 4 | 50 | 图2 |
| 4 | 1 | 10 | 4 | 50 | 图2 |
| 4 | 1.5 | 10 | 4 | 50 | 图2 |
| 5 | 0.2 | 13 | 6 | 50 | 图1 |
| 5 | 0.3 | 13 | 6 | 50 | 图1 |
| 5 | 0.5 | 13 | 6 | 50 | 图1 |
| 5 | 1 | 13 | 6 | 50 | 图1 |
| 6 | 0.2 | 15 | 6 | 50 | 图2 |
| 6 | 0.3 | 15 | 6 | 50 | 图2 |
| 6 | 0.5 | 15 | 6 | 50 | 图2 |
| 6 | 1 | 15 | 6 | 50 | 图2 |
| 6 | 1.5 | 15 | 6 | 50 | 图2 |
| 6 | 2 | 15 | 6 | 50 | 图2 |

| D | R | Lc | d | L | 图号 Figure No. |
|----|-----|----|----|----|------------------|
| 8 | 0.3 | 20 | 8 | 60 | 图2 |
| 8 | 0.5 | 20 | 8 | 60 | 图2 |
| 8 | 1 | 20 | 8 | 60 | 图2 |
| 8 | 1.5 | 20 | 8 | 60 | 图2 |
| 8 | 2 | 20 | 8 | 60 | 图2 |
| 8 | 2.5 | 20 | 8 | 60 | 图2 |
| 8 | 3 | 20 | 8 | 60 | 图2 |
| 10 | 0.3 | 25 | 10 | 75 | 图2 |
| 10 | 0.5 | 25 | 10 | 75 | 图2 |
| 10 | 1 | 25 | 10 | 75 | 图2 |
| 10 | 1.5 | 25 | 10 | 75 | 图2 |
| 10 | 2 | 25 | 10 | 75 | 图2 |
| 10 | 2.5 | 25 | 10 | 75 | 图2 |
| 10 | 3 | 25 | 10 | 75 | 图2 |
| 12 | 0.3 | 30 | 12 | 75 | 图2 |
| 12 | 0.5 | 30 | 12 | 75 | 图2 |
| 12 | 1 | 30 | 12 | 75 | 图2 |
| 12 | 1.5 | 30 | 12 | 75 | 图2 |
| 12 | 2 | 30 | 12 | 75 | 图2 |
| 12 | 2.5 | 30 | 12 | 75 | 图2 |
| 12 | 3 | 30 | 12 | 75 | 图2 |

S550 四刃圆鼻刀

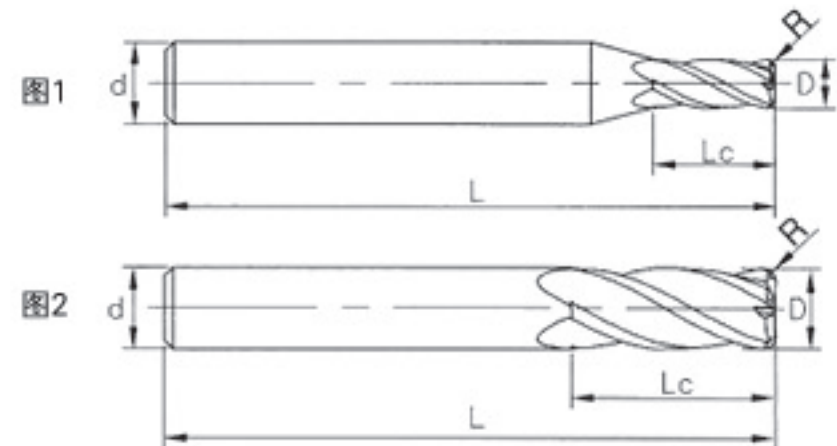
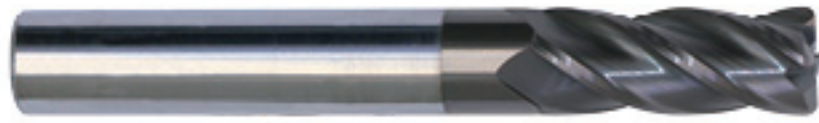
4 Flute, Corner Radius



WC=87 Co=12 HRA=91.8 抗折=4000N/mm² 粒径=0.4 μm

| D | 公差 Tol |
|--------|------------|
| D ≤ 12 | 0 -0.02 |
| D > 12 | 0 -0.03 |

单位unit(mm)



| D | R | Lc | d | L | 图号 Figure No. |
|-----|-----|----|---|----|------------------|
| 1 | 0.1 | 3 | 4 | 50 | 图1 |
| 1 | 0.2 | 3 | 4 | 50 | 图1 |
| 1 | 0.3 | 3 | 4 | 50 | 图1 |
| 1.5 | 0.2 | 4 | 4 | 50 | 图1 |
| 1.5 | 0.3 | 4 | 4 | 50 | 图1 |
| 2 | 0.2 | 6 | 4 | 50 | 图1 |
| 2 | 0.3 | 6 | 4 | 50 | 图1 |
| 2 | 0.5 | 6 | 4 | 50 | 图1 |
| 2.5 | 0.2 | 7 | 4 | 50 | 图1 |
| 3 | 0.2 | 8 | 3 | 50 | 图2 |
| 3 | 0.3 | 8 | 3 | 50 | 图2 |
| 3 | 0.5 | 8 | 3 | 50 | 图2 |
| 3 | 1 | 8 | 3 | 50 | 图2 |
| 3 | 0.2 | 8 | 4 | 50 | 图1 |
| 3 | 0.3 | 8 | 4 | 50 | 图1 |
| 3 | 0.5 | 8 | 4 | 50 | 图1 |
| 3 | 1 | 8 | 4 | 50 | 图1 |
| 4 | 0.2 | 10 | 4 | 50 | 图2 |
| 4 | 0.3 | 10 | 4 | 50 | 图2 |
| 4 | 0.5 | 10 | 4 | 50 | 图2 |
| 4 | 1 | 10 | 4 | 50 | 图2 |
| 4 | 1.5 | 10 | 4 | 50 | 图2 |
| 5 | 0.2 | 13 | 6 | 50 | 图1 |
| 5 | 0.3 | 13 | 6 | 50 | 图1 |
| 5 | 0.5 | 13 | 6 | 50 | 图1 |
| 5 | 1 | 13 | 6 | 50 | 图1 |
| 6 | 0.2 | 15 | 6 | 50 | 图2 |
| 6 | 0.3 | 15 | 6 | 50 | 图2 |
| 6 | 0.5 | 15 | 6 | 50 | 图2 |
| 6 | 1 | 15 | 6 | 50 | 图2 |
| 6 | 1.5 | 15 | 6 | 50 | 图2 |
| 6 | 2 | 15 | 6 | 50 | 图2 |

| D | R | Lc | d | L | 图号 Figure No. |
|----|-----|----|----|----|------------------|
| 8 | 0.3 | 20 | 8 | 60 | 图2 |
| 8 | 0.5 | 20 | 8 | 60 | 图2 |
| 8 | 1 | 20 | 8 | 60 | 图2 |
| 8 | 1.5 | 20 | 8 | 60 | 图2 |
| 8 | 2 | 20 | 8 | 60 | 图2 |
| 8 | 2.5 | 20 | 8 | 60 | 图2 |
| 8 | 3 | 20 | 8 | 60 | 图2 |
| 10 | 0.3 | 25 | 10 | 75 | 图2 |
| 10 | 0.5 | 25 | 10 | 75 | 图2 |
| 10 | 1 | 25 | 10 | 75 | 图2 |
| 10 | 1.5 | 25 | 10 | 75 | 图2 |
| 10 | 2 | 25 | 10 | 75 | 图2 |
| 10 | 2.5 | 25 | 10 | 75 | 图2 |
| 10 | 3 | 25 | 10 | 75 | 图2 |
| 12 | 0.3 | 30 | 12 | 75 | 图2 |
| 12 | 0.5 | 30 | 12 | 75 | 图2 |
| 12 | 1 | 30 | 12 | 75 | 图2 |
| 12 | 1.5 | 30 | 12 | 75 | 图2 |
| 12 | 2 | 30 | 12 | 75 | 图2 |
| 12 | 2.5 | 30 | 12 | 75 | 图2 |
| 12 | 3 | 30 | 12 | 75 | 图2 |

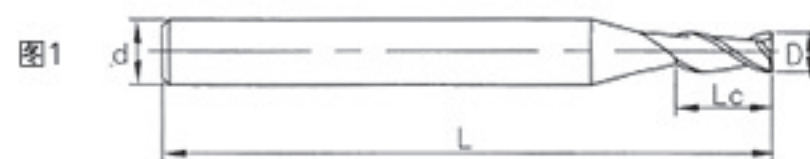


S550 二刃加长平刀
2 Flute, with long Shank Length

WC=87 Co=12 HRA=91.8 抗折=4000N/mm² 粒径=0.4 μm

| D | 公差 Tol |
|--------|------------|
| D ≤ 12 | 0 -0.02 |
| D > 12 | 0 -0.03 |

单位unit(mm)



| D | Lc | d | L | 图号 Figure No. |
|----|----|----|-----|------------------|
| 3 | 12 | 4 | 75 | 图1 |
| 4 | 14 | 4 | 75 | 图2 |
| 5 | 18 | 6 | 75 | 图1 |
| 6 | 21 | 6 | 75 | 图2 |
| 8 | 28 | 8 | 75 | 图1 |
| 3 | 12 | 4 | 100 | 图2 |
| 4 | 16 | 4 | 100 | 图1 |
| 5 | 20 | 6 | 100 | 图2 |
| 6 | 24 | 6 | 100 | 图2 |
| 8 | 32 | 8 | 100 | 图2 |
| 10 | 40 | 10 | 100 | 图2 |
| 12 | 45 | 12 | 100 | 图2 |
| 6 | 45 | 6 | 150 | 图2 |
| 8 | 50 | 8 | 150 | 图2 |
| 10 | 55 | 10 | 150 | 图2 |
| 12 | 60 | 12 | 150 | 图2 |
| 16 | 65 | 16 | 150 | 图2 |
| 20 | 75 | 20 | 150 | 图2 |
| 25 | 75 | 25 | 150 | 图2 |



S550 四刃加长平刀

4 Flute, with long Shank Length



WC=87 Co=12 HRA=91.8 抗折=4000N/mm² 粒径=0.4 μm

| D | 公差 Tol |
|--------|------------|
| D ≤ 12 | 0 -0.02 |
| D > 12 | 0 -0.03 |

单位unit(mm)



| D | Lc | d | L | 图号 Figure No. |
|----|----|----|-----|------------------|
| 3 | 12 | 4 | 75 | 图1 |
| 4 | 14 | 4 | 75 | 图2 |
| 5 | 18 | 6 | 75 | 图1 |
| 6 | 21 | 6 | 75 | 图2 |
| 8 | 28 | 8 | 75 | 图1 |
| 3 | 12 | 4 | 100 | 图2 |
| 4 | 16 | 4 | 100 | 图1 |
| 5 | 20 | 6 | 100 | 图2 |
| 6 | 24 | 6 | 100 | 图2 |
| 8 | 32 | 8 | 100 | 图2 |
| 10 | 40 | 10 | 100 | 图2 |
| 12 | 45 | 12 | 100 | 图2 |
| 6 | 45 | 6 | 150 | 图2 |
| 8 | 50 | 8 | 150 | 图2 |
| 10 | 55 | 10 | 150 | 图2 |
| 12 | 60 | 12 | 150 | 图2 |
| 16 | 65 | 16 | 150 | 图2 |
| 20 | 75 | 20 | 150 | 图2 |
| 25 | 75 | 25 | 150 | 图2 |

S550 二刃加长球刀

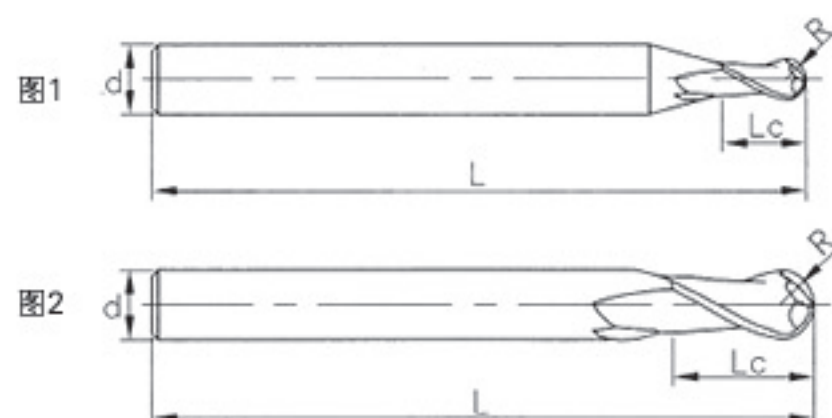
2 Flute Ballnose,,with long shank length



WC=87 Co=12 HRA=91.8 抗折=4000N/mm² 粒径=0.4 μm

| D | 公差 Tol |
|--------|------------|
| D ≤ 12 | 0 -0.02 |
| D > 12 | 0 -0.03 |

单位unit(mm)



| R | Lc | d | L | 图号 Figure No. |
|------|----|----|-----|------------------|
| 0.5 | 2 | 6 | 75 | 图1 |
| 0.5 | 2 | 6 | 100 | 图1 |
| 0.75 | 3 | 6 | 75 | 图1 |
| 0.75 | 3 | 6 | 100 | 图1 |
| 1 | 4 | 6 | 75 | 图1 |
| 1 | 4 | 6 | 100 | 图1 |
| 1.25 | 5 | 6 | 75 | 图1 |
| 1.25 | 5 | 6 | 100 | 图1 |
| 1.5 | 6 | 6 | 75 | 图1 |
| 1.5 | 6 | 6 | 100 | 图1 |
| 1.75 | 7 | 6 | 100 | 图1 |
| 2 | 8 | 6 | 75 | 图1 |
| 2 | 8 | 6 | 100 | 图1 |
| 2.5 | 10 | 6 | 75 | 图1 |
| 2.5 | 10 | 6 | 100 | 图1 |
| 3 | 12 | 6 | 75 | 图2 |
| 3 | 12 | 6 | 100 | 图2 |
| 3 | 12 | 6 | 150 | 图2 |
| 4 | 16 | 8 | 75 | 图2 |
| 4 | 16 | 8 | 100 | 图2 |
| 4 | 16 | 8 | 150 | 图2 |
| 5 | 20 | 10 | 100 | 图2 |
| 5 | 20 | 10 | 150 | 图2 |
| 6 | 24 | 12 | 100 | 图2 |
| 6 | 24 | 12 | 150 | 图2 |
| 7 | 28 | 14 | 150 | 图2 |
| 8 | 32 | 16 | 150 | 图2 |
| 9 | 36 | 18 | 150 | 图2 |
| 10 | 40 | 20 | 150 | 图2 |



S550 四刃加长球刀

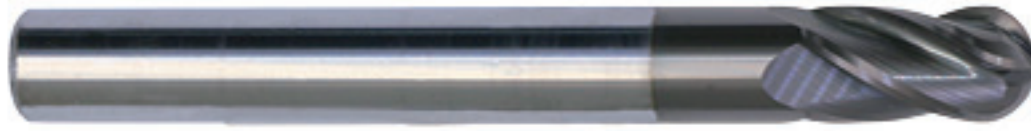
4 Flute Ballnose, with Long Shank Length



WC=87 Co=12 HRA=91.8 抗折=4000N/mm² 粒径=0.4 μm

| D | 公差 Tol |
|--------|------------|
| D ≤ 12 | 0 -0.02 |
| D > 12 | 0 -0.03 |

单位unit(mm)



| R | Lc | d | L | 图号 Figure No. |
|------|----|----|-----|------------------|
| 0.5 | 2 | 6 | 75 | 图1 |
| 0.5 | 2 | 6 | 100 | 图1 |
| 0.75 | 3 | 6 | 75 | 图1 |
| 0.75 | 3 | 6 | 100 | 图1 |
| 1 | 4 | 6 | 75 | 图1 |
| 1 | 4 | 6 | 100 | 图1 |
| 1.25 | 5 | 6 | 75 | 图1 |
| 1.25 | 5 | 6 | 100 | 图1 |
| 1.5 | 6 | 6 | 75 | 图1 |
| 1.5 | 6 | 6 | 100 | 图1 |
| 1.75 | 7 | 6 | 100 | 图1 |
| 2 | 8 | 6 | 75 | 图1 |
| 2 | 8 | 6 | 100 | 图1 |
| 2.5 | 10 | 6 | 75 | 图1 |
| 2.5 | 10 | 6 | 100 | 图1 |
| 3 | 12 | 6 | 75 | 图2 |
| 3 | 12 | 6 | 100 | 图2 |
| 3 | 12 | 6 | 150 | 图2 |
| 4 | 16 | 8 | 75 | 图2 |
| 4 | 16 | 8 | 100 | 图2 |
| 4 | 16 | 8 | 150 | 图2 |
| 5 | 20 | 10 | 100 | 图2 |
| 5 | 20 | 10 | 150 | 图2 |
| 6 | 24 | 12 | 100 | 图2 |
| 6 | 24 | 12 | 150 | 图2 |
| 7 | 28 | 14 | 150 | 图2 |
| 8 | 32 | 16 | 150 | 图2 |
| 9 | 36 | 18 | 150 | 图2 |
| 10 | 40 | 20 | 150 | 图2 |

S550 二刃加长圆鼻刀

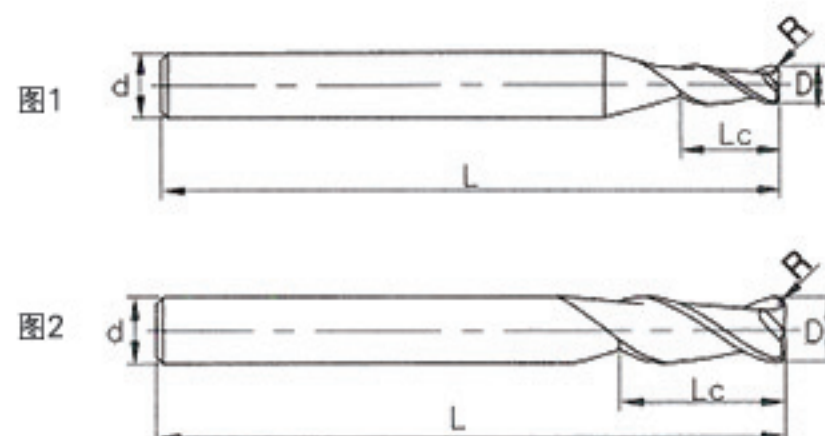
2 Flute Corner Radius, with Long Shank Length



WC=87 Co=12 HRA=91.8 抗折=4000N/mm² 粒径=0.4 μm

| D | 公差 Tol |
|--------|------------|
| D ≤ 12 | 0 -0.02 |
| D > 12 | 0 -0.03 |

单位unit(mm)



| D | R | Lc | d | L | 图号 Figure No. |
|----|-----|----|----|-----|------------------|
| 3 | 0.3 | 8 | 3 | 75 | 图2 |
| 3 | 0.5 | 8 | 3 | 75 | 图2 |
| 3 | 1 | 8 | 3 | 75 | 图2 |
| 4 | 0.3 | 10 | 4 | 75 | 图2 |
| 4 | 0.5 | 10 | 4 | 75 | 图2 |
| 4 | 1 | 10 | 4 | 75 | 图2 |
| 4 | 1.5 | 10 | 4 | 75 | 图2 |
| 4 | 0.3 | 16 | 4 | 100 | 图2 |
| 4 | 0.5 | 16 | 4 | 100 | 图2 |
| 6 | 0.3 | 15 | 6 | 75 | 图2 |
| 6 | 0.5 | 15 | 6 | 75 | 图2 |
| 6 | 0.3 | 18 | 6 | 100 | 图2 |
| 6 | 0.5 | 18 | 6 | 100 | 图2 |
| 6 | 1 | 18 | 6 | 100 | 图2 |
| 6 | 1.5 | 18 | 6 | 100 | 图2 |
| 6 | 2 | 18 | 6 | 100 | 图2 |
| 8 | 0.3 | 20 | 8 | 75 | 图2 |
| 8 | 0.5 | 20 | 8 | 75 | 图2 |
| 8 | 0.3 | 24 | 8 | 100 | 图2 |
| 8 | 0.5 | 24 | 8 | 100 | 图2 |
| 8 | 1 | 24 | 8 | 100 | 图2 |
| 8 | 1.5 | 24 | 8 | 100 | 图2 |
| 8 | 2 | 24 | 8 | 100 | 图2 |
| 8 | 2.5 | 24 | 8 | 100 | 图2 |
| 8 | 3 | 24 | 8 | 100 | 图2 |
| 10 | 0.3 | 30 | 10 | 100 | 图2 |
| 10 | 0.5 | 30 | 10 | 100 | 图2 |
| 10 | 1 | 30 | 10 | 100 | 图2 |
| 10 | 1.5 | 30 | 10 | 100 | 图2 |
| 10 | 2 | 30 | 10 | 100 | 图2 |
| 10 | 2.5 | 30 | 10 | 100 | 图2 |
| 10 | 3 | 30 | 10 | 100 | 图2 |
| 12 | 0.3 | 35 | 12 | 100 | 图2 |
| 12 | 0.5 | 35 | 12 | 100 | 图2 |
| 12 | 1 | 35 | 12 | 100 | 图2 |
| 12 | 1.5 | 35 | 12 | 100 | 图2 |
| 12 | 2 | 35 | 12 | 100 | 图2 |
| 12 | 2.5 | 35 | 12 | 100 | 图2 |
| 12 | 3 | 35 | 12 | 100 | 图2 |



S550 四刃加长圆鼻刀

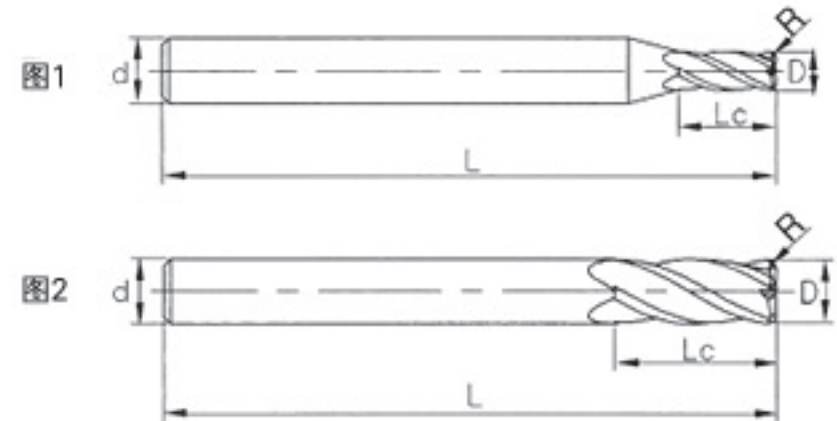
4 Flute Corner Radius, with Long Shank Length



WC=87 Co=12 HRA=91.8 抗折=4000N/mm² 粒径=0.4 μm

| D | 公差 Tol |
|--------|------------|
| D ≤ 12 | 0 -0.02 |
| D > 12 | 0 -0.03 |

单位unit(mm)



| D | R | Lc | d | L | 图号 Figure No. |
|----|-----|----|----|-----|------------------|
| 3 | 0.3 | 8 | 3 | 75 | 图2 |
| 3 | 0.5 | 8 | 3 | 75 | 图2 |
| 3 | 1 | 8 | 3 | 75 | 图2 |
| 4 | 0.3 | 10 | 4 | 75 | 图2 |
| 4 | 0.5 | 10 | 4 | 75 | 图2 |
| 4 | 1 | 10 | 4 | 75 | 图2 |
| 4 | 1.5 | 10 | 4 | 75 | 图2 |
| 4 | 0.3 | 16 | 4 | 100 | 图2 |
| 4 | 0.5 | 16 | 4 | 100 | 图2 |
| 6 | 0.3 | 15 | 6 | 75 | 图2 |
| 6 | 0.5 | 15 | 6 | 75 | 图2 |
| 6 | 0.3 | 18 | 6 | 100 | 图2 |
| 6 | 0.5 | 18 | 6 | 100 | 图2 |
| 6 | 1 | 18 | 6 | 100 | 图2 |
| 6 | 1.5 | 18 | 6 | 100 | 图2 |
| 6 | 2 | 18 | 6 | 100 | 图2 |
| 8 | 0.3 | 20 | 8 | 75 | 图2 |
| 8 | 0.5 | 20 | 8 | 75 | 图2 |
| 8 | 0.3 | 24 | 8 | 100 | 图2 |
| 8 | 0.5 | 24 | 8 | 100 | 图2 |
| 8 | 1 | 24 | 8 | 100 | 图2 |
| 8 | 1.5 | 24 | 8 | 100 | 图2 |
| 8 | 2 | 24 | 8 | 100 | 图2 |
| 8 | 2.5 | 24 | 8 | 100 | 图2 |
| 8 | 3 | 24 | 8 | 100 | 图2 |
| 10 | 0.3 | 30 | 10 | 100 | 图2 |
| 10 | 0.5 | 30 | 10 | 100 | 图2 |
| 10 | 1 | 30 | 10 | 100 | 图2 |
| 10 | 1.5 | 30 | 10 | 100 | 图2 |
| 10 | 2 | 30 | 10 | 100 | 图2 |
| 10 | 2.5 | 30 | 10 | 100 | 图2 |
| 10 | 3 | 30 | 10 | 100 | 图2 |
| 12 | 0.3 | 35 | 12 | 100 | 图2 |
| 12 | 0.5 | 35 | 12 | 100 | 图2 |
| 12 | 1 | 35 | 12 | 100 | 图2 |
| 12 | 1.5 | 35 | 12 | 100 | 图2 |
| 12 | 2 | 35 | 12 | 100 | 图2 |
| 12 | 2.5 | 35 | 12 | 100 | 图2 |
| 12 | 3 | 35 | 12 | 100 | 图2 |

S550 四刃粗铣刀

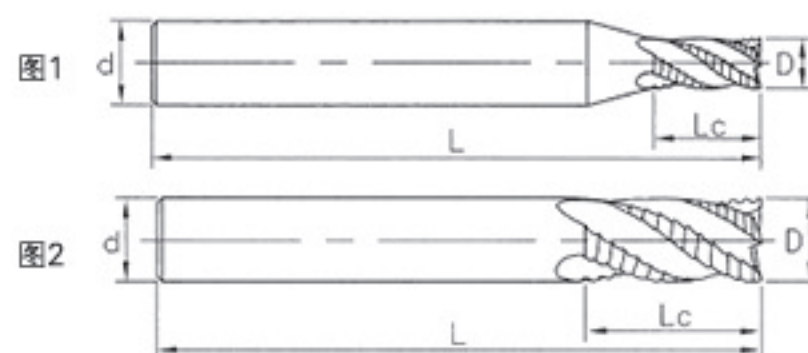
4 Flute, Rough Standard Length



WC=87 Co=12 HRA=91.8 抗折=4000N/mm² 粒径=0.4 μm

| D | 公差 Tol |
|--------|------------|
| D ≤ 12 | 0 -0.02 |
| D > 12 | 0 -0.03 |

单位unit(mm)



| D | Lc | d | L | 图号 Figure No. |
|----|----|----|-----|------------------|
| 4 | 10 | 6 | 50 | 图1 |
| 5 | 13 | 6 | 50 | 图1 |
| 6 | 16 | 6 | 50 | 图2 |
| 7 | 20 | 8 | 60 | 图1 |
| 8 | 20 | 8 | 60 | 图2 |
| 9 | 25 | 10 | 75 | 图1 |
| 10 | 25 | 10 | 75 | 图2 |
| 11 | 30 | 12 | 75 | 图1 |
| 12 | 30 | 12 | 75 | 图2 |
| 16 | 40 | 16 | 100 | 图2 |
| 20 | 45 | 20 | 100 | 图2 |
| 25 | 50 | 25 | 100 | 图2 |

S550 铝用三刃粗铣刀

3 Flute, Rough Standard Length for aluminum alloys

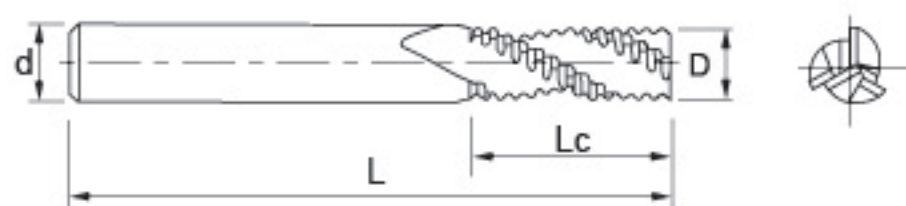


标记说明请参考 页 See page 1 for guidelines to icons

WC=87 Co=12 HRA=91.8 抗折=4000N/mm² 粒径=0.4 μm

| D | 公差 Tol |
|--------|------------|
| D ≤ 12 | 0 -0.02 |
| D > 12 | 0 -0.03 |

单位unit(mm)



| D | Lc | d | L | 图号 Figure No. |
|----|----|----|-----|------------------|
| 6 | 18 | 6 | 50 | |
| 8 | 24 | 8 | 60 | |
| 10 | 30 | 10 | 75 | |
| 12 | 36 | 12 | 75 | |
| 16 | 45 | 16 | 100 | |
| 20 | 50 | 20 | 100 | |

S580 二刃平刀

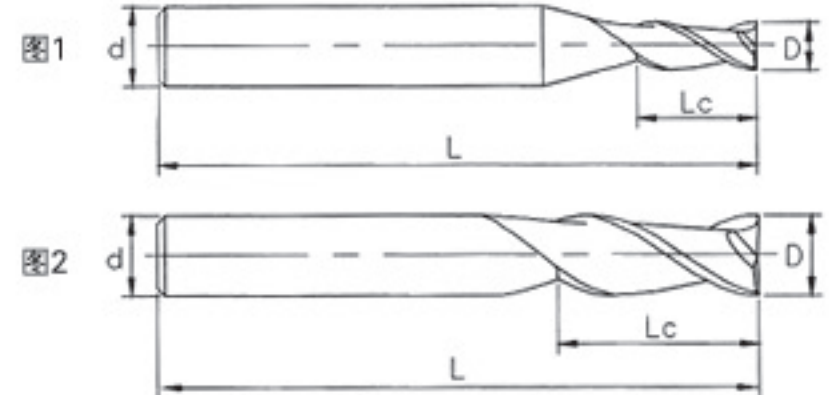
2 Flute, Standard Length



WC=87 Co=12 HRA=92.5 抗折=4000N/mm² 粒径=0.4 μm

| D | 公差 Tol |
|--------|------------|
| D ≤ 12 | 0 -0.02 |
| D > 12 | 0 -0.03 |

单位unit(mm)



| D | Lc | d | L | 图号 Figure No. |
|-----|----|----|-----|------------------|
| 1 | 3 | 3 | 50 | 图1 |
| 1.5 | 4 | 3 | 50 | 图1 |
| 2 | 6 | 3 | 50 | 图1 |
| 2.5 | 7 | 3 | 50 | 图1 |
| 3 | 8 | 3 | 50 | 图2 |
| 1 | 3 | 4 | 50 | 图1 |
| 1.5 | 4 | 4 | 50 | 图1 |
| 2 | 6 | 4 | 50 | 图1 |
| 2.5 | 7 | 4 | 50 | 图1 |
| 3 | 8 | 4 | 50 | 图1 |
| 3.5 | 10 | 4 | 50 | 图1 |
| 4 | 11 | 4 | 50 | 图2 |
| 1 | 3 | 6 | 50 | 图1 |
| 1.5 | 4 | 6 | 50 | 图1 |
| 2 | 6 | 6 | 50 | 图1 |
| 2.5 | 7 | 6 | 50 | 图1 |
| 3 | 8 | 6 | 50 | 图1 |
| 3.5 | 10 | 6 | 50 | 图1 |
| 4 | 11 | 6 | 50 | 图1 |
| 5 | 13 | 6 | 50 | 图1 |
| 6 | 15 | 6 | 50 | 图2 |
| 7 | 18 | 8 | 60 | 图1 |
| 8 | 20 | 8 | 60 | 图2 |
| 9 | 22 | 10 | 75 | 图1 |
| 10 | 25 | 10 | 75 | 图2 |
| 11 | 30 | 12 | 75 | 图1 |
| 12 | 30 | 12 | 75 | 图2 |
| 14 | 40 | 14 | 100 | 图2 |
| 16 | 40 | 16 | 100 | 图2 |
| 18 | 45 | 18 | 100 | 图2 |
| 20 | 45 | 20 | 100 | 图2 |
| 25 | 50 | 25 | 100 | 图2 |



S580 四刃平刀

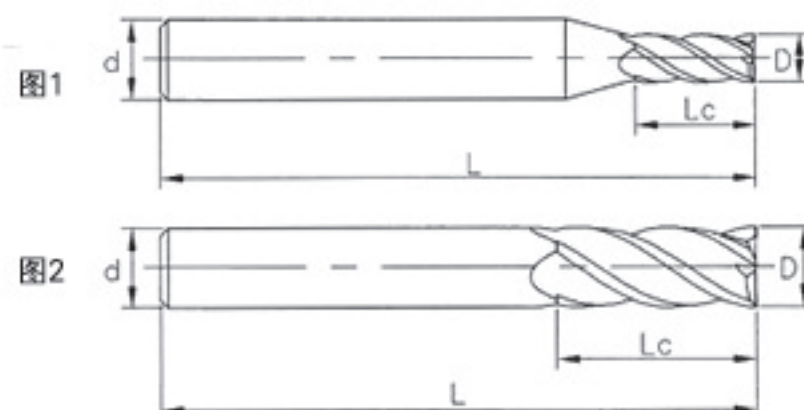
4 Flute, Standard Length



WC=87 Co=12 HRA=92.5 抗折=4000N/mm² 粒径=0.4 μm

| D | 公差 Tol |
|--------|------------|
| D ≤ 12 | 0 -0.02 |
| D > 12 | 0 -0.03 |

单位unit(mm)



| D | Lc | d | L | 图号 Figure No. |
|-----|----|----|-----|------------------|
| 1 | 3 | 3 | 50 | 图1 |
| 1.5 | 4 | 3 | 50 | 图1 |
| 2 | 6 | 3 | 50 | 图1 |
| 2.5 | 7 | 3 | 50 | 图1 |
| 3 | 8 | 3 | 50 | 图2 |
| 1 | 3 | 4 | 50 | 图1 |
| 1.5 | 4 | 4 | 50 | 图1 |
| 2 | 6 | 4 | 50 | 图1 |
| 2.5 | 7 | 4 | 50 | 图1 |
| 3 | 8 | 4 | 50 | 图1 |
| 3.5 | 10 | 4 | 50 | 图1 |
| 4 | 11 | 4 | 50 | 图2 |
| 1 | 3 | 6 | 50 | 图1 |
| 1.5 | 4 | 6 | 50 | 图1 |
| 2 | 6 | 6 | 50 | 图1 |
| 2.5 | 7 | 6 | 50 | 图1 |
| 3 | 8 | 6 | 50 | 图1 |
| 3.5 | 10 | 6 | 50 | 图1 |
| 4 | 11 | 6 | 50 | 图1 |
| 5 | 13 | 6 | 50 | 图1 |
| 6 | 15 | 6 | 50 | 图2 |
| 7 | 18 | 8 | 60 | 图1 |
| 8 | 20 | 8 | 60 | 图2 |
| 9 | 22 | 10 | 75 | 图1 |
| 10 | 25 | 10 | 75 | 图2 |
| 11 | 30 | 12 | 75 | 图1 |
| 12 | 30 | 12 | 75 | 图2 |
| 14 | 40 | 14 | 100 | 图2 |
| 16 | 40 | 16 | 100 | 图2 |
| 18 | 45 | 18 | 100 | 图2 |
| 20 | 45 | 20 | 100 | 图2 |
| 25 | 50 | 25 | 100 | 图2 |

S580 二刃球刀

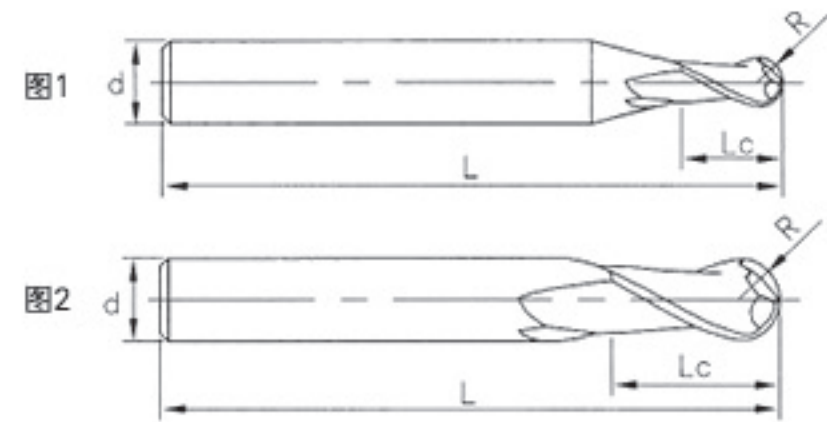
2 Flute Ballnose



WC=87 Co=12 HRA=92.5 抗折=4000N/mm² 粒径=0.4 μm

| D | 公差 Tol |
|--------|------------|
| D ≤ 12 | 0 -0.02 |
| D > 12 | 0 -0.03 |

单位unit(mm)



| R | Lc | d | L | 图号 Figure No. |
|------|----|----|-----|------------------|
| 0.5 | 2 | 3 | 50 | 图1 |
| 0.5 | 2 | 4 | 50 | 图1 |
| 0.75 | 3 | 3 | 50 | 图1 |
| 0.75 | 3 | 4 | 50 | 图1 |
| 1 | 4 | 3 | 50 | 图1 |
| 1 | 4 | 4 | 50 | 图1 |
| 1.25 | 5 | 3 | 50 | 图1 |
| 1.25 | 5 | 4 | 50 | 图1 |
| 1.5 | 6 | 3 | 50 | 图2 |
| 1.5 | 6 | 4 | 50 | 图1 |
| 1.75 | 7 | 4 | 50 | 图1 |
| 2 | 8 | 4 | 50 | 图2 |
| 0.5 | 2 | 6 | 50 | 图1 |
| 0.75 | 3 | 6 | 50 | 图1 |
| 1 | 4 | 6 | 50 | 图1 |
| 1.25 | 5 | 6 | 50 | 图1 |
| 1.5 | 6 | 6 | 50 | 图1 |
| 1.75 | 7 | 6 | 50 | 图1 |
| 2 | 8 | 6 | 50 | 图1 |
| 2.25 | 9 | 6 | 50 | 图1 |
| 2.5 | 10 | 6 | 50 | 图1 |
| 2.75 | 11 | 6 | 50 | 图1 |
| 3 | 12 | 6 | 50 | 图2 |
| 3.5 | 14 | 8 | 60 | 图1 |
| 4 | 16 | 8 | 60 | 图2 |
| 4.5 | 18 | 10 | 75 | 图1 |
| 5 | 20 | 10 | 75 | 图2 |
| 5.5 | 22 | 12 | 75 | 图1 |
| 6 | 24 | 12 | 75 | 图2 |
| 7 | 28 | 14 | 100 | 图2 |
| 8 | 32 | 16 | 100 | 图2 |
| 9 | 36 | 18 | 100 | 图2 |
| 10 | 40 | 20 | 100 | 图2 |

S580 四刃球刀

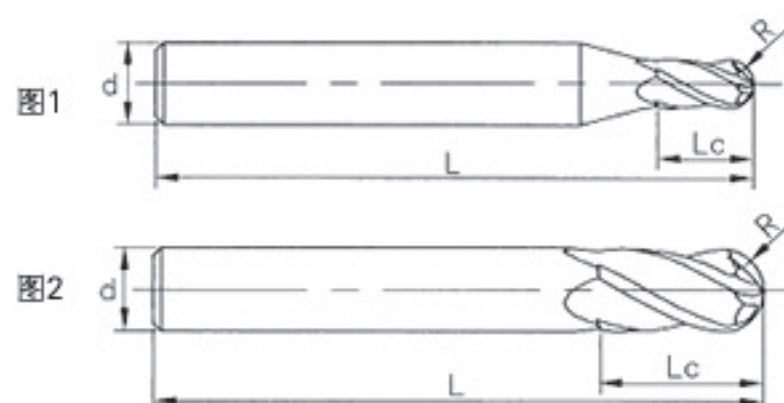
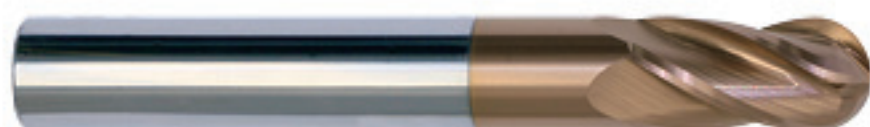
4 Flute Ballnose



WC=87 Co=12 HRA=92.5 抗折=4000N/mm² 粒径=0.4 μm

| D | 公差 Tol |
|--------|------------|
| D ≤ 12 | 0 -0.02 |
| D > 12 | 0 -0.03 |

单位unit(mm)



| R | Lc | d | L | 图号 Figure No. |
|------|----|----|-----|------------------|
| 0.5 | 2 | 3 | 50 | 图1 |
| 0.5 | 2 | 4 | 50 | 图1 |
| 0.75 | 3 | 3 | 50 | 图1 |
| 0.75 | 3 | 4 | 50 | 图1 |
| 1 | 4 | 3 | 50 | 图1 |
| 1 | 4 | 4 | 50 | 图1 |
| 1.25 | 5 | 3 | 50 | 图1 |
| 1.25 | 5 | 4 | 50 | 图1 |
| 1.5 | 6 | 3 | 50 | 图2 |
| 1.5 | 6 | 4 | 50 | 图1 |
| 1.75 | 7 | 4 | 50 | 图1 |
| 2 | 8 | 4 | 50 | 图2 |
| 0.5 | 2 | 6 | 50 | 图1 |
| 0.75 | 3 | 6 | 50 | 图1 |
| 1 | 4 | 6 | 50 | 图1 |
| 1.25 | 5 | 6 | 50 | 图1 |
| 1.5 | 6 | 6 | 50 | 图1 |
| 1.75 | 7 | 6 | 50 | 图1 |
| 2 | 8 | 6 | 50 | 图1 |
| 2.25 | 9 | 6 | 50 | 图1 |
| 2.5 | 10 | 6 | 50 | 图1 |
| 2.75 | 11 | 6 | 50 | 图1 |
| 3 | 12 | 6 | 50 | 图2 |
| 3.5 | 14 | 8 | 60 | 图1 |
| 4 | 16 | 8 | 60 | 图2 |
| 4.5 | 18 | 10 | 75 | 图1 |
| 5 | 20 | 10 | 75 | 图2 |
| 5.5 | 22 | 12 | 75 | 图1 |
| 6 | 24 | 12 | 75 | 图2 |
| 7 | 28 | 14 | 100 | 图2 |
| 8 | 32 | 16 | 100 | 图2 |
| 9 | 36 | 18 | 100 | 图2 |
| 10 | 40 | 20 | 100 | 图2 |

S580 二刃圆鼻刀

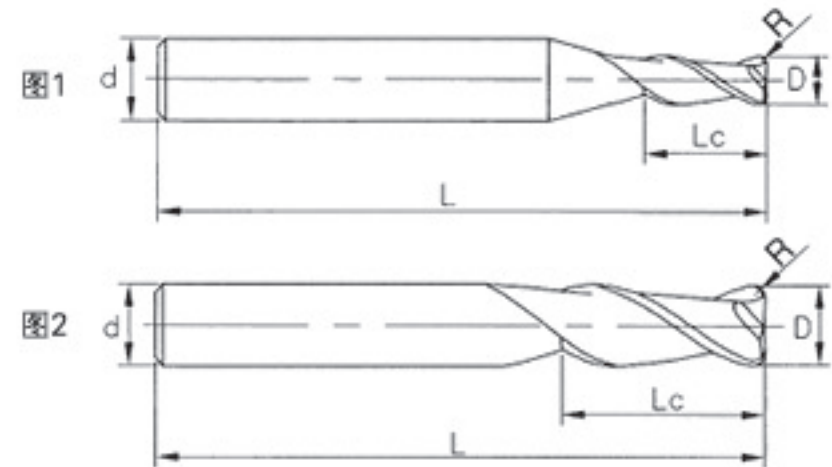
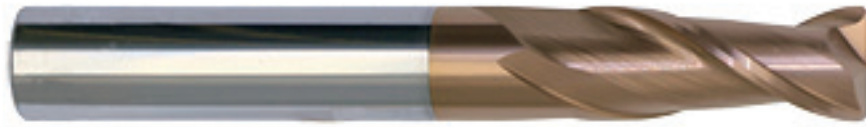
2 Flute corner radius



WC=87 Co=12 HRA=92.5 抗折=4000N/mm² 粒径=0.4 μm

| D | 公差 Tol |
|--------|------------|
| D ≤ 12 | 0 -0.02 |
| D > 12 | 0 -0.03 |

单位unit(mm)



| D | R | Lc | d | L | 图号 Figure No. |
|-----|-----|----|---|----|------------------|
| 1 | 0.1 | 3 | 4 | 50 | 图1 |
| 1 | 0.2 | 3 | 4 | 50 | 图1 |
| 1 | 0.3 | 3 | 4 | 50 | 图1 |
| 1.5 | 0.2 | 4 | 4 | 50 | 图1 |
| 1.5 | 0.3 | 4 | 4 | 50 | 图1 |
| 2 | 0.2 | 6 | 4 | 50 | 图1 |
| 2 | 0.3 | 6 | 4 | 50 | 图1 |
| 2 | 0.5 | 6 | 4 | 50 | 图1 |
| 2.5 | 0.2 | 7 | 4 | 50 | 图1 |
| 3 | 0.2 | 8 | 3 | 50 | 图2 |
| 3 | 0.3 | 8 | 3 | 50 | 图2 |
| 3 | 0.5 | 8 | 3 | 50 | 图2 |
| 3 | 1 | 8 | 3 | 50 | 图2 |
| 3 | 0.2 | 8 | 4 | 50 | 图1 |
| 3 | 0.3 | 8 | 4 | 50 | 图1 |
| 3 | 0.5 | 8 | 4 | 50 | 图1 |
| 3 | 1 | 8 | 4 | 50 | 图1 |
| 4 | 0.2 | 10 | 4 | 50 | 图2 |
| 4 | 0.3 | 10 | 4 | 50 | 图2 |
| 4 | 0.5 | 10 | 4 | 50 | 图2 |
| 4 | 1 | 10 | 4 | 50 | 图2 |
| 4 | 1.5 | 10 | 4 | 50 | 图2 |
| 5 | 0.2 | 13 | 6 | 50 | 图1 |
| 5 | 0.3 | 13 | 6 | 50 | 图1 |
| 5 | 0.5 | 13 | 6 | 50 | 图1 |
| 5 | 1 | 13 | 6 | 50 | 图1 |
| 6 | 0.2 | 15 | 6 | 50 | 图2 |
| 6 | 0.3 | 15 | 6 | 50 | 图2 |
| 6 | 0.5 | 15 | 6 | 50 | 图2 |
| 6 | 1 | 15 | 6 | 50 | 图2 |
| 6 | 1.5 | 15 | 6 | 50 | 图2 |
| 6 | 2 | 15 | 6 | 50 | 图2 |

| D | R | Lc | d | L | 图号 Figure No. |
|----|-----|----|----|----|------------------|
| 8 | 0.3 | 20 | 8 | 60 | 图2 |
| 8 | 0.5 | 20 | 8 | 60 | 图2 |
| 8 | 1 | 20 | 8 | 60 | 图2 |
| 8 | 1.5 | 20 | 8 | 60 | 图2 |
| 8 | 2 | 20 | 8 | 60 | 图2 |
| 8 | 2.5 | 20 | 8 | 60 | 图2 |
| 8 | 3 | 20 | 8 | 60 | 图2 |
| 10 | 0.3 | 25 | 10 | 75 | 图2 |
| 10 | 0.5 | 25 | 10 | 75 | 图2 |
| 10 | 1 | 25 | 10 | 75 | 图2 |
| 10 | 1.5 | 25 | 10 | 75 | 图2 |
| 10 | 2 | 25 | 10 | 75 | 图2 |
| 10 | 2.5 | 25 | 10 | 75 | 图2 |
| 10 | 3 | 25 | 10 | 75 | 图2 |
| 12 | 0.3 | 30 | 12 | 75 | 图2 |
| 12 | 0.5 | 30 | 12 | 75 | 图2 |
| 12 | 1 | 30 | 12 | 75 | 图2 |
| 12 | 1.5 | 30 | 12 | 75 | 图2 |
| 12 | 2 | 30 | 12 | 75 | 图2 |
| 12 | 2.5 | 30 | 12 | 75 | 图2 |
| 12 | 3 | 30 | 12 | 75 | 图2 |

S580 四刃圓鼻刀

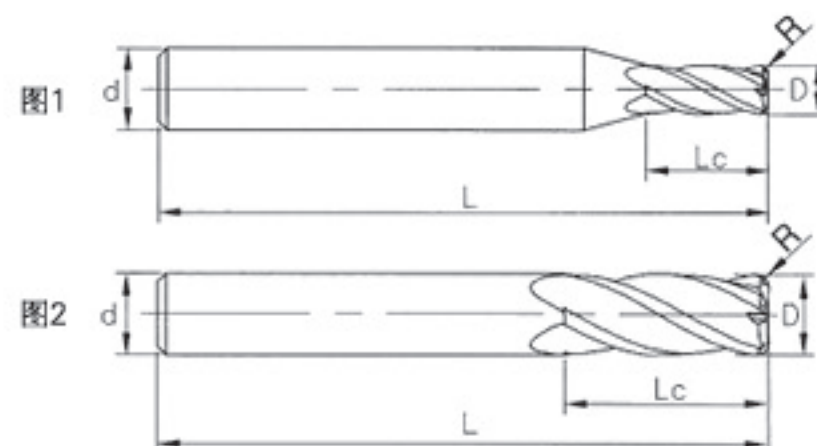
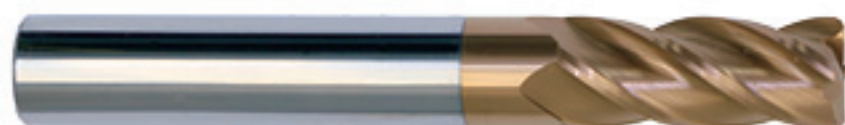
4 Flute corner radius



WC=87 Co=12 HRA=92.5 抗折=4000N/mm² 粒徑=0.4 μm

| D | 公差 Tol |
|--------|------------|
| D ≤ 12 | 0 -0.02 |
| D > 12 | 0 -0.03 |

單位unit(mm)



| D | R | Lc | d | L | 图号 Figure No. |
|-----|-----|----|---|----|------------------|
| 1 | 0.1 | 3 | 4 | 50 | 图1 |
| 1 | 0.2 | 3 | 4 | 50 | 图1 |
| 1 | 0.3 | 3 | 4 | 50 | 图1 |
| 1.5 | 0.2 | 4 | 4 | 50 | 图1 |
| 1.5 | 0.3 | 4 | 4 | 50 | 图1 |
| 2 | 0.2 | 6 | 4 | 50 | 图1 |
| 2 | 0.3 | 6 | 4 | 50 | 图1 |
| 2 | 0.5 | 6 | 4 | 50 | 图1 |
| 2.5 | 0.2 | 7 | 4 | 50 | 图1 |
| 3 | 0.2 | 8 | 3 | 50 | 图2 |
| 3 | 0.3 | 8 | 3 | 50 | 图2 |
| 3 | 0.5 | 8 | 3 | 50 | 图2 |
| 3 | 1 | 8 | 3 | 50 | 图2 |
| 3 | 0.2 | 8 | 4 | 50 | 图1 |
| 3 | 0.3 | 8 | 4 | 50 | 图1 |
| 3 | 0.5 | 8 | 4 | 50 | 图1 |
| 3 | 1 | 8 | 4 | 50 | 图1 |
| 4 | 0.2 | 10 | 4 | 50 | 图2 |
| 4 | 0.3 | 10 | 4 | 50 | 图2 |
| 4 | 0.5 | 10 | 4 | 50 | 图2 |
| 4 | 1 | 10 | 4 | 50 | 图2 |
| 4 | 1.5 | 10 | 4 | 50 | 图2 |
| 5 | 0.2 | 13 | 6 | 50 | 图1 |
| 5 | 0.3 | 13 | 6 | 50 | 图1 |
| 5 | 0.5 | 13 | 6 | 50 | 图1 |
| 5 | 1 | 13 | 6 | 50 | 图1 |
| 6 | 0.2 | 15 | 6 | 50 | 图2 |
| 6 | 0.3 | 15 | 6 | 50 | 图2 |
| 6 | 0.5 | 15 | 6 | 50 | 图2 |
| 6 | 1 | 15 | 6 | 50 | 图2 |
| 6 | 1.5 | 15 | 6 | 50 | 图2 |
| 6 | 2 | 15 | 6 | 50 | 图2 |

| D | R | Lc | d | L | 图号 Figure No. |
|----|-----|----|----|----|------------------|
| 8 | 0.3 | 20 | 8 | 60 | 图2 |
| 8 | 0.5 | 20 | 8 | 60 | 图2 |
| 8 | 1 | 20 | 8 | 60 | 图2 |
| 8 | 1.5 | 20 | 8 | 60 | 图2 |
| 8 | 2 | 20 | 8 | 60 | 图2 |
| 8 | 2.5 | 20 | 8 | 60 | 图2 |
| 8 | 3 | 20 | 8 | 60 | 图2 |
| 10 | 0.3 | 25 | 10 | 75 | 图2 |
| 10 | 0.5 | 25 | 10 | 75 | 图2 |
| 10 | 1 | 25 | 10 | 75 | 图2 |
| 10 | 1.5 | 25 | 10 | 75 | 图2 |
| 10 | 2 | 25 | 10 | 75 | 图2 |
| 10 | 2.5 | 25 | 10 | 75 | 图2 |
| 10 | 3 | 25 | 10 | 75 | 图2 |
| 12 | 0.3 | 30 | 12 | 75 | 图2 |
| 12 | 0.5 | 30 | 12 | 75 | 图2 |
| 12 | 1 | 30 | 12 | 75 | 图2 |
| 12 | 1.5 | 30 | 12 | 75 | 图2 |
| 12 | 2 | 30 | 12 | 75 | 图2 |
| 12 | 2.5 | 30 | 12 | 75 | 图2 |
| 12 | 3 | 30 | 12 | 75 | 图2 |



S580 二刃加长平刀

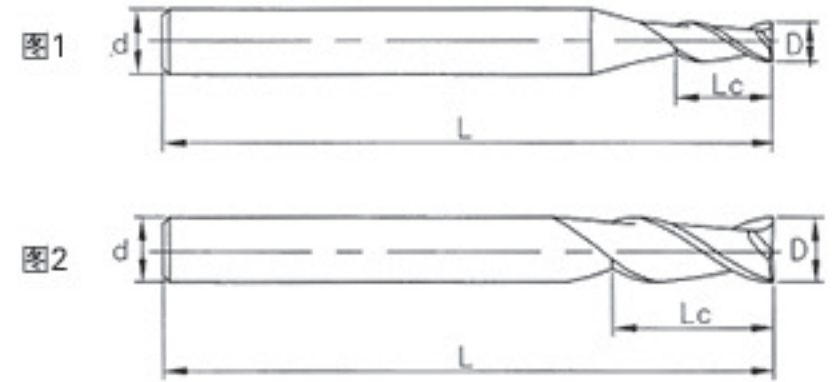
2 Flute, with long shank length



WC=87 Co=12 HRA=92.5 抗折=4000N/mm² 粒径=0.4 μm

| D | 公差 Tol |
|--------|------------|
| D ≤ 12 | 0 -0.02 |
| D > 12 | 0 -0.03 |

单位unit(mm)



| D | Lc | d | L | 图号 Figure No. |
|----|----|----|-----|------------------|
| 3 | 12 | 4 | 75 | 图1 |
| 4 | 14 | 4 | 75 | 图2 |
| 5 | 18 | 6 | 75 | 图1 |
| 6 | 21 | 6 | 75 | 图2 |
| 8 | 28 | 6 | 75 | 图1 |
| 3 | 12 | 4 | 100 | 图2 |
| 4 | 16 | 4 | 100 | 图1 |
| 5 | 20 | 6 | 100 | 图2 |
| 6 | 24 | 6 | 100 | 图2 |
| 8 | 32 | 8 | 100 | 图2 |
| 10 | 40 | 10 | 100 | 图2 |
| 12 | 45 | 12 | 100 | 图2 |
| 6 | 45 | 6 | 150 | 图2 |
| 8 | 50 | 8 | 150 | 图2 |
| 10 | 55 | 10 | 150 | 图2 |
| 12 | 60 | 12 | 150 | 图2 |
| 16 | 65 | 16 | 150 | 图2 |
| 20 | 75 | 20 | 150 | 图2 |
| 25 | 75 | 25 | 150 | 图2 |



S580 四刃加长平刀

4 Flute, with long shank length



WC=87 Co=12 HRA=92.5 抗折=4000N/mm² 粒径=0.4 μm

| D | 公差 Tol |
|--------|------------|
| D ≤ 12 | 0 -0.02 |
| D > 12 | 0 -0.03 |

单位unit(mm)



| D | Lc | d | L | 图号 Figure No. |
|----|----|----|-----|------------------|
| 3 | 12 | 4 | 75 | 图1 |
| 4 | 14 | 4 | 75 | 图2 |
| 5 | 18 | 6 | 75 | 图1 |
| 6 | 21 | 6 | 75 | 图2 |
| 3 | 12 | 4 | 100 | 图2 |
| 4 | 16 | 4 | 100 | 图1 |
| 5 | 20 | 6 | 100 | 图2 |
| 6 | 24 | 6 | 100 | 图2 |
| 8 | 32 | 8 | 100 | 图2 |
| 10 | 40 | 10 | 100 | 图2 |
| 12 | 45 | 12 | 100 | 图2 |
| 6 | 45 | 6 | 150 | 图2 |
| 8 | 50 | 8 | 150 | 图2 |
| 10 | 55 | 10 | 150 | 图2 |
| 12 | 60 | 12 | 150 | 图2 |
| 16 | 65 | 16 | 150 | 图2 |
| 20 | 75 | 20 | 150 | 图2 |
| 25 | 75 | 25 | 150 | 图2 |



S580 二刃加长球刀

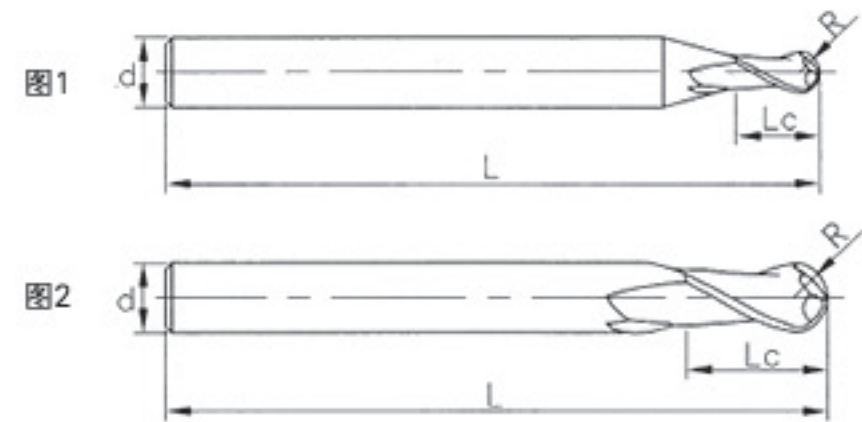
2 Flute Ballnose



WC=87 Co=12 HRA=92.5 抗折=4000N/mm² 粒径=0.4 μm

| D | 公差 Tol |
|--------|------------|
| D ≤ 12 | 0 -0.02 |
| D > 12 | 0 -0.03 |

单位unit(mm)



| R | Lc | d | L | 图号 Figure No. |
|------|----|----|-----|------------------|
| 0.5 | 2 | 6 | 75 | 图1 |
| 0.5 | 2 | 6 | 100 | 图1 |
| 0.75 | 3 | 6 | 75 | 图1 |
| 0.75 | 3 | 6 | 100 | 图1 |
| 1 | 4 | 6 | 75 | 图1 |
| 1 | 4 | 6 | 100 | 图1 |
| 1.25 | 5 | 6 | 75 | 图1 |
| 1.25 | 5 | 6 | 100 | 图1 |
| 1.5 | 6 | 6 | 75 | 图1 |
| 1.5 | 6 | 6 | 100 | 图1 |
| 1.75 | 7 | 6 | 100 | 图1 |
| 2 | 8 | 6 | 75 | 图1 |
| 2 | 8 | 6 | 100 | 图1 |
| 2.5 | 10 | 6 | 75 | 图1 |
| 2.5 | 10 | 6 | 100 | 图1 |
| 3 | 12 | 6 | 75 | 图2 |
| 3 | 12 | 6 | 100 | 图2 |
| 3 | 12 | 6 | 150 | 图2 |
| 4 | 16 | 8 | 75 | 图2 |
| 4 | 16 | 8 | 100 | 图2 |
| 4 | 16 | 8 | 150 | 图2 |
| 5 | 20 | 10 | 100 | 图2 |
| 5 | 20 | 10 | 150 | 图2 |
| 6 | 24 | 12 | 100 | 图2 |
| 6 | 24 | 12 | 150 | 图2 |
| 7 | 28 | 14 | 150 | 图2 |
| 8 | 32 | 16 | 150 | 图2 |
| 9 | 36 | 18 | 150 | 图2 |
| 10 | 40 | 20 | 150 | 图2 |

S580 四刃加长球刀

4 Flute Ballnose



WC=87 Co=12 HRA=92.5 抗折=4000N/mm² 粒径=0.4 μm

| D | 公差 Tol |
|--------|------------|
| D ≤ 12 | 0 -0.02 |
| D > 12 | 0 -0.03 |

单位unit(mm)



| R | Lc | d | L | 图号 Figure No. |
|------|----|----|-----|------------------|
| 0.5 | 2 | 6 | 75 | 图1 |
| 0.5 | 2 | 6 | 100 | 图1 |
| 0.75 | 3 | 6 | 75 | 图1 |
| 0.75 | 3 | 6 | 100 | 图1 |
| 1 | 4 | 6 | 75 | 图1 |
| 1 | 4 | 6 | 100 | 图1 |
| 1.25 | 5 | 6 | 75 | 图1 |
| 1.25 | 5 | 6 | 100 | 图1 |
| 1.5 | 6 | 6 | 75 | 图1 |
| 1.5 | 6 | 6 | 100 | 图1 |
| 1.75 | 7 | 6 | 100 | 图1 |
| 2 | 8 | 6 | 75 | 图1 |
| 2 | 8 | 6 | 100 | 图1 |
| 2.5 | 10 | 6 | 75 | 图1 |
| 2.5 | 10 | 6 | 100 | 图1 |
| 3 | 12 | 6 | 75 | 图2 |
| 3 | 12 | 6 | 100 | 图2 |
| 3 | 12 | 6 | 150 | 图2 |
| 4 | 16 | 8 | 75 | 图2 |
| 4 | 16 | 8 | 100 | 图2 |
| 4 | 16 | 8 | 150 | 图2 |
| 5 | 20 | 10 | 100 | 图2 |
| 5 | 20 | 10 | 150 | 图2 |
| 6 | 24 | 12 | 100 | 图2 |
| 6 | 24 | 12 | 150 | 图2 |
| 7 | 28 | 14 | 150 | 图2 |
| 8 | 32 | 16 | 150 | 图2 |
| 9 | 36 | 18 | 150 | 图2 |
| 10 | 40 | 20 | 150 | 图2 |



S580 二刃加长圆鼻刀

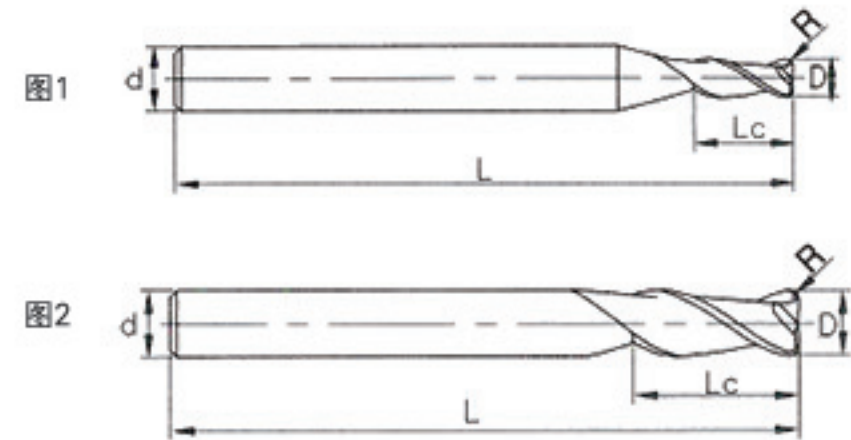
2 Flute corner radius, with long shank length



WC=87 Co=12 HRA=92.5 抗折=4000N/mm² 粒径=0.4 μm

| D | 公差 Tol |
|--------|------------|
| D ≤ 12 | 0 -0.02 |
| D > 12 | 0 -0.03 |

单位unit(mm)



| D | R | Lc | d | L | 图号 Figure No. |
|----|-----|----|----|-----|------------------|
| 3 | 0.3 | 8 | 3 | 75 | 图2 |
| 3 | 0.5 | 8 | 3 | 75 | 图2 |
| 3 | 1 | 8 | 3 | 75 | 图2 |
| 4 | 0.3 | 10 | 4 | 75 | 图2 |
| 4 | 0.5 | 10 | 4 | 75 | 图2 |
| 4 | 1 | 10 | 4 | 75 | 图2 |
| 4 | 1.5 | 10 | 4 | 75 | 图2 |
| 4 | 0.3 | 16 | 4 | 100 | 图2 |
| 4 | 0.5 | 16 | 4 | 100 | 图2 |
| 6 | 0.3 | 15 | 6 | 75 | 图2 |
| 6 | 0.5 | 15 | 6 | 75 | 图2 |
| 6 | 0.3 | 18 | 6 | 100 | 图2 |
| 6 | 0.5 | 18 | 6 | 100 | 图2 |
| 6 | 1 | 18 | 6 | 100 | 图2 |
| 6 | 1.5 | 18 | 6 | 100 | 图2 |
| 6 | 2 | 18 | 6 | 100 | 图2 |
| 8 | 0.3 | 20 | 8 | 75 | 图2 |
| 8 | 0.5 | 20 | 8 | 75 | 图2 |
| 8 | 0.3 | 24 | 8 | 100 | 图2 |
| 8 | 0.5 | 24 | 8 | 100 | 图2 |
| 8 | 1 | 24 | 8 | 100 | 图2 |
| 8 | 1.5 | 24 | 8 | 100 | 图2 |
| 8 | 2 | 24 | 8 | 100 | 图2 |
| 8 | 2.5 | 24 | 8 | 100 | 图2 |
| 8 | 3 | 24 | 8 | 100 | 图2 |
| 10 | 0.3 | 30 | 10 | 100 | 图2 |
| 10 | 0.5 | 30 | 10 | 100 | 图2 |
| 10 | 1 | 30 | 10 | 100 | 图2 |
| 10 | 1.5 | 30 | 10 | 100 | 图2 |
| 10 | 2 | 30 | 10 | 100 | 图2 |
| 10 | 2.5 | 30 | 10 | 100 | 图2 |
| 10 | 3 | 30 | 10 | 100 | 图2 |
| 12 | 0.3 | 35 | 12 | 100 | 图2 |
| 12 | 0.5 | 35 | 12 | 100 | 图2 |
| 12 | 1 | 35 | 12 | 100 | 图2 |
| 12 | 1.5 | 35 | 12 | 100 | 图2 |
| 12 | 2 | 35 | 12 | 100 | 图2 |
| 12 | 2.5 | 35 | 12 | 100 | 图2 |
| 12 | 3 | 35 | 12 | 100 | 图2 |



S580 四刃加长圆鼻刀

2 Flute corner radius, with long shank length



WC=87 Co=12 HRA=92.5 抗折=4000N/mm² 粒径=0.4 μm

| D | 公差 Tol |
|--------|------------|
| D ≤ 12 | 0 -0.02 |
| D > 12 | 0 -0.03 |

单位unit(mm)



| D | R | Lc | d | L | 图号 Figure No. |
|----|-----|----|----|-----|------------------|
| 3 | 0.3 | 8 | 3 | 75 | 图2 |
| 3 | 0.5 | 8 | 3 | 75 | 图2 |
| 3 | 1 | 8 | 3 | 75 | 图2 |
| 4 | 0.3 | 10 | 4 | 75 | 图2 |
| 4 | 0.5 | 10 | 4 | 75 | 图2 |
| 4 | 1 | 10 | 4 | 75 | 图2 |
| 4 | 1.5 | 10 | 4 | 75 | 图2 |
| 4 | 0.3 | 16 | 4 | 100 | 图2 |
| 4 | 0.5 | 16 | 4 | 100 | 图2 |
| 6 | 0.3 | 15 | 6 | 75 | 图2 |
| 6 | 0.5 | 15 | 6 | 75 | 图2 |
| 6 | 0.3 | 18 | 6 | 100 | 图2 |
| 6 | 0.5 | 18 | 6 | 100 | 图2 |
| 6 | 1 | 18 | 6 | 100 | 图2 |
| 6 | 1.5 | 18 | 6 | 100 | 图2 |
| 6 | 2 | 18 | 6 | 100 | 图2 |
| 8 | 0.3 | 20 | 8 | 75 | 图2 |
| 8 | 0.5 | 20 | 8 | 75 | 图2 |
| 8 | 0.3 | 24 | 8 | 100 | 图2 |
| 8 | 0.5 | 24 | 8 | 100 | 图2 |
| 8 | 1 | 24 | 8 | 100 | 图2 |
| 8 | 1.5 | 24 | 8 | 100 | 图2 |
| 8 | 2 | 24 | 8 | 100 | 图2 |
| 8 | 2.5 | 24 | 8 | 100 | 图2 |
| 8 | 3 | 24 | 8 | 100 | 图2 |
| 10 | 0.3 | 30 | 10 | 100 | 图2 |
| 10 | 0.5 | 30 | 10 | 100 | 图2 |
| 10 | 1 | 30 | 10 | 100 | 图2 |
| 10 | 1.5 | 30 | 10 | 100 | 图2 |
| 10 | 2 | 30 | 10 | 100 | 图2 |
| 10 | 2.5 | 30 | 10 | 100 | 图2 |
| 10 | 3 | 30 | 10 | 100 | 图2 |
| 12 | 0.3 | 35 | 12 | 100 | 图2 |
| 12 | 0.5 | 35 | 12 | 100 | 图2 |
| 12 | 1 | 35 | 12 | 100 | 图2 |
| 12 | 1.5 | 35 | 12 | 100 | 图2 |
| 12 | 2 | 35 | 12 | 100 | 图2 |
| 12 | 2.5 | 35 | 12 | 100 | 图2 |
| 12 | 3 | 35 | 12 | 100 | 图2 |



S630 二刃平刀

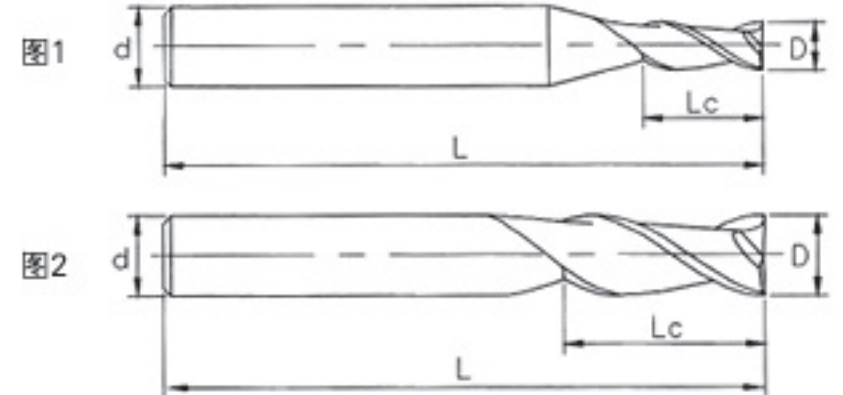
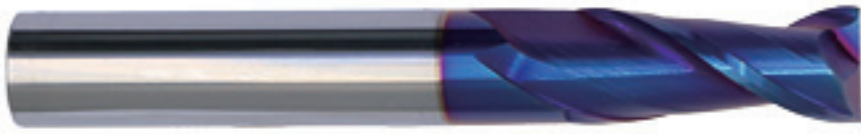
2 Flute, Standard Length



WC=87 Co=12 HRA=93.1 抗折=4200N/mm² 粒径=0.4 μm

| D | 公差 Tol |
|--------|------------|
| D ≤ 12 | 0 -0.02 |
| D > 12 | 0 -0.03 |

单位unit(mm)



| D | Lc | d | L | 图号 Figure No. |
|-----|----|----|-----|------------------|
| 1 | 3 | 3 | 50 | 图1 |
| 1.5 | 4 | 3 | 50 | 图1 |
| 2 | 6 | 3 | 50 | 图1 |
| 2.5 | 7 | 3 | 50 | 图1 |
| 3 | 8 | 3 | 50 | 图2 |
| 1 | 3 | 4 | 50 | 图1 |
| 1.5 | 4 | 4 | 50 | 图1 |
| 2 | 6 | 4 | 50 | 图1 |
| 2.5 | 7 | 4 | 50 | 图1 |
| 3 | 8 | 4 | 50 | 图1 |
| 3.5 | 10 | 4 | 50 | 图1 |
| 4 | 11 | 4 | 50 | 图2 |
| 1 | 3 | 6 | 50 | 图1 |
| 1.5 | 4 | 6 | 50 | 图1 |
| 2 | 6 | 6 | 50 | 图1 |
| 2.5 | 7 | 6 | 50 | 图1 |
| 3 | 8 | 6 | 50 | 图1 |
| 3.5 | 10 | 6 | 50 | 图1 |
| 4 | 11 | 6 | 50 | 图1 |
| 5 | 13 | 6 | 50 | 图1 |
| 6 | 15 | 6 | 50 | 图2 |
| 7 | 18 | 8 | 60 | 图1 |
| 8 | 20 | 8 | 60 | 图2 |
| 9 | 22 | 10 | 75 | 图1 |
| 10 | 25 | 10 | 75 | 图2 |
| 11 | 30 | 12 | 75 | 图1 |
| 12 | 30 | 12 | 75 | 图2 |
| 14 | 40 | 14 | 100 | 图2 |
| 16 | 40 | 16 | 100 | 图2 |
| 18 | 45 | 18 | 100 | 图2 |
| 20 | 45 | 20 | 100 | 图2 |
| 25 | 50 | 25 | 100 | 图2 |



S630 四刃平刀

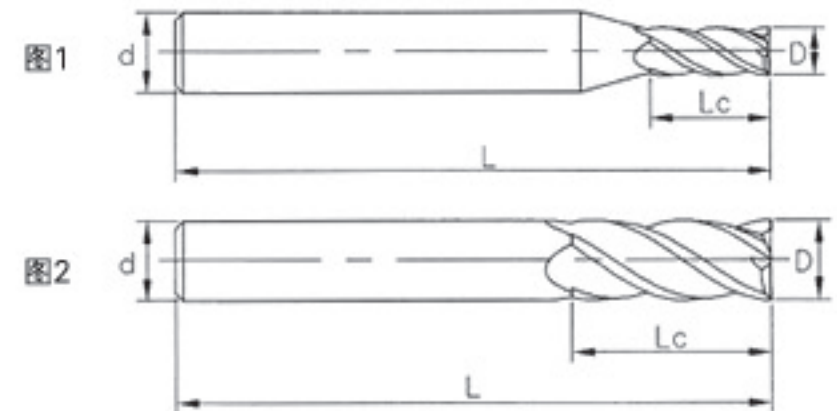
4 Flute, Standard Length



WC=87 Co=12 HRA=93.1 抗折=4200N/mm² 粒径=0.4 μm

| D | 公差 Tol |
|--------|------------|
| D ≤ 12 | 0 -0.02 |
| D > 12 | 0 -0.03 |

单位unit(mm)



| D | Lc | d | L | 图号 Figure No. |
|-----|----|----|-----|------------------|
| 1 | 3 | 3 | 50 | 图1 |
| 1.5 | 4 | 3 | 50 | 图1 |
| 2 | 6 | 3 | 50 | 图1 |
| 2.5 | 7 | 3 | 50 | 图1 |
| 3 | 8 | 3 | 50 | 图2 |
| 1 | 3 | 4 | 50 | 图1 |
| 1.5 | 4 | 4 | 50 | 图1 |
| 2 | 6 | 4 | 50 | 图1 |
| 2.5 | 7 | 4 | 50 | 图1 |
| 3 | 8 | 4 | 50 | 图1 |
| 3.5 | 10 | 4 | 50 | 图1 |
| 4 | 11 | 4 | 50 | 图2 |
| 1 | 3 | 6 | 50 | 图1 |
| 1.5 | 4 | 6 | 50 | 图1 |
| 2 | 6 | 6 | 50 | 图1 |
| 2.5 | 7 | 6 | 50 | 图1 |
| 3 | 8 | 6 | 50 | 图1 |
| 3.5 | 10 | 6 | 50 | 图1 |
| 4 | 11 | 6 | 50 | 图1 |
| 5 | 13 | 6 | 50 | 图1 |
| 6 | 15 | 6 | 50 | 图2 |
| 7 | 18 | 8 | 60 | 图1 |
| 8 | 20 | 8 | 60 | 图2 |
| 9 | 22 | 10 | 75 | 图1 |
| 10 | 25 | 10 | 75 | 图2 |
| 11 | 30 | 12 | 75 | 图1 |
| 12 | 30 | 12 | 75 | 图2 |
| 14 | 40 | 14 | 100 | 图2 |
| 16 | 40 | 16 | 100 | 图2 |
| 18 | 45 | 18 | 100 | 图2 |
| 20 | 45 | 20 | 100 | 图2 |
| 25 | 50 | 25 | 100 | 图2 |



S630 二刃球刀

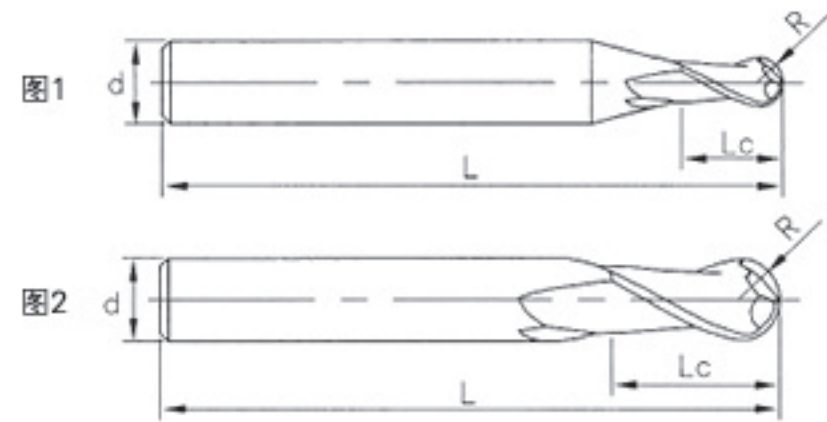
2 Flute Ballnose



WC=87 Co=12 HRA=93.1 抗折=4200N/mm² 粒径=0.4 μm

| D | 公差 Tol |
|--------|------------|
| D ≤ 12 | 0 -0.02 |
| D > 12 | 0 -0.03 |

单位unit(mm)



| R | Lc | d | L | 图号 Figure No. |
|------|----|----|-----|------------------|
| 0.5 | 2 | 3 | 50 | 图1 |
| 0.5 | 2 | 4 | 50 | 图1 |
| 0.75 | 3 | 3 | 50 | 图1 |
| 0.75 | 3 | 4 | 50 | 图1 |
| 1 | 4 | 3 | 50 | 图1 |
| 1 | 4 | 4 | 50 | 图1 |
| 1.25 | 5 | 3 | 50 | 图1 |
| 1.25 | 5 | 4 | 50 | 图1 |
| 1.5 | 6 | 3 | 50 | 图2 |
| 1.5 | 6 | 4 | 50 | 图1 |
| 1.75 | 7 | 4 | 50 | 图1 |
| 2 | 8 | 4 | 50 | 图2 |
| 0.5 | 2 | 6 | 50 | 图1 |
| 0.75 | 3 | 6 | 50 | 图1 |
| 1 | 4 | 6 | 50 | 图1 |
| 1.25 | 5 | 6 | 50 | 图1 |
| 1.5 | 6 | 6 | 50 | 图1 |
| 1.75 | 7 | 6 | 50 | 图1 |
| 2 | 8 | 6 | 50 | 图1 |
| 2.25 | 9 | 6 | 50 | 图1 |
| 2.5 | 10 | 6 | 50 | 图1 |
| 2.75 | 11 | 6 | 50 | 图1 |
| 3 | 12 | 6 | 50 | 图2 |
| 3.5 | 14 | 8 | 60 | 图1 |
| 4 | 16 | 8 | 60 | 图2 |
| 4.5 | 18 | 10 | 75 | 图1 |
| 5 | 20 | 10 | 75 | 图2 |
| 5.5 | 22 | 12 | 75 | 图1 |
| 6 | 24 | 12 | 75 | 图2 |
| 7 | 28 | 14 | 100 | 图2 |
| 8 | 32 | 16 | 100 | 图2 |
| 9 | 36 | 18 | 100 | 图2 |
| 10 | 40 | 20 | 100 | 图2 |

S630 四刃球刀

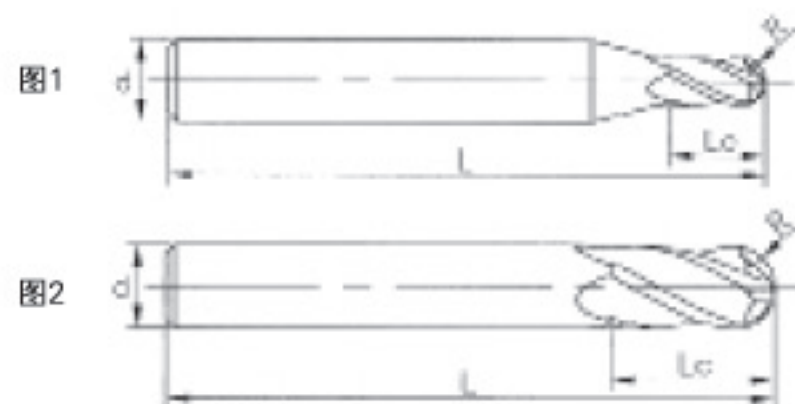
4 Flute Ballnose



WC=87 Co=12 HRA=93.1 抗折=4200N/mm² 粒径=0.4 μm

| D | 公差 Tol |
|--------|------------|
| D ≤ 12 | 0 -0.02 |
| D > 12 | 0 -0.03 |

单位unit(mm)



| R | Lc | d | L | 图号 Figure No. |
|------|----|----|-----|------------------|
| 0.5 | 2 | 3 | 50 | 图1 |
| 0.5 | 2 | 4 | 50 | 图1 |
| 0.75 | 3 | 3 | 50 | 图1 |
| 0.75 | 3 | 4 | 50 | 图1 |
| 1 | 4 | 3 | 50 | 图1 |
| 1 | 4 | 4 | 50 | 图1 |
| 1.25 | 5 | 3 | 50 | 图1 |
| 1.25 | 5 | 4 | 50 | 图1 |
| 1.5 | 6 | 3 | 50 | 图2 |
| 1.5 | 6 | 4 | 50 | 图1 |
| 1.75 | 7 | 4 | 50 | 图1 |
| 2 | 8 | 4 | 50 | 图2 |
| 0.5 | 2 | 6 | 50 | 图1 |
| 0.75 | 3 | 6 | 50 | 图1 |
| 1 | 4 | 6 | 50 | 图1 |
| 1.25 | 5 | 6 | 50 | 图1 |
| 1.5 | 6 | 6 | 50 | 图1 |
| 1.75 | 7 | 6 | 50 | 图1 |
| 2 | 8 | 6 | 50 | 图1 |
| 2.25 | 9 | 6 | 50 | 图1 |
| 2.5 | 10 | 6 | 50 | 图1 |
| 2.75 | 11 | 6 | 50 | 图1 |
| 3 | 12 | 6 | 50 | 图2 |
| 3.5 | 14 | 8 | 60 | 图1 |
| 4 | 16 | 8 | 60 | 图2 |
| 4.5 | 18 | 10 | 75 | 图1 |
| 5 | 20 | 10 | 75 | 图2 |
| 5.5 | 22 | 12 | 75 | 图1 |
| 6 | 24 | 12 | 75 | 图2 |
| 7 | 28 | 14 | 100 | 图2 |
| 8 | 32 | 16 | 100 | 图2 |
| 9 | 36 | 18 | 100 | 图2 |
| 10 | 40 | 20 | 100 | 图2 |



S630 二刃圆鼻刀

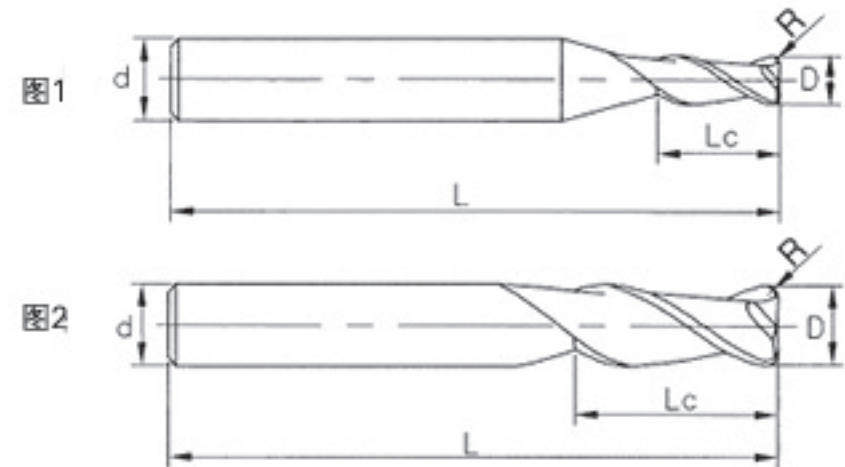
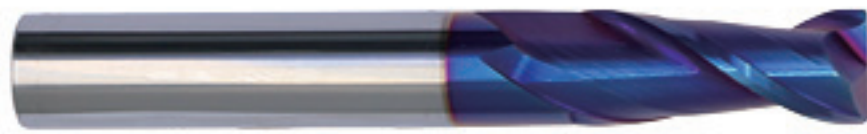
2 Flute corner radius



WC=87 Co=12 HRA=93.1 抗折=4200N/mm² 粒径=0.4 μm

| D | 公差 Tol |
|--------|------------|
| D ≤ 12 | 0 -0.02 |
| D > 12 | 0 -0.03 |

单位unit(mm)



| D | R | Lc | d | L | 图号 Figure No. |
|-----|-----|----|---|----|------------------|
| 1 | 0.1 | 3 | 4 | 50 | 图1 |
| 1 | 0.2 | 3 | 4 | 50 | 图1 |
| 1 | 0.3 | 3 | 4 | 50 | 图1 |
| 1.5 | 0.2 | 4 | 4 | 50 | 图1 |
| 1.5 | 0.3 | 4 | 4 | 50 | 图1 |
| 2 | 0.2 | 6 | 4 | 50 | 图1 |
| 2 | 0.3 | 6 | 4 | 50 | 图1 |
| 2 | 0.5 | 6 | 4 | 50 | 图1 |
| 2.5 | 0.2 | 7 | 4 | 50 | 图1 |
| 3 | 0.2 | 8 | 3 | 50 | 图2 |
| 3 | 0.3 | 8 | 3 | 50 | 图2 |
| 3 | 0.5 | 8 | 3 | 50 | 图2 |
| 3 | 1 | 8 | 3 | 50 | 图2 |
| 3 | 0.2 | 8 | 4 | 50 | 图1 |
| 3 | 0.3 | 8 | 4 | 50 | 图1 |
| 3 | 0.5 | 8 | 4 | 50 | 图1 |
| 3 | 1 | 8 | 4 | 50 | 图1 |
| 4 | 0.2 | 10 | 4 | 50 | 图2 |
| 4 | 0.3 | 10 | 4 | 50 | 图2 |
| 4 | 0.5 | 10 | 4 | 50 | 图2 |
| 4 | 1 | 10 | 4 | 50 | 图2 |
| 4 | 1.5 | 10 | 4 | 50 | 图2 |
| 5 | 0.2 | 13 | 6 | 50 | 图1 |
| 5 | 0.3 | 13 | 6 | 50 | 图1 |
| 5 | 0.5 | 13 | 6 | 50 | 图1 |
| 5 | 1 | 13 | 6 | 50 | 图1 |
| 6 | 0.2 | 15 | 6 | 50 | 图2 |
| 6 | 0.3 | 15 | 6 | 50 | 图2 |
| 6 | 0.5 | 15 | 6 | 50 | 图2 |
| 6 | 1 | 15 | 6 | 50 | 图2 |
| 6 | 1.5 | 15 | 6 | 50 | 图2 |
| 6 | 2 | 15 | 6 | 50 | 图2 |

| D | R | Lc | d | L | 图号 Figure No. |
|----|-----|----|----|----|------------------|
| 8 | 0.3 | 20 | 8 | 60 | 图2 |
| 8 | 0.5 | 20 | 8 | 60 | 图2 |
| 8 | 1 | 20 | 8 | 60 | 图2 |
| 8 | 1.5 | 20 | 8 | 60 | 图2 |
| 8 | 2 | 20 | 8 | 60 | 图2 |
| 8 | 2.5 | 20 | 8 | 60 | 图2 |
| 8 | 3 | 20 | 8 | 60 | 图2 |
| 10 | 0.3 | 25 | 10 | 75 | 图2 |
| 10 | 0.5 | 25 | 10 | 75 | 图2 |
| 10 | 1 | 25 | 10 | 75 | 图2 |
| 10 | 1.5 | 25 | 10 | 75 | 图2 |
| 10 | 2 | 25 | 10 | 75 | 图2 |
| 10 | 2.5 | 25 | 10 | 75 | 图2 |
| 10 | 3 | 25 | 10 | 75 | 图2 |
| 12 | 0.3 | 30 | 12 | 75 | 图2 |
| 12 | 0.5 | 30 | 12 | 75 | 图2 |
| 12 | 1 | 30 | 12 | 75 | 图2 |
| 12 | 1.5 | 30 | 12 | 75 | 图2 |
| 12 | 2 | 30 | 12 | 75 | 图2 |
| 12 | 2.5 | 30 | 12 | 75 | 图2 |
| 12 | 3 | 30 | 12 | 75 | 图2 |

S630 四刃圆鼻刀

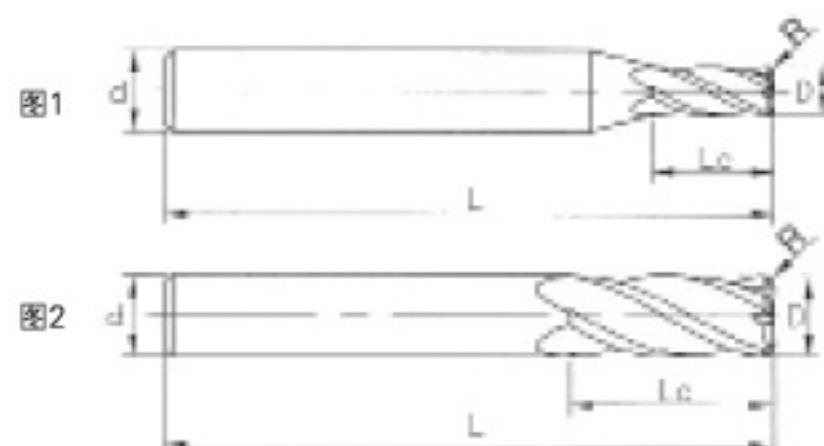
4 Flute corner radius



WC=87 Co=12 HRA=93.1 抗折=4200N/mm² 粒径=0.4 μm

| D | 公差 Tol |
|--------|------------|
| D ≤ 12 | 0 -0.02 |
| D > 12 | 0 -0.03 |

单位unit(mm)



| D | R | Lc | d | L | 图号 Figure No. |
|-----|-----|----|---|----|------------------|
| 1 | 0.1 | 3 | 4 | 50 | 图1 |
| 1 | 0.2 | 3 | 4 | 50 | 图1 |
| 1 | 0.3 | 3 | 4 | 50 | 图1 |
| 1.5 | 0.2 | 4 | 4 | 50 | 图1 |
| 1.5 | 0.3 | 4 | 4 | 50 | 图1 |
| 2 | 0.2 | 6 | 4 | 50 | 图1 |
| 2 | 0.3 | 6 | 4 | 50 | 图1 |
| 2 | 0.5 | 6 | 4 | 50 | 图1 |
| 2.5 | 0.2 | 7 | 4 | 50 | 图1 |
| 3 | 0.2 | 8 | 3 | 50 | 图2 |
| 3 | 0.3 | 8 | 3 | 50 | 图2 |
| 3 | 0.5 | 8 | 3 | 50 | 图2 |
| 3 | 1 | 8 | 3 | 50 | 图2 |
| 3 | 0.2 | 8 | 4 | 50 | 图1 |
| 3 | 0.3 | 8 | 4 | 50 | 图1 |
| 3 | 0.5 | 8 | 4 | 50 | 图1 |
| 3 | 1 | 8 | 4 | 50 | 图1 |
| 4 | 0.2 | 10 | 4 | 50 | 图2 |
| 4 | 0.3 | 10 | 4 | 50 | 图2 |
| 4 | 0.5 | 10 | 4 | 50 | 图2 |
| 4 | 1 | 10 | 4 | 50 | 图2 |
| 4 | 1.5 | 10 | 4 | 50 | 图2 |
| 5 | 0.2 | 13 | 6 | 50 | 图1 |
| 5 | 0.3 | 13 | 6 | 50 | 图1 |
| 5 | 0.5 | 13 | 6 | 50 | 图1 |
| 5 | 1 | 13 | 6 | 50 | 图1 |
| 6 | 0.2 | 15 | 6 | 50 | 图2 |
| 6 | 0.3 | 15 | 6 | 50 | 图2 |
| 6 | 0.5 | 15 | 6 | 50 | 图2 |
| 6 | 1 | 15 | 6 | 50 | 图2 |
| 6 | 1.5 | 15 | 6 | 50 | 图2 |
| 6 | 2 | 15 | 6 | 50 | 图2 |

| D | R | Lc | d | L | 图号 Figure No. |
|----|-----|----|----|----|------------------|
| 8 | 0.3 | 20 | 8 | 60 | 图2 |
| 8 | 0.5 | 20 | 8 | 60 | 图2 |
| 8 | 1 | 20 | 8 | 60 | 图2 |
| 8 | 1.5 | 20 | 8 | 60 | 图2 |
| 8 | 2 | 20 | 8 | 60 | 图2 |
| 8 | 2.5 | 20 | 8 | 60 | 图2 |
| 8 | 3 | 20 | 8 | 60 | 图2 |
| 10 | 0.3 | 25 | 10 | 75 | 图2 |
| 10 | 0.5 | 25 | 10 | 75 | 图2 |
| 10 | 1 | 25 | 10 | 75 | 图2 |
| 10 | 1.5 | 25 | 10 | 75 | 图2 |
| 10 | 2 | 25 | 10 | 75 | 图2 |
| 10 | 2.5 | 25 | 10 | 75 | 图2 |
| 10 | 3 | 25 | 10 | 75 | 图2 |
| 12 | 0.3 | 30 | 12 | 75 | 图2 |
| 12 | 0.5 | 30 | 12 | 75 | 图2 |
| 12 | 1 | 30 | 12 | 75 | 图2 |
| 12 | 1.5 | 30 | 12 | 75 | 图2 |
| 12 | 2 | 30 | 12 | 75 | 图2 |
| 12 | 2.5 | 30 | 12 | 75 | 图2 |
| 12 | 3 | 30 | 12 | 75 | 图2 |

S630 二刃加长平刀

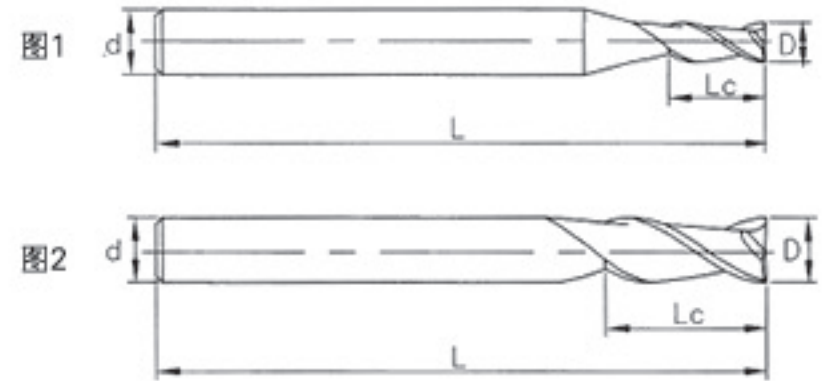
2 Flute, with long shank length



WC=87 Co=12 HRA=93.1 抗折=4200N/mm² 粒径=0.4 μm

| D | 公差 Tol |
|--------|------------|
| D ≤ 12 | 0 -0.02 |
| D > 12 | 0 -0.03 |

单位unit(mm)



| D | Lc | d | L | 图号 Figure No. |
|----|----|----|-----|------------------|
| 3 | 12 | 4 | 75 | 图1 |
| 4 | 14 | 4 | 75 | 图2 |
| 5 | 18 | 6 | 75 | 图1 |
| 6 | 21 | 6 | 75 | 图2 |
| 8 | 28 | 6 | 75 | 图1 |
| 3 | 12 | 4 | 100 | 图2 |
| 4 | 16 | 4 | 100 | 图1 |
| 5 | 20 | 6 | 100 | 图2 |
| 6 | 24 | 6 | 100 | 图2 |
| 8 | 32 | 8 | 100 | 图2 |
| 10 | 40 | 10 | 100 | 图2 |
| 12 | 45 | 12 | 100 | 图2 |
| 6 | 45 | 6 | 150 | 图2 |
| 8 | 50 | 8 | 150 | 图2 |
| 10 | 55 | 10 | 150 | 图2 |
| 12 | 60 | 12 | 150 | 图2 |
| 16 | 65 | 16 | 150 | 图2 |
| 20 | 75 | 20 | 150 | 图2 |
| 25 | 75 | 25 | 150 | 图2 |



S630 四刃加长平刀

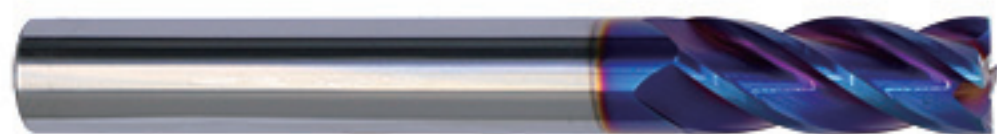
4 Flute, with long shank length



WC=87 Co=12 HRA=93.1 抗折=4200N/mm² 粒径=0.4 μm

| D | 公差 Tol |
|--------|------------|
| D ≤ 12 | 0 -0.02 |
| D > 12 | 0 -0.03 |

单位unit(mm)



| D | Lc | d | L | 图号 Figure No. |
|----|----|----|-----|------------------|
| 3 | 12 | 4 | 75 | 图1 |
| 4 | 14 | 4 | 75 | 图2 |
| 5 | 18 | 6 | 75 | 图1 |
| 6 | 21 | 6 | 75 | 图2 |
| 3 | 12 | 4 | 100 | 图2 |
| 4 | 16 | 4 | 100 | 图1 |
| 5 | 20 | 6 | 100 | 图2 |
| 6 | 24 | 6 | 100 | 图2 |
| 8 | 32 | 8 | 100 | 图2 |
| 10 | 40 | 10 | 100 | 图2 |
| 12 | 45 | 12 | 100 | 图2 |
| 6 | 45 | 6 | 150 | 图2 |
| 8 | 50 | 8 | 150 | 图2 |
| 10 | 55 | 10 | 150 | 图2 |
| 12 | 60 | 12 | 150 | 图2 |
| 16 | 65 | 16 | 150 | 图2 |
| 20 | 75 | 20 | 150 | 图2 |
| 25 | 75 | 25 | 150 | 图2 |



S630 二刃加长球刀

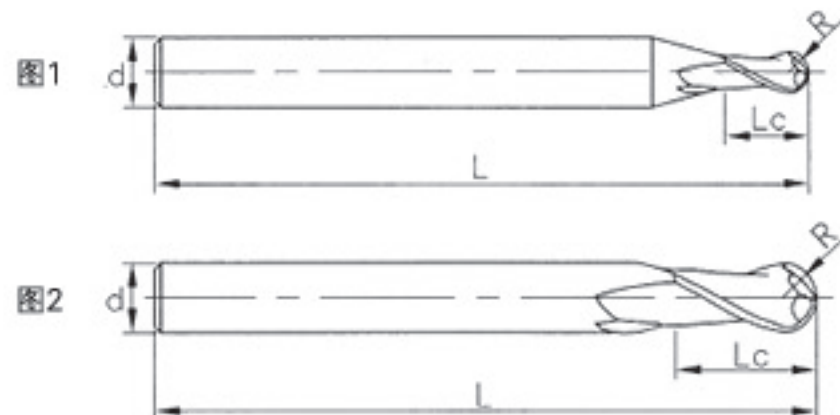
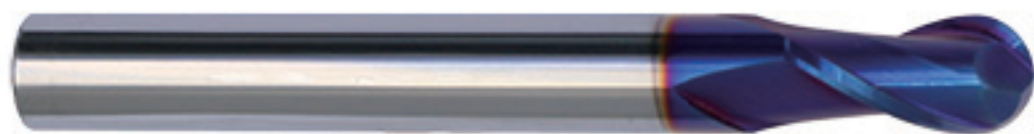
2 Flute Ballnose



WC=87 Co=12 HRA=93.1 抗折=4200N/mm² 粒径=0.4 μm

| D | 公差 Tol |
|--------|------------|
| D ≤ 12 | 0 -0.02 |
| D > 12 | 0 -0.03 |

单位unit(mm)



| R | Lc | d | L | 图号 Figure No. |
|------|----|----|-----|------------------|
| 0.5 | 2 | 6 | 75 | 图1 |
| 0.5 | 2 | 6 | 100 | 图1 |
| 0.75 | 3 | 6 | 75 | 图1 |
| 0.75 | 3 | 6 | 100 | 图1 |
| 1 | 4 | 6 | 75 | 图1 |
| 1 | 4 | 6 | 100 | 图1 |
| 1.25 | 5 | 6 | 75 | 图1 |
| 1.25 | 5 | 6 | 100 | 图1 |
| 1.5 | 6 | 6 | 75 | 图1 |
| 1.5 | 6 | 6 | 100 | 图1 |
| 1.75 | 7 | 6 | 100 | 图1 |
| 2 | 8 | 6 | 75 | 图1 |
| 2 | 8 | 6 | 100 | 图1 |
| 2.5 | 10 | 6 | 75 | 图1 |
| 2.5 | 10 | 6 | 100 | 图1 |
| 3 | 12 | 6 | 75 | 图2 |
| 3 | 12 | 6 | 100 | 图2 |
| 3 | 12 | 6 | 150 | 图2 |
| 4 | 16 | 8 | 75 | 图2 |
| 4 | 16 | 8 | 100 | 图2 |
| 4 | 16 | 8 | 150 | 图2 |
| 5 | 20 | 10 | 100 | 图2 |
| 5 | 20 | 10 | 150 | 图2 |
| 6 | 24 | 12 | 100 | 图2 |
| 6 | 24 | 12 | 150 | 图2 |
| 7 | 28 | 14 | 150 | 图2 |
| 8 | 32 | 16 | 150 | 图2 |
| 9 | 36 | 18 | 150 | 图2 |
| 10 | 40 | 20 | 150 | 图2 |

S630 四刃加长球刀

4 Flute Ballnose



WC=87 Co=12 HRA=93.1 抗折=4200N/mm² 粒径=0.4 μm

| D | 公差 Tol |
|--------|------------|
| D ≤ 12 | 0 -0.02 |
| D > 12 | 0 -0.03 |

单位unit(mm)



| R | Lc | d | L | 图号 Figure No. |
|------|----|----|-----|------------------|
| 0.5 | 2 | 6 | 75 | 图1 |
| 0.5 | 2 | 6 | 100 | 图1 |
| 0.75 | 3 | 6 | 75 | 图1 |
| 0.75 | 3 | 6 | 100 | 图1 |
| 1 | 4 | 6 | 75 | 图1 |
| 1 | 4 | 6 | 100 | 图1 |
| 1.25 | 5 | 6 | 75 | 图1 |
| 1.25 | 5 | 6 | 100 | 图1 |
| 1.5 | 6 | 6 | 75 | 图1 |
| 1.5 | 6 | 6 | 100 | 图1 |
| 1.75 | 7 | 6 | 100 | 图1 |
| 2 | 8 | 6 | 75 | 图1 |
| 2 | 8 | 6 | 100 | 图1 |
| 2.5 | 10 | 6 | 75 | 图1 |
| 2.5 | 10 | 6 | 100 | 图1 |
| 3 | 12 | 6 | 75 | 图2 |
| 3 | 12 | 6 | 100 | 图2 |
| 3 | 12 | 6 | 150 | 图2 |
| 4 | 16 | 8 | 75 | 图2 |
| 4 | 16 | 8 | 100 | 图2 |
| 4 | 16 | 8 | 150 | 图2 |
| 5 | 20 | 10 | 100 | 图2 |
| 5 | 20 | 10 | 150 | 图2 |
| 6 | 24 | 12 | 100 | 图2 |
| 6 | 24 | 12 | 150 | 图2 |
| 7 | 28 | 14 | 150 | 图2 |
| 8 | 32 | 16 | 150 | 图2 |
| 9 | 36 | 18 | 150 | 图2 |
| 10 | 40 | 20 | 150 | 图2 |



S630 二刃加长圆鼻刀

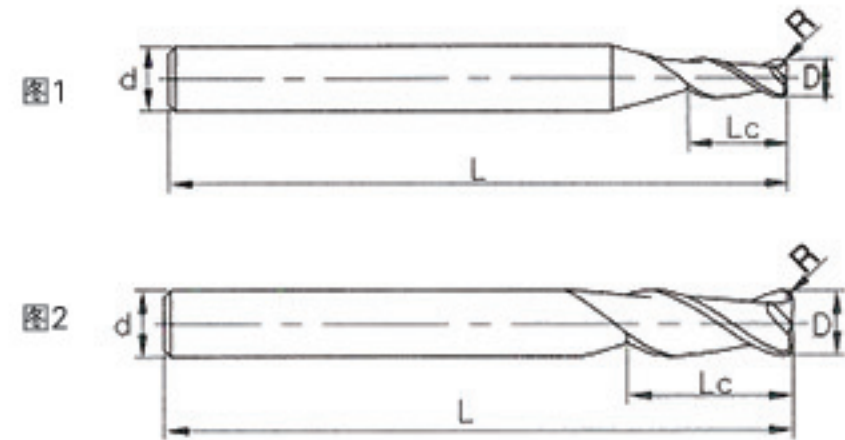
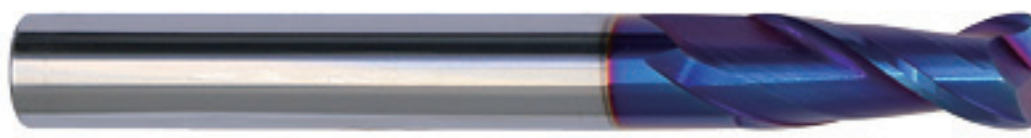
2 Flute corner radius, with long shank length



WC=87 Co=12 HRA=93.1 抗折=4200N/mm² 粒径=0.4 μm

| D | 公差 Tol |
|--------|------------|
| D ≤ 12 | 0 -0.02 |
| D > 12 | 0 -0.03 |

单位unit(mm)



| D | R | Lc | d | L | 图号 Figure No. |
|----|-----|----|----|-----|------------------|
| 3 | 0.3 | 8 | 3 | 75 | 图2 |
| 3 | 0.5 | 8 | 3 | 75 | 图2 |
| 3 | 1 | 8 | 3 | 75 | 图2 |
| 4 | 0.3 | 10 | 4 | 75 | 图2 |
| 4 | 0.5 | 10 | 4 | 75 | 图2 |
| 4 | 1 | 10 | 4 | 75 | 图2 |
| 4 | 1.5 | 10 | 4 | 75 | 图2 |
| 4 | 0.3 | 16 | 4 | 100 | 图2 |
| 4 | 0.5 | 16 | 4 | 100 | 图2 |
| 6 | 0.3 | 15 | 6 | 75 | 图2 |
| 6 | 0.5 | 15 | 6 | 75 | 图2 |
| 6 | 0.3 | 18 | 6 | 100 | 图2 |
| 6 | 0.5 | 18 | 6 | 100 | 图2 |
| 6 | 1 | 18 | 6 | 100 | 图2 |
| 6 | 1.5 | 18 | 6 | 100 | 图2 |
| 6 | 2 | 18 | 6 | 100 | 图2 |
| 8 | 0.3 | 20 | 8 | 75 | 图2 |
| 8 | 0.5 | 20 | 8 | 75 | 图2 |
| 8 | 0.3 | 24 | 8 | 100 | 图2 |
| 8 | 0.5 | 24 | 8 | 100 | 图2 |
| 8 | 1 | 24 | 8 | 100 | 图2 |
| 8 | 1.5 | 24 | 8 | 100 | 图2 |
| 8 | 2 | 24 | 8 | 100 | 图2 |
| 8 | 2.5 | 24 | 8 | 100 | 图2 |
| 8 | 3 | 24 | 8 | 100 | 图2 |
| 10 | 0.3 | 30 | 10 | 100 | 图2 |
| 10 | 0.5 | 30 | 10 | 100 | 图2 |
| 10 | 1 | 30 | 10 | 100 | 图2 |
| 10 | 1.5 | 30 | 10 | 100 | 图2 |
| 10 | 2 | 30 | 10 | 100 | 图2 |
| 10 | 2.5 | 30 | 10 | 100 | 图2 |
| 10 | 3 | 30 | 10 | 100 | 图2 |
| 12 | 0.3 | 35 | 12 | 100 | 图2 |
| 12 | 0.5 | 35 | 12 | 100 | 图2 |
| 12 | 1 | 35 | 12 | 100 | 图2 |
| 12 | 1.5 | 35 | 12 | 100 | 图2 |
| 12 | 2 | 35 | 12 | 100 | 图2 |
| 12 | 2.5 | 35 | 12 | 100 | 图2 |
| 12 | 3 | 35 | 12 | 100 | 图2 |

S630 四刃加长圆鼻刀

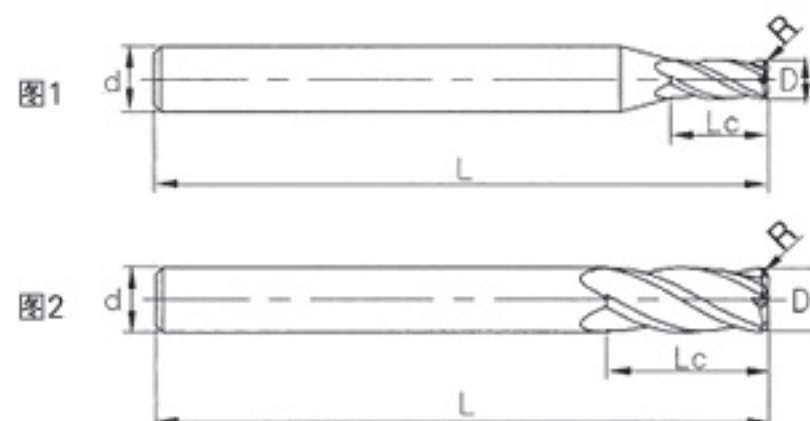
2 Flute corner radius, with long shank length



WC=87 Co=12 HRA=93.1 抗折=4200N/mm² 粒径=0.4 μm

| D | 公差 Tol |
|--------|------------|
| D ≤ 12 | 0 -0.02 |
| D > 12 | 0 -0.03 |

单位unit(mm)



| D | R | Lc | d | L | 图号 Figure No. |
|----|-----|----|----|-----|------------------|
| 3 | 0.3 | 8 | 3 | 75 | 图2 |
| 3 | 0.5 | 8 | 3 | 75 | 图2 |
| 3 | 1 | 8 | 3 | 75 | 图2 |
| 4 | 0.3 | 10 | 4 | 75 | 图2 |
| 4 | 0.5 | 10 | 4 | 75 | 图2 |
| 4 | 1 | 10 | 4 | 75 | 图2 |
| 4 | 1.5 | 10 | 4 | 75 | 图2 |
| 4 | 0.3 | 16 | 4 | 100 | 图2 |
| 4 | 0.5 | 16 | 4 | 100 | 图2 |
| 6 | 0.3 | 15 | 6 | 75 | 图2 |
| 6 | 0.5 | 15 | 6 | 75 | 图2 |
| 6 | 0.3 | 18 | 6 | 100 | 图2 |
| 6 | 0.5 | 18 | 6 | 100 | 图2 |
| 6 | 1 | 18 | 6 | 100 | 图2 |
| 6 | 1.5 | 18 | 6 | 100 | 图2 |
| 6 | 2 | 18 | 6 | 100 | 图2 |
| 8 | 0.3 | 20 | 8 | 75 | 图2 |
| 8 | 0.5 | 20 | 8 | 75 | 图2 |
| 8 | 0.3 | 24 | 8 | 100 | 图2 |
| 8 | 0.5 | 24 | 8 | 100 | 图2 |
| 8 | 1 | 24 | 8 | 100 | 图2 |
| 8 | 1.5 | 24 | 8 | 100 | 图2 |
| 8 | 2 | 24 | 8 | 100 | 图2 |
| 8 | 2.5 | 24 | 8 | 100 | 图2 |
| 8 | 3 | 24 | 8 | 100 | 图2 |
| 10 | 0.3 | 30 | 10 | 100 | 图2 |
| 10 | 0.5 | 30 | 10 | 100 | 图2 |
| 10 | 1 | 30 | 10 | 100 | 图2 |
| 10 | 1.5 | 30 | 10 | 100 | 图2 |
| 10 | 2 | 30 | 10 | 100 | 图2 |
| 10 | 2.5 | 30 | 10 | 100 | 图2 |
| 10 | 3 | 30 | 10 | 100 | 图2 |
| 12 | 0.3 | 35 | 12 | 100 | 图2 |
| 12 | 0.5 | 35 | 12 | 100 | 图2 |
| 12 | 1 | 35 | 12 | 100 | 图2 |
| 12 | 1.5 | 35 | 12 | 100 | 图2 |
| 12 | 2 | 35 | 12 | 100 | 图2 |
| 12 | 2.5 | 35 | 12 | 100 | 图2 |
| 12 | 3 | 35 | 12 | 100 | 图2 |



S630 六刃铣刀

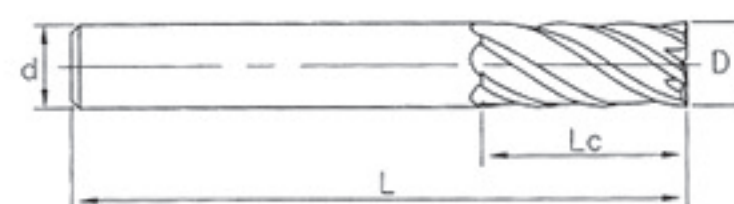
6 Flute, Standard Length



WC=87 Co=12 HRA=93.1 抗折=4200N/mm² 粒径=0.4 μm

| D | 公差 Tol |
|--------|------------|
| D ≤ 12 | 0 -0.02 |
| D > 12 | 0 -0.03 |

单位unit(mm)



| D | Lc | d | L |
|----|----|----|-----|
| 6 | 15 | 6 | 50 |
| 8 | 20 | 8 | 60 |
| 10 | 25 | 10 | 75 |
| 12 | 30 | 12 | 75 |
| 16 | 40 | 16 | 100 |

S650 四刃平刀

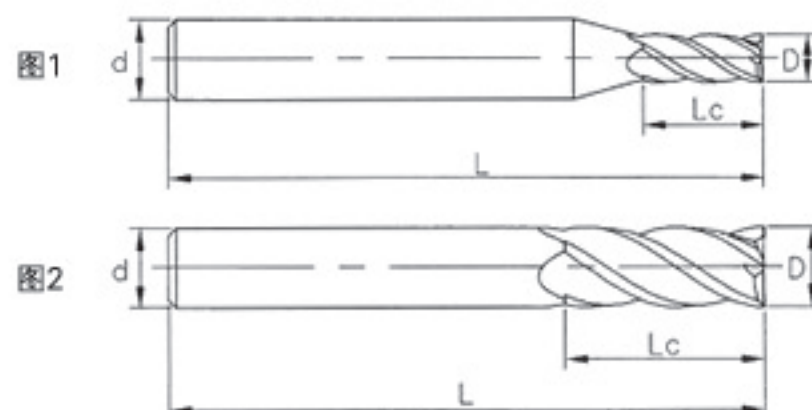
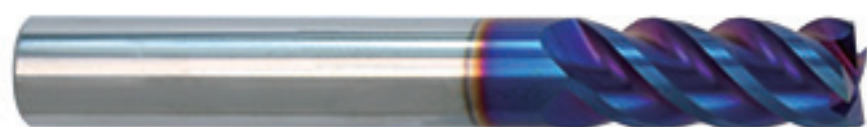
4 Flute, Standard Length



WC=86 Co=13 HRA=93.5 抗折=4200N/mm² 粒径=0.3 μm

| D | 公差 Tol |
|--------|------------|
| D ≤ 12 | 0 -0.02 |
| D > 12 | 0 -0.03 |

单位unit(mm)



| D | Lc | d | L | 图号 Figure No. |
|-----|----|----|-----|------------------|
| 1 | 3 | 3 | 50 | 图1 |
| 1.5 | 4 | 3 | 50 | 图1 |
| 2 | 6 | 3 | 50 | 图1 |
| 2.5 | 7 | 3 | 50 | 图1 |
| 3 | 8 | 3 | 50 | 图2 |
| 1 | 3 | 4 | 50 | 图1 |
| 1.5 | 4 | 4 | 50 | 图1 |
| 2 | 6 | 4 | 50 | 图1 |
| 2.5 | 7 | 4 | 50 | 图1 |
| 3 | 8 | 4 | 50 | 图1 |
| 3.5 | 10 | 4 | 50 | 图1 |
| 4 | 11 | 4 | 50 | 图2 |
| 1 | 3 | 6 | 50 | 图1 |
| 1.5 | 4 | 6 | 50 | 图1 |
| 2 | 6 | 6 | 50 | 图1 |
| 2.5 | 7 | 6 | 50 | 图1 |
| 3 | 8 | 6 | 50 | 图1 |
| 3.5 | 10 | 6 | 50 | 图1 |
| 4 | 11 | 6 | 50 | 图1 |
| 5 | 13 | 6 | 50 | 图1 |
| 6 | 15 | 6 | 50 | 图2 |
| 7 | 18 | 8 | 60 | 图1 |
| 8 | 20 | 8 | 60 | 图2 |
| 9 | 22 | 10 | 75 | 图1 |
| 10 | 25 | 10 | 75 | 图2 |
| 11 | 30 | 12 | 75 | 图1 |
| 12 | 30 | 12 | 75 | 图2 |
| 14 | 40 | 14 | 100 | 图2 |
| 16 | 40 | 16 | 100 | 图2 |
| 18 | 45 | 18 | 100 | 图2 |
| 20 | 45 | 20 | 100 | 图2 |
| 25 | 50 | 25 | 100 | 图2 |



S650 四刃加长平刀

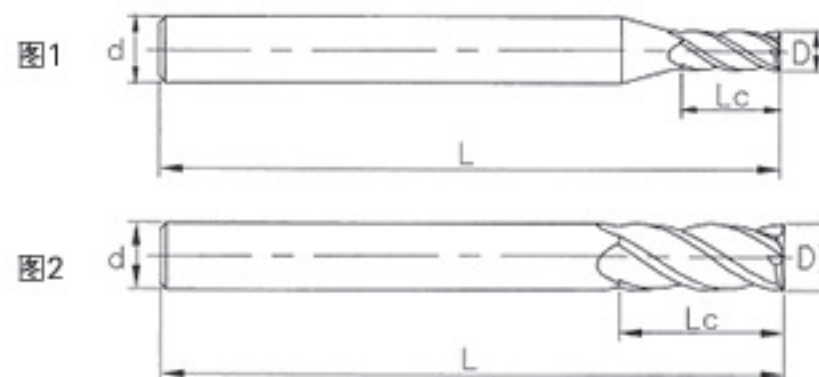
4 Flute, with long shank length



WC=86 Co=13 HRA=93.5 抗折=4200N/mm² 粒径=0.3 μm

| D | 公差 Tol |
|--------|------------|
| D ≤ 12 | 0 -0.02 |
| D > 12 | 0 -0.03 |

单位unit(mm)



| D | Lc | d | L | 图号 Figure No. |
|----|----|----|-----|------------------|
| 3 | 12 | 4 | 75 | 图1 |
| 4 | 14 | 4 | 75 | 图2 |
| 5 | 18 | 6 | 75 | 图1 |
| 6 | 21 | 6 | 75 | 图2 |
| 3 | 12 | 4 | 100 | 图2 |
| 4 | 16 | 4 | 100 | 图1 |
| 5 | 20 | 6 | 100 | 图2 |
| 6 | 24 | 6 | 100 | 图2 |
| 8 | 32 | 8 | 100 | 图2 |
| 10 | 40 | 10 | 100 | 图2 |
| 12 | 45 | 12 | 100 | 图2 |
| 6 | 45 | 6 | 150 | 图2 |
| 8 | 50 | 8 | 150 | 图2 |
| 10 | 55 | 10 | 150 | 图2 |
| 12 | 60 | 12 | 150 | 图2 |
| 16 | 65 | 16 | 150 | 图2 |
| 20 | 75 | 20 | 150 | 图2 |
| 25 | 75 | 25 | 150 | 图2 |

S650 四刃球刀

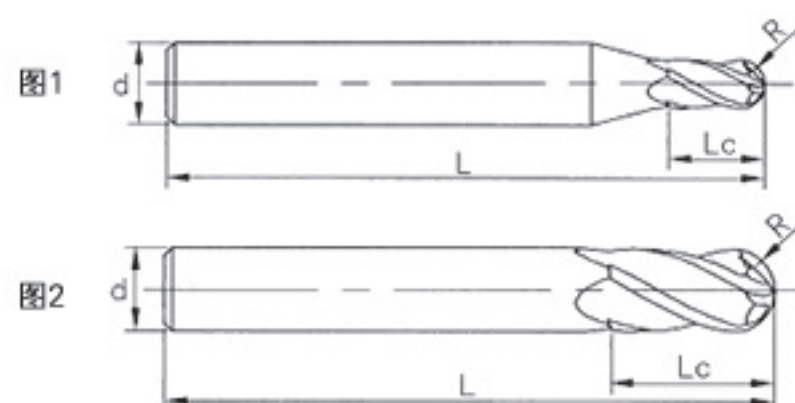
4 Flute Ballnose



WC=86 Co=13 HRA=93.5 抗折=4200N/mm² 粒径=0.3 μm

| D | 公差 Tol |
|--------|------------|
| D ≤ 12 | 0 -0.02 |
| D > 12 | 0 -0.03 |

单位unit(mm)



| R | Lc | d | L | 图号 Figure No. |
|------|----|----|-----|------------------|
| 0.5 | 2 | 3 | 50 | 图1 |
| 0.5 | 2 | 4 | 50 | 图1 |
| 0.75 | 3 | 3 | 50 | 图1 |
| 0.75 | 3 | 4 | 50 | 图1 |
| 1 | 4 | 3 | 50 | 图1 |
| 1 | 4 | 4 | 50 | 图1 |
| 1.25 | 5 | 3 | 50 | 图1 |
| 1.25 | 5 | 4 | 50 | 图1 |
| 1.5 | 6 | 3 | 50 | 图2 |
| 1.5 | 6 | 4 | 50 | 图1 |
| 1.75 | 7 | 4 | 50 | 图1 |
| 2 | 8 | 4 | 50 | 图2 |
| 0.5 | 2 | 6 | 50 | 图1 |
| 0.75 | 3 | 6 | 50 | 图1 |
| 1 | 4 | 6 | 50 | 图1 |
| 1.25 | 5 | 6 | 50 | 图1 |
| 1.5 | 6 | 6 | 50 | 图1 |
| 1.75 | 7 | 6 | 50 | 图1 |
| 2 | 8 | 6 | 50 | 图1 |
| 2.25 | 9 | 6 | 50 | 图1 |
| 2.5 | 10 | 6 | 50 | 图1 |
| 2.75 | 11 | 6 | 50 | 图1 |
| 3 | 12 | 6 | 50 | 图2 |
| 3.5 | 14 | 8 | 60 | 图1 |
| 4 | 16 | 8 | 60 | 图2 |
| 4.5 | 18 | 10 | 75 | 图1 |
| 5 | 20 | 10 | 75 | 图2 |
| 5.5 | 22 | 12 | 75 | 图1 |
| 6 | 24 | 12 | 75 | 图2 |
| 7 | 28 | 14 | 100 | 图2 |
| 8 | 32 | 16 | 100 | 图2 |
| 9 | 36 | 18 | 100 | 图2 |
| 10 | 40 | 20 | 100 | 图2 |

S650 四刃加长球刀

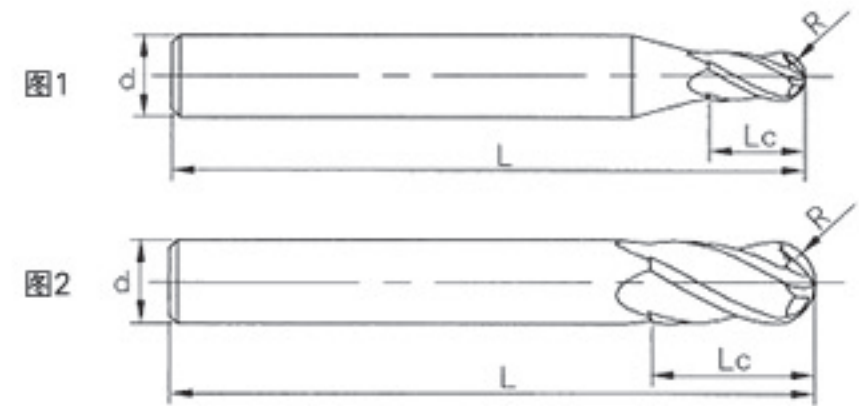
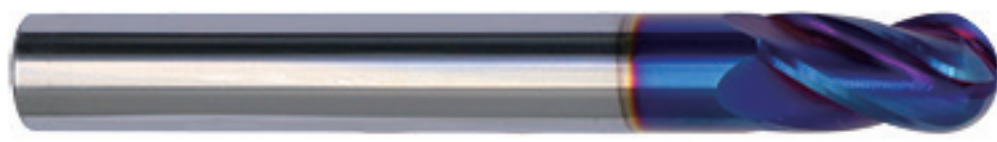
4 Flute Ballnose



WC=86 Co=13 HRA=93.5 抗折=4200N/mm² 粒径=0.3 μm

| D | 公差 Tol |
|--------|------------|
| D ≤ 12 | 0 -0.02 |
| D > 12 | 0 -0.03 |

单位unit(mm)



| R | Lc | d | L | 图号 Figure No. |
|------|----|----|-----|------------------|
| 0.5 | 2 | 6 | 75 | 图1 |
| 0.5 | 2 | 6 | 100 | 图1 |
| 0.75 | 3 | 6 | 75 | 图1 |
| 0.75 | 3 | 6 | 100 | 图1 |
| 1 | 4 | 6 | 75 | 图1 |
| 1 | 4 | 6 | 100 | 图1 |
| 1.25 | 5 | 6 | 75 | 图1 |
| 1.25 | 5 | 6 | 100 | 图1 |
| 1.5 | 6 | 6 | 75 | 图1 |
| 1.5 | 6 | 6 | 100 | 图1 |
| 1.75 | 7 | 6 | 100 | 图1 |
| 2 | 8 | 6 | 75 | 图1 |
| 2 | 8 | 6 | 100 | 图1 |
| 2.5 | 10 | 6 | 75 | 图1 |
| 2.5 | 10 | 6 | 100 | 图1 |
| 3 | 12 | 6 | 75 | 图2 |
| 3 | 12 | 6 | 100 | 图2 |
| 3 | 12 | 6 | 150 | 图2 |
| 4 | 16 | 8 | 75 | 图2 |
| 4 | 16 | 8 | 100 | 图2 |
| 4 | 16 | 8 | 150 | 图2 |
| 5 | 20 | 10 | 100 | 图2 |
| 5 | 20 | 10 | 150 | 图2 |
| 6 | 24 | 12 | 100 | 图2 |
| 6 | 24 | 12 | 150 | 图2 |
| 7 | 28 | 14 | 150 | 图2 |
| 8 | 32 | 16 | 150 | 图2 |
| 9 | 36 | 18 | 150 | 图2 |
| 10 | 40 | 20 | 150 | 图2 |

S650 二刃球刀

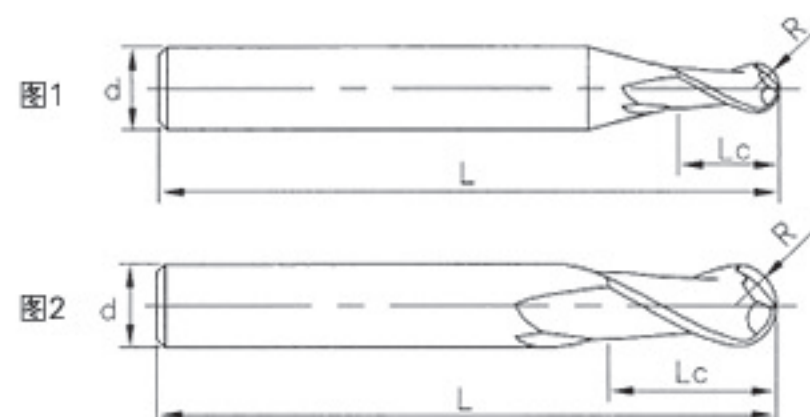
2 Flute Ballnose



WC=86 Co=13 HRA=93.5 抗折=4200N/mm² 粒径=0.3 μm

| D | 公差 Tol |
|--------|------------|
| D ≤ 12 | 0 -0.02 |
| D > 12 | 0 -0.03 |

单位unit(mm)



| R | Lc | d | L | 图号 Figure No. |
|------|----|----|-----|------------------|
| 0.5 | 2 | 3 | 50 | 图1 |
| 0.5 | 2 | 4 | 50 | 图1 |
| 0.75 | 3 | 3 | 50 | 图1 |
| 0.75 | 3 | 4 | 50 | 图1 |
| 1 | 4 | 3 | 50 | 图1 |
| 1 | 4 | 4 | 50 | 图1 |
| 1.25 | 5 | 3 | 50 | 图1 |
| 1.25 | 5 | 4 | 50 | 图1 |
| 1.5 | 6 | 3 | 50 | 图2 |
| 1.5 | 6 | 4 | 50 | 图1 |
| 1.75 | 7 | 4 | 50 | 图1 |
| 2 | 8 | 4 | 50 | 图2 |
| 0.5 | 2 | 6 | 50 | 图1 |
| 0.75 | 3 | 6 | 50 | 图1 |
| 1 | 4 | 6 | 50 | 图1 |
| 1.25 | 5 | 6 | 50 | 图1 |
| 1.5 | 6 | 6 | 50 | 图1 |
| 1.75 | 7 | 6 | 50 | 图1 |
| 2 | 8 | 6 | 50 | 图1 |
| 2.25 | 9 | 6 | 50 | 图1 |
| 2.5 | 10 | 6 | 50 | 图1 |
| 2.75 | 11 | 6 | 50 | 图1 |
| 3 | 12 | 6 | 50 | 图2 |
| 3.5 | 14 | 8 | 60 | 图1 |
| 4 | 16 | 8 | 60 | 图2 |
| 4.5 | 18 | 10 | 75 | 图1 |
| 5 | 20 | 10 | 75 | 图2 |
| 5.5 | 22 | 12 | 75 | 图1 |
| 6 | 24 | 12 | 75 | 图2 |
| 7 | 28 | 14 | 100 | 图2 |
| 8 | 32 | 16 | 100 | 图2 |
| 9 | 36 | 18 | 100 | 图2 |
| 10 | 40 | 20 | 100 | 图2 |



S650 二刃加长球刀

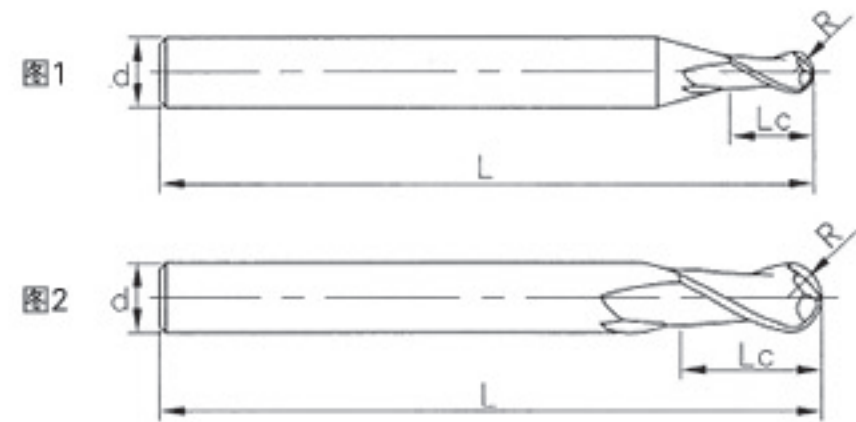
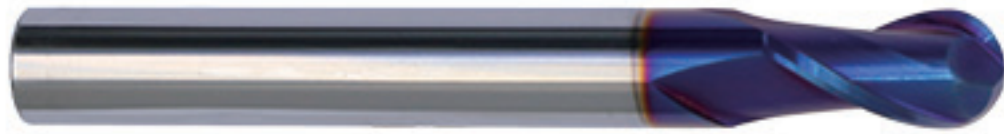
2 Flute Ballnose



WC=86 Co=13 HRA=93.5 抗折=4200N/mm² 粒径=0.3 μm

| D | 公差 Tol |
|--------|------------|
| D ≤ 12 | 0 -0.02 |
| D > 12 | 0 -0.03 |

单位unit(mm)



| R | Lc | d | L | 图号 Figure No. |
|------|----|----|-----|------------------|
| 0.5 | 2 | 6 | 75 | 图1 |
| 0.5 | 2 | 6 | 100 | 图1 |
| 0.75 | 3 | 6 | 75 | 图1 |
| 0.75 | 3 | 6 | 100 | 图1 |
| 1 | 4 | 6 | 75 | 图1 |
| 1 | 4 | 6 | 100 | 图1 |
| 1.25 | 5 | 6 | 75 | 图1 |
| 1.25 | 5 | 6 | 100 | 图1 |
| 1.5 | 6 | 6 | 75 | 图1 |
| 1.5 | 6 | 6 | 100 | 图1 |
| 1.75 | 7 | 6 | 100 | 图1 |
| 2 | 8 | 6 | 75 | 图1 |
| 2 | 8 | 6 | 100 | 图1 |
| 2.5 | 10 | 6 | 75 | 图1 |
| 2.5 | 10 | 6 | 100 | 图1 |
| 3 | 12 | 6 | 75 | 图2 |
| 3 | 12 | 6 | 100 | 图2 |
| 3 | 12 | 6 | 150 | 图2 |
| 4 | 16 | 8 | 75 | 图2 |
| 4 | 16 | 8 | 100 | 图2 |
| 4 | 16 | 8 | 150 | 图2 |
| 5 | 20 | 10 | 100 | 图2 |
| 5 | 20 | 10 | 150 | 图2 |
| 6 | 24 | 12 | 100 | 图2 |
| 6 | 24 | 12 | 150 | 图2 |
| 7 | 28 | 14 | 150 | 图2 |
| 8 | 32 | 16 | 150 | 图2 |
| 9 | 36 | 18 | 150 | 图2 |
| 10 | 40 | 20 | 150 | 图2 |

S650 四刃圆鼻刀

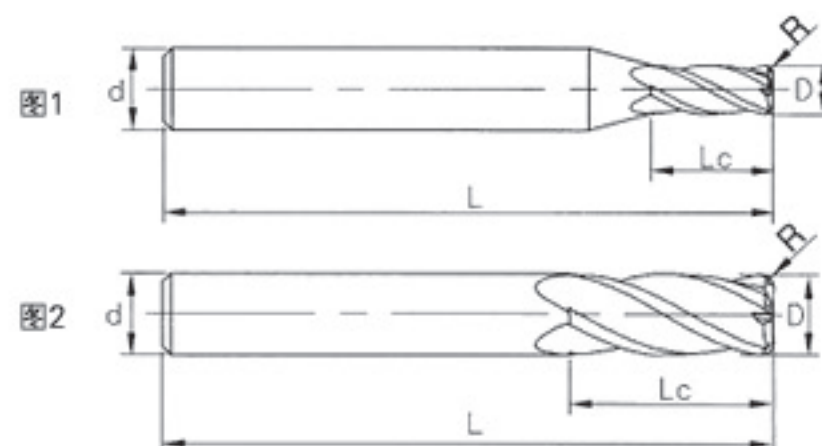
4 Flute corner radius



WC=86 Co=13 HRA=93.5 抗折=4200N/mm² 粒径=0.3 μm

| D | 公差 Tol |
|--------|------------|
| D ≤ 12 | 0 -0.02 |
| D > 12 | 0 -0.03 |

单位unit(mm)



| D | R | Lc | d | L | 图号 Figure No. |
|-----|-----|----|---|----|------------------|
| 1 | 0.1 | 3 | 4 | 50 | 图1 |
| 1 | 0.2 | 3 | 4 | 50 | 图1 |
| 1 | 0.3 | 3 | 4 | 50 | 图1 |
| 1.5 | 0.2 | 4 | 4 | 50 | 图1 |
| 1.5 | 0.3 | 4 | 4 | 50 | 图1 |
| 2 | 0.2 | 6 | 4 | 50 | 图1 |
| 2 | 0.3 | 6 | 4 | 50 | 图1 |
| 2 | 0.5 | 6 | 4 | 50 | 图1 |
| 2.5 | 0.2 | 7 | 4 | 50 | 图1 |
| 3 | 0.2 | 8 | 3 | 50 | 图2 |
| 3 | 0.3 | 8 | 3 | 50 | 图2 |
| 3 | 0.5 | 8 | 3 | 50 | 图2 |
| 3 | 1 | 8 | 3 | 50 | 图2 |
| 3 | 0.2 | 8 | 4 | 50 | 图1 |
| 3 | 0.3 | 8 | 4 | 50 | 图1 |
| 3 | 0.5 | 8 | 4 | 50 | 图1 |
| 3 | 1 | 8 | 4 | 50 | 图1 |
| 4 | 0.2 | 10 | 4 | 50 | 图2 |
| 4 | 0.3 | 10 | 4 | 50 | 图2 |
| 4 | 0.5 | 10 | 4 | 50 | 图2 |
| 4 | 1 | 10 | 4 | 50 | 图2 |
| 4 | 1.5 | 10 | 4 | 50 | 图2 |
| 5 | 0.2 | 13 | 6 | 50 | 图1 |
| 5 | 0.3 | 13 | 6 | 50 | 图1 |
| 5 | 0.5 | 13 | 6 | 50 | 图1 |
| 5 | 1 | 13 | 6 | 50 | 图1 |
| 6 | 0.2 | 15 | 6 | 50 | 图2 |
| 6 | 0.3 | 15 | 6 | 50 | 图2 |
| 6 | 0.5 | 15 | 6 | 50 | 图2 |
| 6 | 1 | 15 | 6 | 50 | 图2 |
| 6 | 1.5 | 15 | 6 | 50 | 图2 |
| 6 | 2 | 15 | 6 | 50 | 图2 |

| D | R | Lc | d | L | 图号 Figure No. |
|----|-----|----|----|----|------------------|
| 8 | 0.3 | 20 | 8 | 60 | 图2 |
| 8 | 0.5 | 20 | 8 | 60 | 图2 |
| 8 | 1 | 20 | 8 | 60 | 图2 |
| 8 | 1.5 | 20 | 8 | 60 | 图2 |
| 8 | 2 | 20 | 8 | 60 | 图2 |
| 8 | 2.5 | 20 | 8 | 60 | 图2 |
| 8 | 3 | 20 | 8 | 60 | 图2 |
| 10 | 0.3 | 25 | 10 | 75 | 图2 |
| 10 | 0.5 | 25 | 10 | 75 | 图2 |
| 10 | 1 | 25 | 10 | 75 | 图2 |
| 10 | 1.5 | 25 | 10 | 75 | 图2 |
| 10 | 2 | 25 | 10 | 75 | 图2 |
| 10 | 2.5 | 25 | 10 | 75 | 图2 |
| 10 | 3 | 25 | 10 | 75 | 图2 |
| 12 | 0.3 | 30 | 12 | 75 | 图2 |
| 12 | 0.5 | 30 | 12 | 75 | 图2 |
| 12 | 1 | 30 | 12 | 75 | 图2 |
| 12 | 1.5 | 30 | 12 | 75 | 图2 |
| 12 | 2 | 30 | 12 | 75 | 图2 |
| 12 | 2.5 | 30 | 12 | 75 | 图2 |
| 12 | 3 | 30 | 12 | 75 | 图2 |



S650 四刃加长圆鼻刀

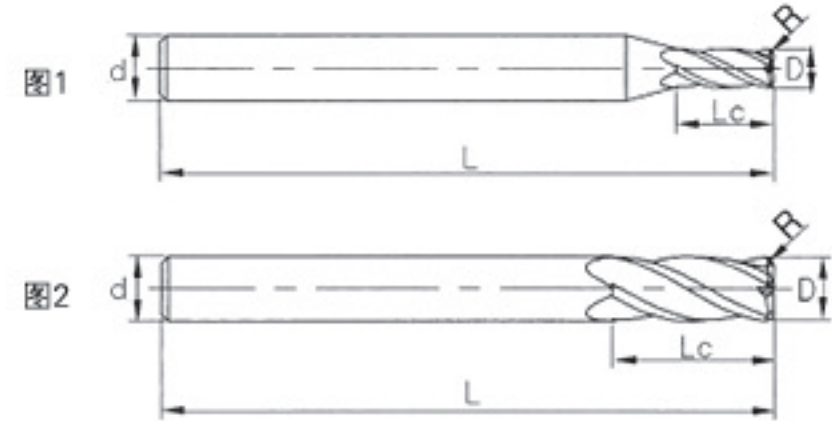
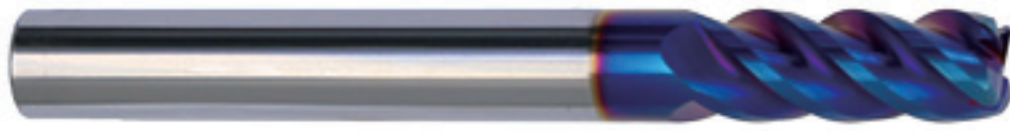
2 Flute corner radius, with long shank length



WC=86 Co=13 HRA=93.5 抗折=4200N/mm² 粒径=0.3 μm

| D | 公差 Tol |
|--------|------------|
| D ≤ 12 | 0 -0.02 |
| D > 12 | 0 -0.03 |

单位unit(mm)



| D | R | Lc | d | L | 图号 Figure No. |
|----|-----|----|----|-----|------------------|
| 3 | 0.3 | 8 | 3 | 75 | 图1 |
| 3 | 0.5 | 8 | 3 | 75 | 图1 |
| 3 | 1 | 8 | 3 | 75 | 图1 |
| 4 | 0.3 | 10 | 4 | 75 | 图1 |
| 4 | 0.5 | 10 | 4 | 75 | 图1 |
| 4 | 1 | 10 | 4 | 75 | 图1 |
| 4 | 1.5 | 10 | 4 | 75 | 图1 |
| 4 | 0.3 | 16 | 4 | 100 | 图1 |
| 4 | 0.5 | 16 | 4 | 100 | 图1 |
| 6 | 0.3 | 15 | 6 | 75 | 图1 |
| 6 | 0.5 | 15 | 6 | 75 | 图1 |
| 6 | 0.3 | 18 | 6 | 100 | 图1 |
| 6 | 0.5 | 18 | 6 | 100 | 图1 |
| 6 | 1 | 18 | 6 | 100 | 图1 |
| 6 | 1.5 | 18 | 6 | 100 | 图1 |
| 6 | 2 | 18 | 6 | 100 | 图2 |
| 8 | 0.3 | 20 | 8 | 75 | 图2 |
| 8 | 0.5 | 20 | 8 | 75 | 图2 |
| 8 | 0.3 | 20 | 8 | 100 | 图2 |
| 8 | 0.5 | 20 | 8 | 100 | 图2 |
| 8 | 1 | 20 | 8 | 100 | 图2 |
| 8 | 1.5 | 20 | 8 | 100 | 图2 |
| 8 | 2 | 20 | 8 | 100 | 图2 |
| 8 | 2.5 | 20 | 8 | 100 | 图2 |
| 8 | 3 | 20 | 8 | 100 | 图2 |
| 10 | 0.3 | 25 | 10 | 100 | 图2 |
| 10 | 0.5 | 25 | 10 | 100 | 图2 |
| 10 | 1 | 25 | 10 | 100 | 图2 |
| 10 | 1.5 | 25 | 10 | 100 | 图2 |
| 10 | 2 | 25 | 10 | 100 | 图2 |
| 10 | 2.5 | 25 | 10 | 100 | 图2 |
| 10 | 3 | 25 | 10 | 100 | 图2 |
| 12 | 0.3 | 30 | 12 | 100 | 图2 |
| 12 | 0.5 | 30 | 12 | 100 | 图2 |
| 12 | 1 | 30 | 12 | 100 | 图2 |
| 12 | 1.5 | 30 | 12 | 100 | 图2 |
| 12 | 2 | 30 | 12 | 100 | 图2 |
| 12 | 2.5 | 30 | 12 | 100 | 图2 |
| 12 | 3 | 30 | 12 | 100 | 图2 |

S550 二刃锥度铣刀

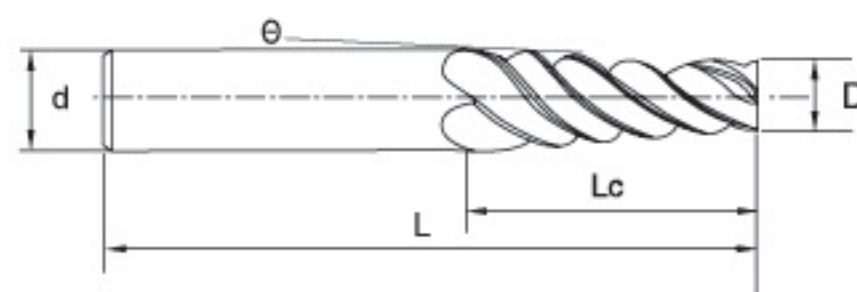
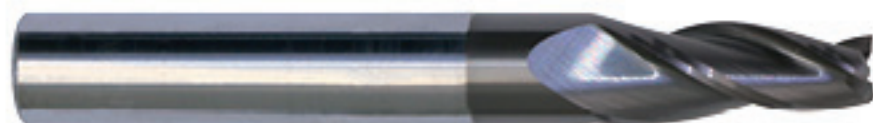
2 Flute, Taper cutter



WC=87 Co=12 HRA=91.8 抗折=4000N/mm² 粒径=0.4 μm

| D | 公差 Tol |
|--------|------------|
| D ≤ 12 | 0 -0.02 |
| D > 12 | 0 -0.03 |

单位unit(mm)



| D | Lc | d | L | θ |
|----|------|----|-----|-----|
| 5 | 45 | 10 | 115 | 3° |
| 5 | 35 | 10 | 115 | 4° |
| 5 | 40 | 12 | 115 | 5° |
| 5 | 45 | 16 | 115 | 7° |
| 5 | 40 | 20 | 115 | 10° |
| 6 | 38 | 10 | 115 | 3° |
| 6 | 40 | 12 | 115 | 4° |
| 6 | 35 | 12 | 115 | 5° |
| 6 | 40 | 16 | 115 | 7° |
| 6 | 40 | 20 | 115 | 10° |
| 8 | 38 | 12 | 115 | 3° |
| 8 | 28.6 | 12 | 135 | 4° |
| 8 | 45 | 16 | 135 | 5° |
| 8 | 45 | 20 | 135 | 7° |
| 8 | 45 | 25 | 135 | 10° |
| 10 | 55 | 16 | 140 | 3° |
| 10 | 43 | 16 | 140 | 4° |
| 10 | 34 | 16 | 140 | 5° |
| 10 | 40 | 20 | 140 | 7° |
| 10 | 42 | 25 | 140 | 10° |
| 12 | 38 | 16 | 140 | 3° |
| 12 | 28 | 16 | 140 | 4° |
| 12 | 45 | 20 | 140 | 5° |
| 12 | 53 | 25 | 140 | 7° |
| 12 | 56 | 32 | 140 | 10° |
| 16 | 38 | 20 | 160 | 3° |
| 16 | 28 | 20 | 160 | 4° |
| 16 | 51 | 25 | 160 | 5° |
| 16 | 65 | 32 | 160 | 7° |
| 16 | 45 | 32 | 160 | 10° |



S550 二刃锥度球刀

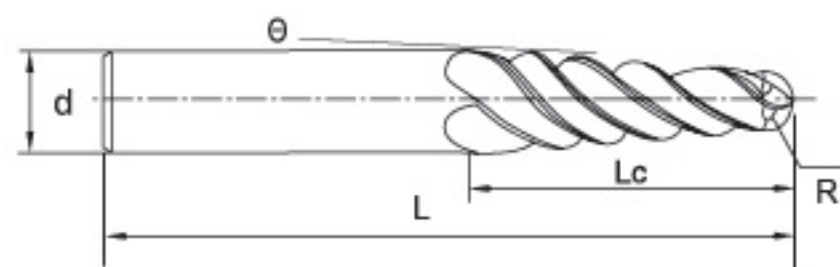
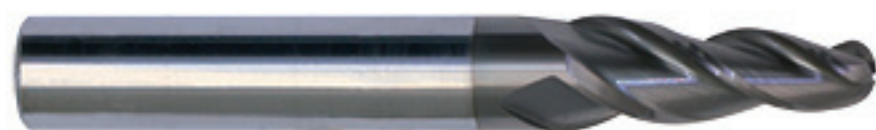
2 Flute Taper spher mill



WC=87 Co=12 HRA=91.8 抗折=4000N/mm² 粒径=0.4 μm

| D | 公差 Tol |
|--------|------------|
| D ≤ 12 | 0 -0.02 |
| D > 12 | 0 -0.03 |

单位unit(mm)



| R | Lc | d | L | θ |
|-----|------|----|-----|-----|
| 2.5 | 45 | 10 | 115 | 3° |
| 2.5 | 35 | 10 | 115 | 4° |
| 2.5 | 40 | 12 | 115 | 5° |
| 2.5 | 45 | 16 | 115 | 7° |
| 2.5 | 40 | 20 | 115 | 10° |
| 3 | 38 | 10 | 115 | 3° |
| 3 | 40 | 12 | 115 | 4° |
| 3 | 35 | 12 | 115 | 5° |
| 3 | 40 | 16 | 115 | 7° |
| 3 | 40 | 20 | 115 | 10° |
| 4 | 38 | 12 | 115 | 3° |
| 4 | 28.6 | 12 | 135 | 4° |
| 4 | 45 | 16 | 135 | 5° |
| 4 | 45 | 20 | 135 | 7° |
| 4 | 45 | 25 | 135 | 10° |
| 5 | 55 | 16 | 140 | 3° |
| 5 | 43 | 16 | 140 | 4° |
| 5 | 34 | 16 | 140 | 5° |
| 5 | 40 | 20 | 140 | 7° |
| 5 | 42 | 25 | 140 | 10° |
| 6 | 38 | 16 | 140 | 3° |
| 6 | 28 | 16 | 140 | 4° |
| 6 | 45 | 20 | 140 | 5° |
| 6 | 53 | 25 | 140 | 7° |
| 6 | 56 | 32 | 140 | 10° |
| 8 | 38 | 20 | 140 | 3° |
| 8 | 28 | 20 | 160 | 4° |
| 8 | 51 | 25 | 160 | 5° |
| 8 | 65 | 32 | 160 | 7° |
| 8 | 45 | 32 | 160 | 10° |
| 10 | 63 | 25 | 170 | 3° |
| 10 | 63 | 32 | 170 | 4° |
| 10 | 63 | 32 | 170 | 5° |
| 10 | 63 | 32 | 170 | 7° |
| 10 | 63 | 40 | 170 | 10° |

S600 不锈钢四刃平刀

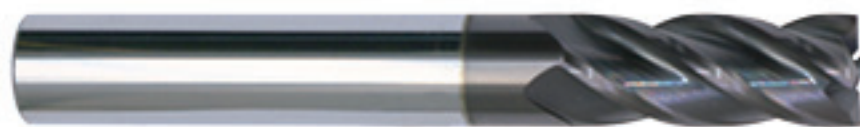
4 Flute, Stainless steel milling cutter



WC=87 Co=13 HRA=92.5 抗折=4200N/mm² 粒径=0.4 μm

| D | 公差 Tol |
|--------|------------|
| D ≤ 12 | 0 -0.02 |
| D > 12 | 0 -0.03 |

单位unit(mm)



| D | Lc | d | L | 图号 Figure No. |
|-----|-----|----|----|------------------|
| 0.9 | 2.7 | 4 | 50 | 图1 |
| 1 | 3 | 4 | 50 | 图1 |
| 1.5 | 4.5 | 4 | 50 | 图1 |
| 2 | 6 | 4 | 50 | 图1 |
| 2.5 | 7.5 | 4 | 50 | 图1 |
| 3 | 8 | 4 | 50 | 图1 |
| 4 | 10 | 4 | 50 | 图2 |
| 5 | 13 | 6 | 50 | 图1 |
| 6 | 15 | 6 | 50 | 图2 |
| 8 | 20 | 8 | 60 | 图2 |
| 10 | 25 | 10 | 75 | 图2 |
| 12 | 30 | 12 | 75 | 图2 |



S600 钛合金铣刀

Titanium alloy milling cutter



WC=87 Co=13 HRA=92.5 抗折=4200N/mm² 粒径=0.4 μm

| D | 公差 Tol |
|--------|------------|
| D ≤ 12 | 0 -0.02 |
| D > 12 | 0 -0.03 |

单位unit(mm)



| D | LC | d | L |
|----|----|----|-----|
| 4 | 10 | 4 | 50 |
| 6 | 15 | 6 | 50 |
| 8 | 20 | 8 | 60 |
| 10 | 25 | 10 | 75 |
| 12 | 30 | 12 | 75 |
| 16 | 40 | 16 | 100 |

D

E

S600 金属陶瓷铣刀

Metal ceramic cutter



| D | 公差 Tol |
|--------|------------|
| D ≤ 12 | 0 -0.02 |
| D > 12 | 0 -0.03 |

单位unit(mm)



| D | LC | d | L |
|----|----|----|-----|
| 4 | 10 | 4 | 50 |
| 6 | 15 | 6 | 50 |
| 8 | 20 | 8 | 60 |
| 10 | 25 | 10 | 75 |
| 12 | 30 | 12 | 75 |
| 16 | 40 | 16 | 100 |

S650 石墨铣刀

2 Flute, For Graphite



WC=93 Co=6 HRA=92 抗折=4200N/mm² 粒径=0.4 μm

| D | 公差 Tol |
|--------|------------|
| D ≤ 12 | 0 -0.02 |
| D > 12 | 0 -0.03 |

单位unit(mm)



| D | Lc | d | L | 图号 Figure No. |
|----|----|----|-----|------------------|
| 4 | 10 | 4 | 50 | 图2 |
| 6 | 15 | 6 | 50 | 图2 |
| 8 | 20 | 8 | 60 | 图2 |
| 10 | 25 | 10 | 75 | 图2 |
| 12 | 30 | 12 | 75 | 图2 |
| 16 | 40 | 16 | 100 | 图2 |

S650 石墨球刀

2 Flute For Graphite Ballnose



WC=93 Co=6 HRA=92 抗折=4200N/mm² 粒径=0.4 μm

| D | 公差 Tol |
|--------|------------|
| D ≤ 12 | 0 -0.02 |
| D > 12 | 0 -0.03 |

单位unit(mm)



| D | Lc | d | L | 图号 Figure No. |
|---|----|----|-----|------------------|
| 2 | 10 | 4 | 50 | 图2 |
| 3 | 15 | 6 | 50 | 图2 |
| 4 | 20 | 8 | 60 | 图2 |
| 5 | 25 | 10 | 75 | 图2 |
| 6 | 30 | 12 | 75 | 图2 |
| 8 | 40 | 16 | 100 | 图2 |



S650 强力球刀

2 Flute For Graphite Ballnose



WC=91 Co=9 HRA=93.5 抗折=4200N/mm² 粒径=0.3 μm

| D | 公差 Tol |
|--------|------------|
| D ≤ 12 | 0 -0.02 |
| D > 12 | 0 -0.03 |

单位unit(mm)



| R | Lc | d | L |
|--------|-----|----|-----|
| 2R0.3 | 0.8 | 6 | 60 |
| 2R0.5 | 0.8 | 6 | 60 |
| 3R0.75 | 1.2 | 6 | 60 |
| 3R1 | 1.2 | 6 | 60 |
| 4R0.5 | 1.6 | 6 | 75 |
| 4R1 | 1.6 | 6 | 75 |
| 5R1 | 2 | 6 | 75 |
| 5R1.2 | 2 | 6 | 75 |
| 6R1 | 2.5 | 6 | 100 |
| 6R1.5 | 2.5 | 6 | 100 |
| 8R1 | 3.5 | 8 | 100 |
| 8R2 | 3.5 | 8 | 100 |
| 9R2 | 4 | 8 | 100 |
| 10R1 | 4 | 10 | 100 |
| 10R2 | 4 | 10 | 100 |
| 12R1 | 5 | 12 | 100 |
| 12R2 | 5 | 12 | 100 |
| 12R3 | 5 | 12 | 100 |

G

S650 强力圆鼻刀

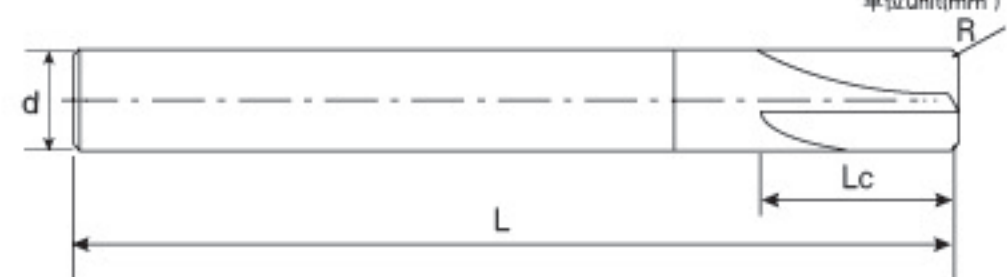
corner radius



WC=91 Co=9 HRA=93.5 抗折=4200N/mm² 粒径=0.3 μm

| D | 公差 Tol |
|--------|------------|
| D ≤ 12 | 0 -0.02 |
| D > 12 | 0 -0.03 |

单位unit(mm)



| R | Lc | d | L |
|------|-----|----|----|
| 0.5 | 1 | 6 | 50 |
| 0.75 | 1.5 | 6 | 50 |
| 1 | 2 | 6 | 50 |
| 1.25 | 2.5 | 6 | 50 |
| 1.5 | 3 | 6 | 50 |
| 2 | 4 | 4 | 50 |
| 2 | 4 | 6 | 50 |
| 2.5 | 5 | 6 | 50 |
| 3 | 6 | 6 | 50 |
| 4 | 8 | 8 | 60 |
| 5 | 10 | 10 | 75 |
| 6 | 12 | 12 | 75 |



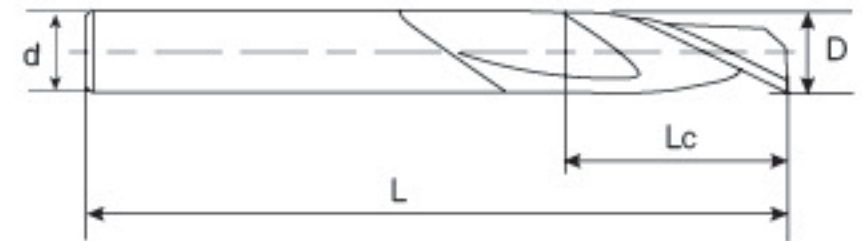
S550 右旋单刃刀

Single blade Milling cutter

WC=87 Co=12 HRA=91.8 抗折=4000N/mm² 粒径=0.4 μ m

| D | 公差 Tol |
|--------|------------|
| D ≤ 12 | 0 -0.02 |
| D > 12 | 0 -0.03 |

单位unit(mm)



| D | Lc | d | L |
|----|----|----|----|
| 3 | 9 | 3 | 40 |
| 4 | 12 | 4 | 50 |
| 5 | 16 | 5 | 50 |
| 6 | 17 | 6 | 60 |
| 8 | 21 | 8 | 60 |
| 10 | 22 | 10 | 70 |
| 12 | 25 | 12 | 75 |
| 14 | 25 | 14 | 80 |
| 16 | 32 | 16 | 80 |

S550 左旋单刃刀

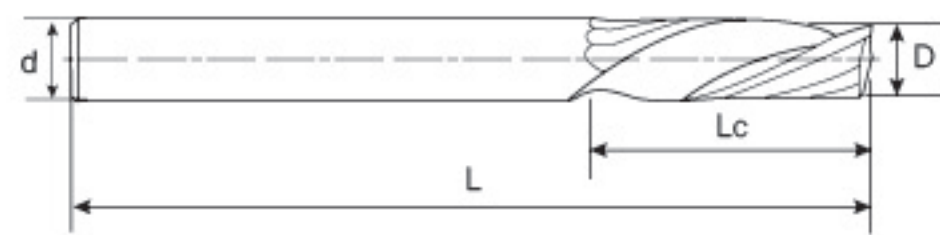
Single blade Milling cutter

WC=87 Co=12 HRA=91.8 抗折=4000N/mm² 粒径=0.4 μ m



| D | 公差 Tol |
|--------|------------|
| D ≤ 12 | 0 -0.02 |
| D > 12 | 0 -0.03 |

单位unit(mm)



| D | Lc | d | L |
|----|----|----|----|
| 3 | 9 | 3 | 40 |
| 4 | 12 | 4 | 50 |
| 5 | 16 | 5 | 50 |
| 6 | 17 | 6 | 60 |
| 8 | 21 | 8 | 60 |
| 10 | 22 | 10 | 70 |
| 12 | 25 | 12 | 75 |
| 14 | 25 | 14 | 80 |
| 16 | 32 | 16 | 80 |



S550 复合材料刀

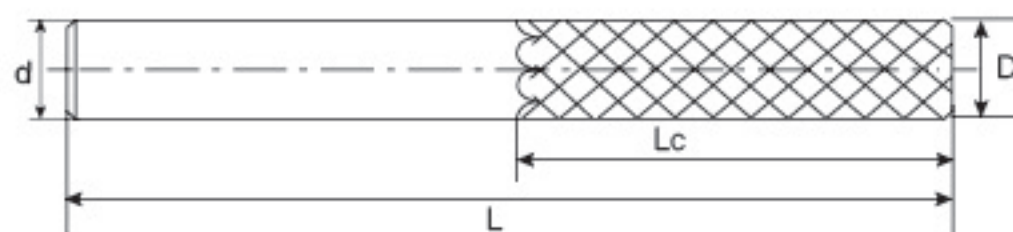
Composite cutter



WC=87 Co=12 HRA=91.8 抗折=4000N/mm² 粒径=0.4 μm

| D | 公差 Tol |
|--------|------------|
| D ≤ 12 | 0 -0.02 |
| D > 12 | 0 -0.03 |

单位unit(mm)



| D | Lc | d | L |
|----|----|----|----|
| 3 | 12 | 3 | 40 |
| 4 | 15 | 4 | 50 |
| 6 | 18 | 6 | 50 |
| 8 | 22 | 8 | 60 |
| 10 | 30 | 10 | 70 |
| 12 | 30 | 12 | 75 |

S550 木工刀

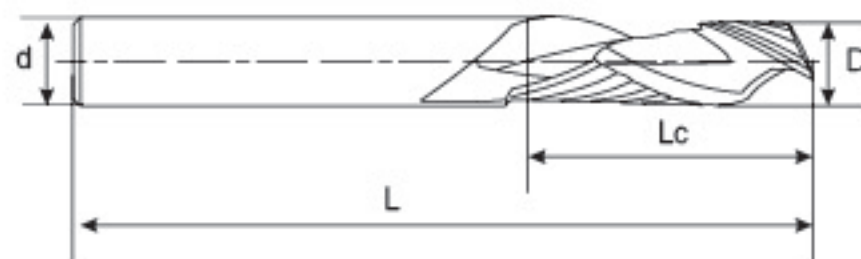
Woodworking milling cutters



WC=87 Co=12 HRA=91.8 抗折=4000N/mm² 粒径=0.4 μm

| D | 公差 Tol |
|--------|------------|
| D ≤ 12 | 0 -0.02 |
| D > 12 | 0 -0.03 |

单位unit(mm)



| D | Lc | d | L |
|----|----|----|-----|
| 10 | 20 | 10 | 70 |
| 10 | 30 | 10 | 80 |
| 12 | 30 | 12 | 80 |
| 12 | 40 | 12 | 100 |
| 12 | 50 | 12 | 100 |
| 14 | 30 | 14 | 80 |
| 14 | 40 | 14 | 100 |
| 14 | 50 | 14 | 100 |
| 16 | 30 | 16 | 80 |
| 16 | 40 | 16 | 100 |
| 16 | 50 | 16 | 100 |

S500 二刃铝用刀

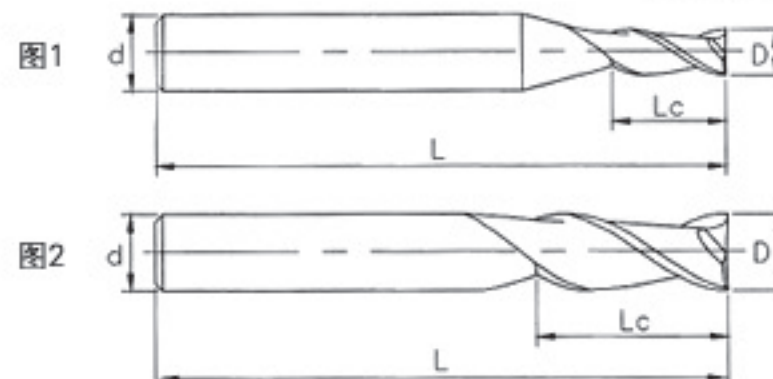
2 Flute, Aluminum Standard Length



WC=90 Co=10 HRA=91.2 抗折=3800N/mm² 粒径=0.6 μm

| D | 公差 Tol |
|--------|------------|
| D ≤ 12 | 0 -0.02 |
| D > 12 | 0 -0.03 |

单位unit(mm)



| D | Lc | d | L | 图号 Figure No. |
|-----|----|----|-----|------------------|
| 1 | 3 | 4 | 50 | 图1 |
| 1.5 | 5 | 4 | 50 | 图1 |
| 2 | 6 | 4 | 50 | 图1 |
| 2.5 | 8 | 4 | 50 | 图1 |
| 3 | 9 | 4 | 50 | 图1 |
| 4 | 12 | 4 | 50 | 图2 |
| 3 | 9 | 6 | 50 | 图1 |
| 4 | 12 | 6 | 50 | 图1 |
| 5 | 15 | 6 | 50 | 图1 |
| 6 | 18 | 6 | 50 | 图2 |
| 8 | 24 | 8 | 60 | 图2 |
| 10 | 30 | 10 | 75 | 图2 |
| 12 | 35 | 12 | 75 | 图2 |
| 16 | 45 | 16 | 100 | 图2 |
| 20 | 50 | 20 | 100 | 图2 |

S500 二刃加长铝用刀

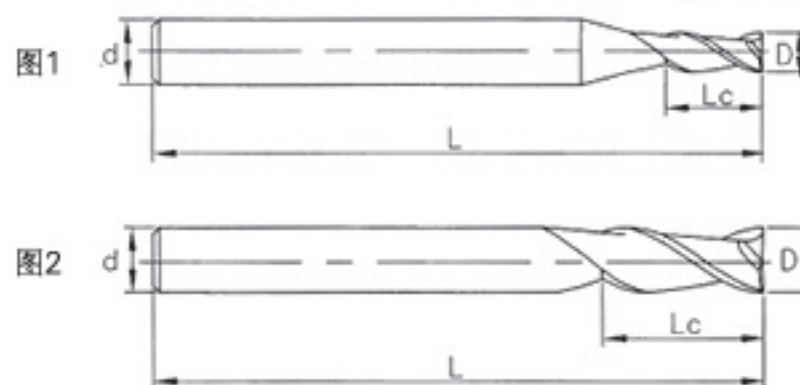
2 Flute, Aluminum Standard Length



WC=90 Co=10 HRA=91.2 抗折=3800N/mm² 粒径=0.6 μm

| D | 公差 Tol |
|--------|------------|
| D ≤ 12 | 0 -0.02 |
| D > 12 | 0 -0.03 |

单位unit(mm)



| D | Lc | d | L | 图号 Figure No. |
|-----|----|----|-----|------------------|
| 1 | 8 | 4 | 75 | 图1 |
| 1.5 | 8 | 4 | 75 | 图1 |
| 2 | 8 | 4 | 75 | 图1 |
| 2.5 | 10 | 4 | 75 | 图1 |
| 3 | 12 | 4 | 75 | 图1 |
| 4 | 16 | 4 | 75 | 图2 |
| 3 | 12 | 6 | 75 | 图1 |
| 4 | 16 | 6 | 75 | 图1 |
| 5 | 20 | 6 | 75 | 图1 |
| 6 | 24 | 6 | 75 | 图2 |
| 8 | 32 | 8 | 75 | 图2 |
| 10 | 40 | 10 | 100 | 图2 |
| 12 | 45 | 12 | 100 | 图2 |
| 16 | 65 | 16 | 150 | 图2 |
| 20 | 75 | 20 | 150 | 图2 |



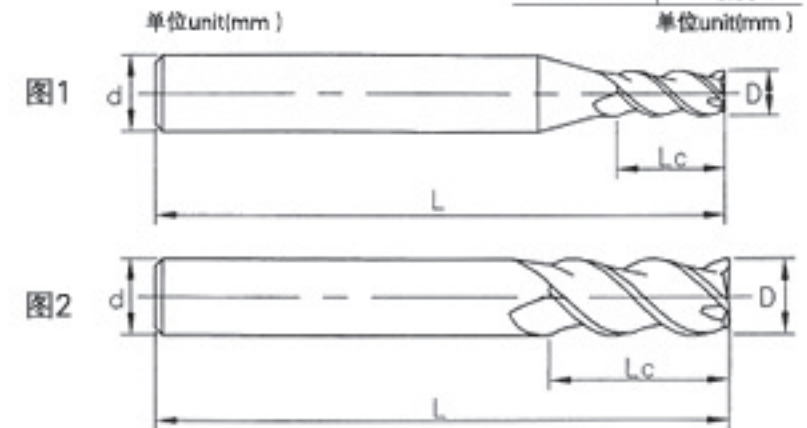
S500 三刃铝用刀

3 Flute, Aluminum Standard Length

WC=90 Co=10 HRA=91.2 抗折=3800N/mm² 粒径=0.6 μm



| D | 公差 Tol |
|--------|------------|
| D ≤ 12 | 0 -0.02 |
| D > 12 | 0 -0.03 |



| D | Lc | d | L | 图号 Figure No. |
|-----|----|----|-----|------------------|
| 1 | 3 | 4 | 50 | 图1 |
| 1.5 | 5 | 4 | 50 | 图1 |
| 2 | 6 | 4 | 50 | 图1 |
| 2.5 | 8 | 4 | 50 | 图1 |
| 3 | 9 | 4 | 50 | 图1 |
| 4 | 12 | 4 | 50 | 图2 |
| 3 | 9 | 6 | 50 | 图1 |
| 4 | 12 | 6 | 50 | 图1 |
| 5 | 15 | 6 | 50 | 图1 |
| 6 | 18 | 6 | 50 | 图2 |
| 8 | 24 | 8 | 60 | 图2 |
| 10 | 30 | 10 | 75 | 图2 |
| 12 | 35 | 12 | 75 | 图2 |
| 16 | 45 | 16 | 100 | 图2 |
| 20 | 50 | 20 | 100 | 图2 |

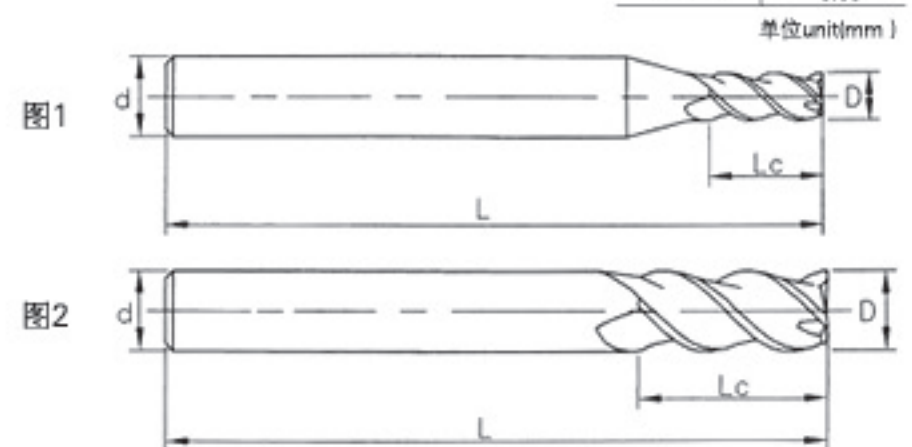
S500 三刃加长铝用刀

3 Flute, Aluminum Standard Length

WC=90 Co=10 HRA=91.2 抗折=3800N/mm² 粒径=0.6 μm



| D | 公差 Tol |
|--------|------------|
| D ≤ 12 | 0 -0.02 |
| D > 12 | 0 -0.03 |



| D | Lc | d | L | 图号 Figure No. |
|-----|----|----|-----|------------------|
| 1 | 8 | 4 | 75 | 图1 |
| 1.5 | 8 | 4 | 75 | 图1 |
| 2 | 8 | 4 | 75 | 图1 |
| 2.5 | 10 | 4 | 75 | 图1 |
| 3 | 12 | 4 | 75 | 图1 |
| 4 | 16 | 4 | 75 | 图2 |
| 3 | 12 | 6 | 75 | 图1 |
| 4 | 16 | 6 | 75 | 图1 |
| 5 | 20 | 6 | 75 | 图1 |
| 6 | 24 | 6 | 75 | 图2 |
| 8 | 32 | 8 | 75 | 图2 |
| 10 | 40 | 10 | 100 | 图2 |
| 12 | 45 | 12 | 100 | 图2 |
| 16 | 65 | 16 | 150 | 图2 |
| 20 | 75 | 20 | 150 | 图2 |

S500 二刃铝用刀

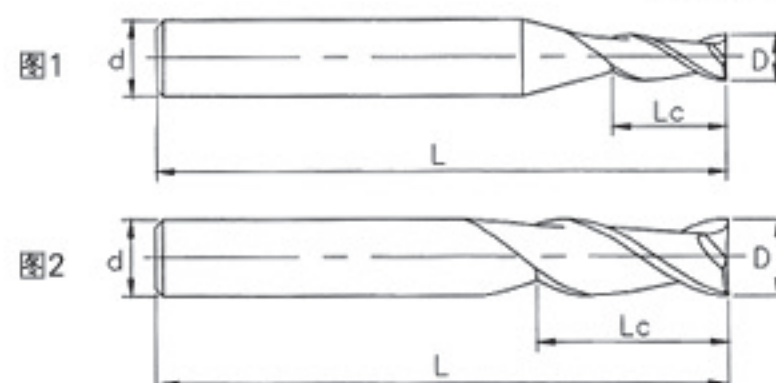
2 Flute, Aluminum Standard Length



WC=90 Co=10 HRA=91.2 抗折=3800N/mm² 粒径=0.6 μm

| D | 公差 Tol |
|--------|------------|
| D ≤ 12 | 0 -0.02 |
| D > 12 | 0 -0.03 |

单位unit(mm)



| D | Lc | d | L | 图号 Figure No. |
|-----|----|----|-----|------------------|
| 1 | 3 | 4 | 50 | 图1 |
| 1.5 | 5 | 4 | 50 | 图1 |
| 2 | 6 | 4 | 50 | 图1 |
| 2.5 | 8 | 4 | 50 | 图1 |
| 3 | 9 | 4 | 50 | 图1 |
| 4 | 12 | 4 | 50 | 图2 |
| 3 | 9 | 6 | 50 | 图1 |
| 4 | 12 | 6 | 50 | 图1 |
| 5 | 15 | 6 | 50 | 图1 |
| 6 | 18 | 6 | 50 | 图2 |
| 8 | 24 | 8 | 60 | 图2 |
| 10 | 30 | 10 | 75 | 图2 |
| 12 | 35 | 12 | 75 | 图2 |
| 16 | 45 | 16 | 100 | 图2 |
| 20 | 50 | 20 | 100 | 图2 |

S500 三刃铝用刀

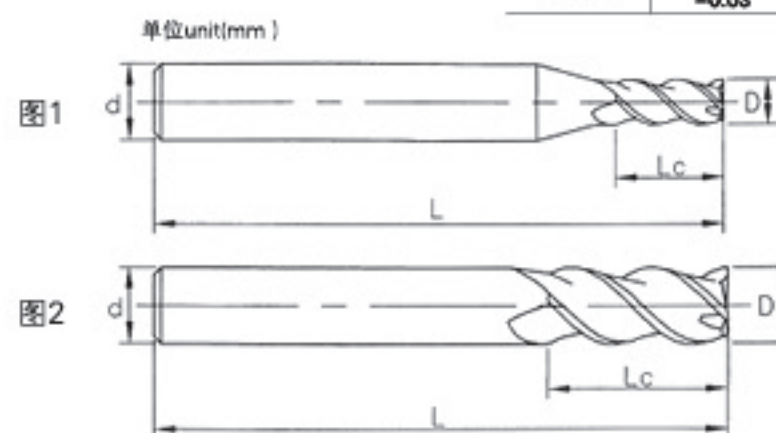
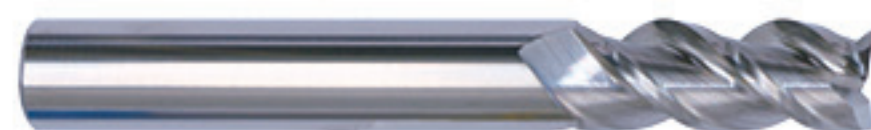
3 Flute, Aluminum Standard Length



WC=90 Co=10 HRA=91.2 抗折=3800N/mm² 粒径=0.6 μm

| D | 公差 Tol |
|--------|------------|
| D ≤ 12 | 0 -0.02 |
| D > 12 | 0 -0.03 |

单位unit(mm)



| D | Lc | d | L | 图号 Figure No. |
|-----|----|----|-----|------------------|
| 1 | 3 | 4 | 50 | 图1 |
| 1.5 | 5 | 4 | 50 | 图1 |
| 2 | 6 | 4 | 50 | 图1 |
| 2.5 | 8 | 4 | 50 | 图1 |
| 3 | 9 | 4 | 50 | 图1 |
| 4 | 12 | 4 | 50 | 图2 |
| 3 | 9 | 6 | 50 | 图1 |
| 4 | 12 | 6 | 50 | 图1 |
| 5 | 15 | 6 | 50 | 图1 |
| 6 | 18 | 6 | 50 | 图2 |
| 8 | 24 | 8 | 60 | 图2 |
| 10 | 30 | 10 | 75 | 图2 |
| 12 | 35 | 12 | 75 | 图2 |
| 16 | 45 | 16 | 100 | 图2 |
| 20 | 50 | 20 | 100 | 图2 |



S500 二刃铝用球刀

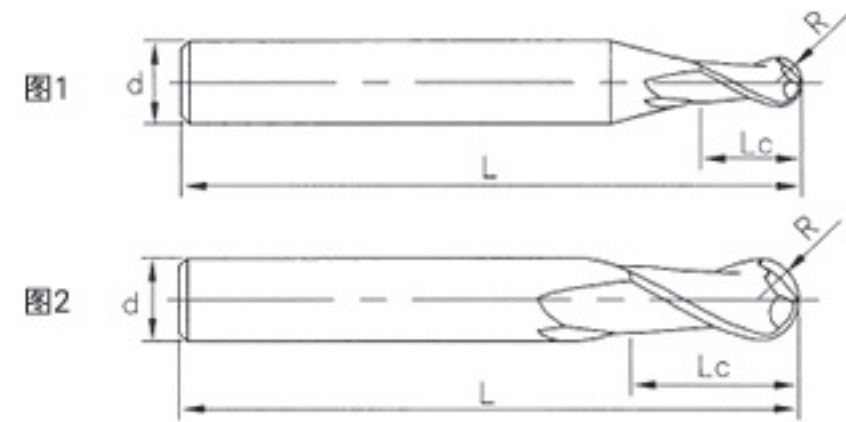
2 Flute Aluminum Ballnose



WC=90 Co=10 HRA=91.2 抗折=3800N/mm² 粒径=0.6 μm

| D | 公差 Tol |
|--------|------------|
| D ≤ 12 | 0 -0.02 |
| D > 12 | 0 -0.03 |

单位unit(mm)



| R | Lc | d | L | 图号 Figure No. |
|------|----|----|-----|------------------|
| 0.5 | 2 | 3 | 50 | 图1 |
| 0.5 | 2 | 4 | 50 | 图1 |
| 0.75 | 3 | 3 | 50 | 图1 |
| 0.75 | 3 | 4 | 50 | 图1 |
| 1 | 4 | 3 | 50 | 图1 |
| 1 | 4 | 4 | 50 | 图1 |
| 1.25 | 5 | 3 | 50 | 图1 |
| 1.25 | 5 | 4 | 50 | 图1 |
| 1.5 | 6 | 3 | 50 | 图2 |
| 1.5 | 6 | 4 | 50 | 图1 |
| 1.75 | 7 | 4 | 50 | 图1 |
| 2 | 8 | 4 | 50 | 图2 |
| 0.5 | 2 | 6 | 50 | 图1 |
| 0.75 | 3 | 6 | 50 | 图1 |
| 1 | 4 | 6 | 50 | 图1 |
| 1.25 | 5 | 6 | 50 | 图1 |
| 1.5 | 6 | 6 | 50 | 图1 |
| 1.75 | 7 | 6 | 50 | 图1 |
| 2 | 8 | 6 | 50 | 图1 |
| 2.25 | 9 | 6 | 50 | 图1 |
| 2.5 | 10 | 6 | 50 | 图1 |
| 2.75 | 11 | 6 | 50 | 图1 |
| 3 | 12 | 6 | 50 | 图2 |
| 3.5 | 14 | 8 | 60 | 图1 |
| 4 | 16 | 8 | 60 | 图2 |
| 4.5 | 18 | 10 | 75 | 图1 |
| 5 | 20 | 10 | 75 | 图2 |
| 5.5 | 22 | 12 | 75 | 图1 |
| 6 | 24 | 12 | 75 | 图2 |
| 7 | 28 | 14 | 100 | 图2 |
| 8 | 32 | 16 | 100 | 图2 |
| 9 | 36 | 18 | 100 | 图2 |
| 10 | 40 | 20 | 100 | 图2 |



S500 二刃铝用圆鼻刀

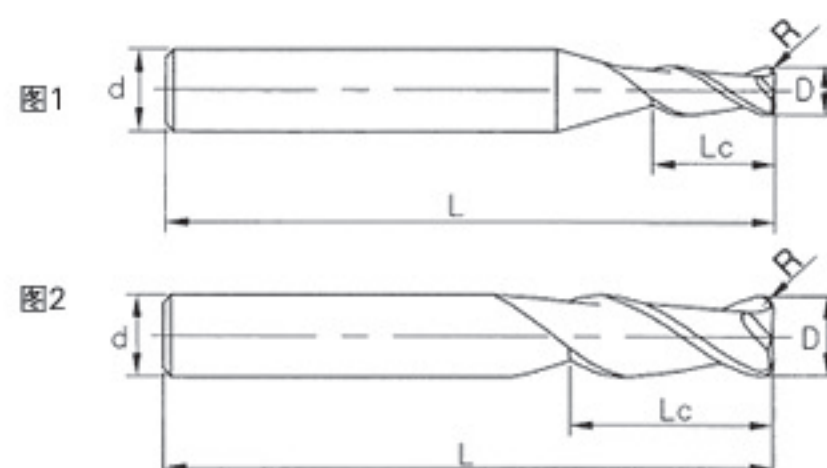
2 Flute, Aluminum Corner Radius



WC=90 Co=10 HRA=91.2 抗折=3800N/mm² 粒径=0.6 μm

| D | 公差 Tol |
|--------|------------|
| D ≤ 12 | 0 -0.02 |
| D > 12 | 0 -0.03 |

单位unit(mm)



| D | R | Lc | d | L | 图号 Figure No. |
|-----|-----|----|---|----|------------------|
| 1 | 0.1 | 3 | 4 | 50 | 图1 |
| 1 | 0.2 | 3 | 4 | 50 | 图1 |
| 1 | 0.3 | 3 | 4 | 50 | 图1 |
| 1.5 | 0.2 | 5 | 4 | 50 | 图1 |
| 1.5 | 0.3 | 5 | 4 | 50 | 图1 |
| 2 | 0.2 | 6 | 4 | 50 | 图1 |
| 2 | 0.3 | 6 | 4 | 50 | 图1 |
| 2 | 0.5 | 6 | 4 | 50 | 图1 |
| 2.5 | 0.2 | 8 | 4 | 50 | 图1 |
| 3 | 0.2 | 9 | 3 | 50 | 图2 |
| 3 | 0.3 | 9 | 3 | 50 | 图2 |
| 3 | 0.5 | 9 | 3 | 50 | 图2 |
| 3 | 1 | 9 | 3 | 50 | 图2 |
| 3 | 0.2 | 9 | 4 | 50 | 图1 |
| 3 | 0.3 | 9 | 4 | 50 | 图1 |
| 3 | 0.5 | 9 | 4 | 50 | 图1 |
| 3 | 1 | 9 | 4 | 50 | 图1 |
| 4 | 0.2 | 12 | 4 | 50 | 图2 |
| 4 | 0.3 | 12 | 4 | 50 | 图2 |
| 4 | 0.5 | 12 | 4 | 50 | 图2 |
| 4 | 1 | 12 | 4 | 50 | 图2 |
| 4 | 1.5 | 12 | 4 | 50 | 图2 |
| 5 | 0.2 | 15 | 6 | 50 | 图1 |
| 5 | 0.3 | 15 | 6 | 50 | 图1 |
| 5 | 0.5 | 15 | 6 | 50 | 图1 |
| 5 | 1 | 15 | 6 | 50 | 图1 |
| 6 | 0.2 | 18 | 6 | 50 | 图2 |
| 6 | 0.3 | 18 | 6 | 50 | 图2 |
| 6 | 0.5 | 18 | 6 | 50 | 图2 |
| 6 | 1 | 18 | 6 | 50 | 图2 |
| 6 | 1.5 | 18 | 6 | 50 | 图2 |
| 6 | 2 | 18 | 6 | 50 | 图2 |

| D | R | Lc | d | L | 图号 Figure No. |
|----|-----|----|----|----|------------------|
| 8 | 0.3 | 24 | 8 | 60 | 图2 |
| 8 | 0.5 | 24 | 8 | 60 | 图2 |
| 8 | 1 | 24 | 8 | 60 | 图2 |
| 8 | 1.5 | 24 | 8 | 60 | 图2 |
| 8 | 2 | 24 | 8 | 60 | 图2 |
| 8 | 2.5 | 24 | 8 | 60 | 图2 |
| 8 | 3 | 24 | 8 | 60 | 图2 |
| 10 | 0.3 | 30 | 10 | 75 | 图2 |
| 10 | 0.5 | 30 | 10 | 75 | 图2 |
| 10 | 1 | 30 | 10 | 75 | 图2 |
| 10 | 1.5 | 30 | 10 | 75 | 图2 |
| 10 | 2 | 30 | 10 | 75 | 图2 |
| 10 | 2.5 | 30 | 10 | 75 | 图2 |
| 10 | 3 | 30 | 10 | 75 | 图2 |
| 12 | 0.3 | 35 | 12 | 75 | 图2 |
| 12 | 0.5 | 35 | 12 | 75 | 图2 |
| 12 | 1 | 35 | 12 | 75 | 图2 |
| 12 | 1.5 | 35 | 12 | 75 | 图2 |
| 12 | 2 | 35 | 12 | 75 | 图2 |
| 12 | 2.5 | 35 | 12 | 75 | 图2 |
| 12 | 3 | 35 | 12 | 75 | 图2 |



S500 三刃铝用圆鼻刀

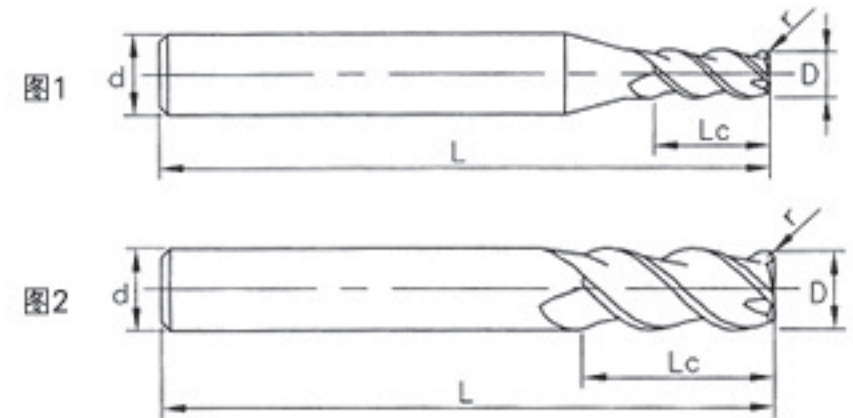
3 Flute, Aluminum Corner Radius



WC=90 Co=10 HRA=91.2 抗折=3800N/mm² 粒径=0.6 μm

| D | 公差 Tol |
|--------|------------|
| D ≤ 12 | 0 -0.02 |
| D > 12 | 0 -0.03 |

单位unit(mm)



| D | R | Lc | d | L | 图号 Figure No. |
|-----|-----|----|---|----|------------------|
| 1 | 0.1 | 3 | 4 | 50 | 图1 |
| 1 | 0.2 | 3 | 4 | 50 | 图1 |
| 1 | 0.3 | 3 | 4 | 50 | 图1 |
| 1.5 | 0.2 | 5 | 4 | 50 | 图1 |
| 1.5 | 0.3 | 5 | 4 | 50 | 图1 |
| 2 | 0.2 | 6 | 4 | 50 | 图1 |
| 2 | 0.3 | 6 | 4 | 50 | 图1 |
| 2 | 0.5 | 6 | 4 | 50 | 图1 |
| 2.5 | 0.2 | 8 | 4 | 50 | 图1 |
| 3 | 0.2 | 9 | 3 | 50 | 图2 |
| 3 | 0.3 | 9 | 3 | 50 | 图2 |
| 3 | 0.5 | 9 | 3 | 50 | 图2 |
| 3 | 1 | 9 | 3 | 50 | 图2 |
| 3 | 0.2 | 9 | 4 | 50 | 图1 |
| 3 | 0.3 | 9 | 4 | 50 | 图1 |
| 3 | 0.5 | 9 | 4 | 50 | 图1 |
| 3 | 1 | 9 | 4 | 50 | 图1 |
| 4 | 0.2 | 12 | 4 | 50 | 图2 |
| 4 | 0.3 | 12 | 4 | 50 | 图2 |
| 4 | 0.5 | 12 | 4 | 50 | 图2 |
| 4 | 1 | 12 | 4 | 50 | 图2 |
| 4 | 1.5 | 12 | 4 | 50 | 图2 |
| 5 | 0.2 | 15 | 6 | 50 | 图1 |
| 5 | 0.3 | 15 | 6 | 50 | 图1 |
| 5 | 0.5 | 15 | 6 | 50 | 图1 |
| 5 | 1 | 15 | 6 | 50 | 图1 |
| 6 | 0.2 | 18 | 6 | 50 | 图2 |
| 6 | 0.3 | 18 | 6 | 50 | 图2 |
| 6 | 0.5 | 18 | 6 | 50 | 图2 |
| 6 | 1 | 18 | 6 | 50 | 图2 |
| 6 | 1.5 | 18 | 6 | 50 | 图2 |
| 6 | 2 | 18 | 6 | 50 | 图2 |

| D | R | Lc | d | L | 图号 Figure No. |
|----|-----|----|----|----|------------------|
| 8 | 0.3 | 24 | 8 | 60 | 图2 |
| 8 | 0.5 | 24 | 8 | 60 | 图2 |
| 8 | 1 | 24 | 8 | 60 | 图2 |
| 8 | 1.5 | 24 | 8 | 60 | 图2 |
| 8 | 2 | 24 | 8 | 60 | 图2 |
| 8 | 2.5 | 24 | 8 | 60 | 图2 |
| 8 | 3 | 24 | 8 | 60 | 图2 |
| 10 | 0.3 | 30 | 10 | 75 | 图2 |
| 10 | 0.5 | 30 | 10 | 75 | 图2 |
| 10 | 1 | 30 | 10 | 75 | 图2 |
| 10 | 1.5 | 30 | 10 | 75 | 图2 |
| 10 | 2 | 30 | 10 | 75 | 图2 |
| 10 | 2.5 | 30 | 10 | 75 | 图2 |
| 10 | 3 | 30 | 10 | 75 | 图2 |
| 12 | 0.3 | 35 | 12 | 75 | 图2 |
| 12 | 0.5 | 35 | 12 | 75 | 图2 |
| 12 | 1 | 35 | 12 | 75 | 图2 |
| 12 | 1.5 | 35 | 12 | 75 | 图2 |
| 12 | 2 | 35 | 12 | 75 | 图2 |
| 12 | 2.5 | 35 | 12 | 75 | 图2 |
| 12 | 3 | 35 | 12 | 75 | 图2 |



S500 二刃加长铝用平刀

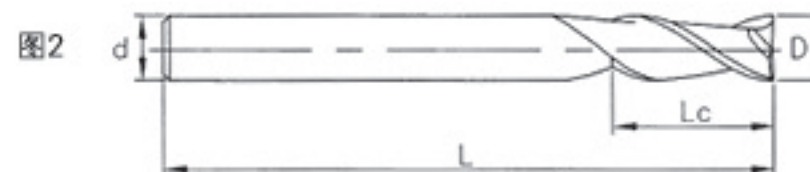
2 Flute, Aluminum with long Shank Length



WC=90 Co=10 HRA=91.2 抗折=3800N/mm² 粒径=0.6 μm

| D | 公差 Tol |
|--------|------------|
| D ≤ 12 | 0 -0.02 |
| D > 12 | 0 -0.03 |

单位unit(mm)



| D | Lc | d | L | 图号 Figure No. |
|----|----|----|-----|------------------|
| 1 | 8 | 6 | 75 | 图1 |
| 2 | 8 | 6 | 75 | 图1 |
| 3 | 12 | 6 | 75 | 图1 |
| 4 | 14 | 6 | 75 | 图1 |
| 5 | 18 | 6 | 75 | 图1 |
| 6 | 21 | 6 | 75 | 图2 |
| 8 | 32 | 8 | 100 | 图2 |
| 10 | 55 | 10 | 150 | 图2 |
| 12 | 60 | 12 | 150 | 图2 |

S500 三刃加长铝用平刀

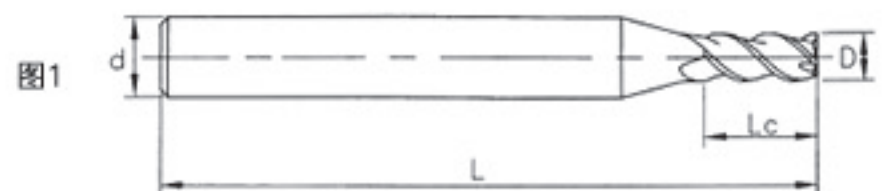
3 Flute, Aluminum with long Shank Length



WC=90 Co=10 HRA=91.2 抗折=3800N/mm² 粒径=0.6 μm

| D | 公差 Tol |
|--------|------------|
| D ≤ 12 | 0 -0.02 |
| D > 12 | 0 -0.03 |

单位unit(mm)



| D | Lc | d | L | 图号 Figure No. |
|----|----|----|-----|------------------|
| 1 | 8 | 6 | 75 | 图1 |
| 2 | 8 | 6 | 75 | 图1 |
| 3 | 12 | 6 | 75 | 图1 |
| 4 | 14 | 6 | 75 | 图1 |
| 5 | 18 | 6 | 75 | 图1 |
| 6 | 21 | 6 | 75 | 图2 |
| 8 | 32 | 8 | 75 | 图2 |
| 10 | 55 | 10 | 150 | 图2 |
| 12 | 60 | 12 | 150 | 图2 |



S500 二刃加长铝用球刀

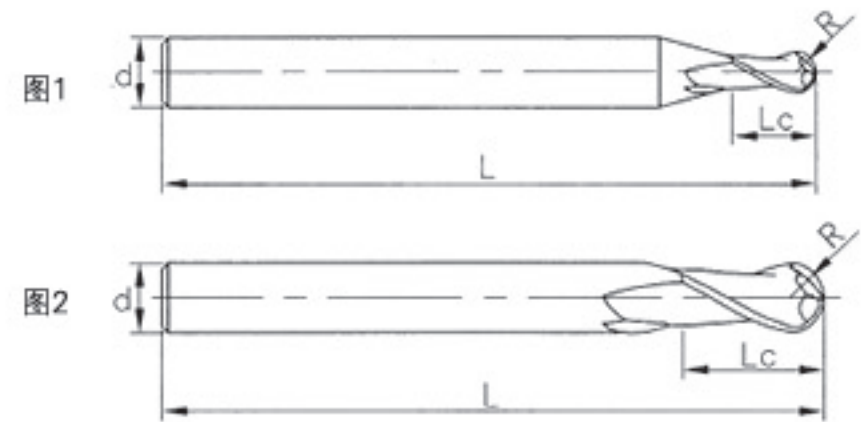
2 Flute Ballnose, Aluminum with long shank length



WC=90 Co=10 HRA=91.2 抗折=3800N/mm² 粒径=0.6 μm

| D | 公差 Tol |
|--------|------------|
| D ≤ 12 | 0 -0.02 |
| D > 12 | 0 -0.03 |

单位unit(mm)



| R | Lc | d | L | 图号 Figure No. |
|------|----|----|-----|------------------|
| 0.5 | 2 | 6 | 75 | 图1 |
| 0.5 | 2 | 6 | 100 | 图1 |
| 0.75 | 3 | 6 | 75 | 图1 |
| 0.75 | 3 | 6 | 100 | 图1 |
| 1 | 4 | 6 | 75 | 图1 |
| 1 | 4 | 6 | 100 | 图1 |
| 1.25 | 5 | 6 | 75 | 图1 |
| 1.25 | 5 | 6 | 100 | 图1 |
| 1.5 | 6 | 6 | 75 | 图1 |
| 1.5 | 6 | 6 | 100 | 图1 |
| 1.75 | 7 | 6 | 100 | 图1 |
| 2 | 8 | 6 | 75 | 图1 |
| 2 | 8 | 6 | 100 | 图1 |
| 2.5 | 10 | 6 | 75 | 图1 |
| 2.5 | 10 | 6 | 100 | 图1 |
| 3 | 12 | 6 | 75 | 图2 |
| 3 | 12 | 6 | 100 | 图2 |
| 3 | 12 | 6 | 150 | 图2 |
| 4 | 16 | 8 | 75 | 图2 |
| 4 | 16 | 8 | 100 | 图2 |
| 4 | 16 | 8 | 150 | 图2 |
| 5 | 20 | 10 | 100 | 图2 |
| 5 | 20 | 10 | 150 | 图2 |
| 6 | 24 | 12 | 100 | 图2 |
| 6 | 24 | 12 | 150 | 图2 |
| 7 | 28 | 14 | 150 | 图2 |
| 8 | 32 | 16 | 150 | 图2 |
| 9 | 36 | 18 | 150 | 图2 |
| 10 | 40 | 20 | 150 | 图2 |



S550 二刃铝用刀

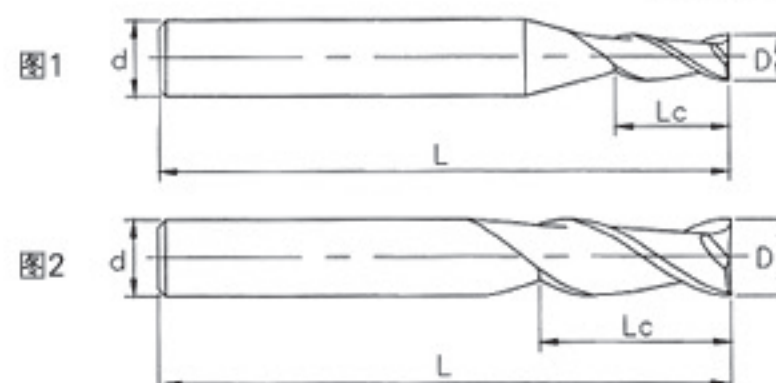
2 Flute, Aluminum Standard Length



WC=87 Co=12 HRA=91.8 抗折=4000N/mm² 粒径=0.4 μm

| D | 公差 Tol |
|--------|------------|
| D ≤ 12 | 0 -0.02 |
| D > 12 | 0 -0.03 |

单位unit(mm)



| D | Lc | d | L | 图号 Figure No. |
|-----|----|----|-----|------------------|
| 1 | 3 | 4 | 50 | 图1 |
| 1.5 | 5 | 4 | 50 | 图1 |
| 2 | 6 | 4 | 50 | 图1 |
| 2.5 | 8 | 4 | 50 | 图1 |
| 3 | 9 | 4 | 50 | 图1 |
| 4 | 12 | 4 | 50 | 图2 |
| 3 | 9 | 6 | 50 | 图1 |
| 4 | 12 | 6 | 50 | 图1 |
| 5 | 15 | 6 | 50 | 图1 |
| 6 | 18 | 6 | 50 | 图2 |
| 8 | 24 | 8 | 60 | 图2 |
| 10 | 30 | 10 | 75 | 图2 |
| 12 | 35 | 12 | 75 | 图2 |
| 16 | 45 | 16 | 100 | 图2 |
| 20 | 50 | 20 | 100 | 图2 |

S550 二刃加长铝用刀

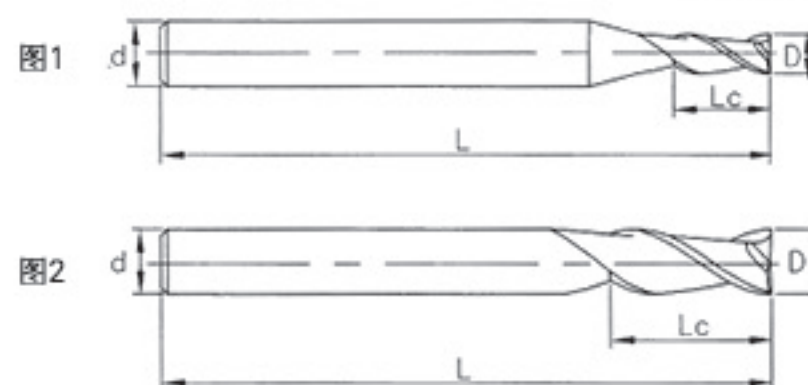
2 Flute, Aluminum Standard Length



WC=87 Co=12 HRA=91.8 抗折=4000N/mm² 粒径=0.4 μm

| D | 公差 Tol |
|--------|------------|
| D ≤ 12 | 0 -0.02 |
| D > 12 | 0 -0.03 |

单位unit(mm)



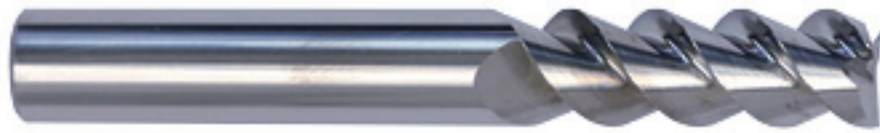
| D | Lc | d | L | 图号 Figure No. |
|-----|----|----|-----|------------------|
| 1 | 8 | 4 | 75 | 图1 |
| 1.5 | 8 | 4 | 75 | 图1 |
| 2 | 8 | 4 | 75 | 图1 |
| 2.5 | 10 | 4 | 75 | 图1 |
| 3 | 12 | 4 | 75 | 图1 |
| 4 | 16 | 4 | 75 | 图2 |
| 3 | 12 | 6 | 75 | 图1 |
| 4 | 16 | 6 | 75 | 图1 |
| 5 | 20 | 6 | 75 | 图1 |
| 6 | 24 | 6 | 75 | 图2 |
| 8 | 32 | 8 | 75 | 图2 |
| 10 | 40 | 10 | 100 | 图2 |
| 12 | 45 | 12 | 100 | 图2 |
| 16 | 65 | 16 | 150 | 图2 |
| 20 | 75 | 20 | 150 | 图2 |



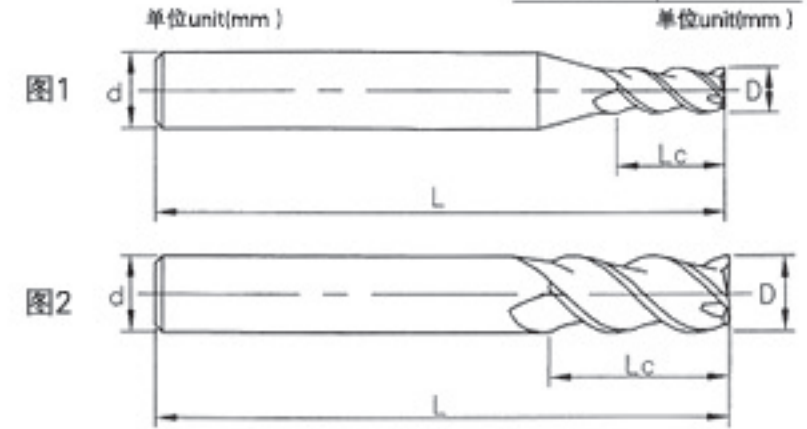
S550 三刃铝用刀

3 Flute, Aluminum Standard Length

WC=87 Co=12 HRA=91.8 抗折=4000N/mm² 粒径=0.4 μm



| D | 公差 Tol |
|--------|------------|
| D ≤ 12 | 0 -0.02 |
| D > 12 | 0 -0.03 |



| D | Lc | d | L | 图号 Figure No. |
|-----|----|----|-----|------------------|
| 1 | 3 | 4 | 50 | 图1 |
| 1.5 | 5 | 4 | 50 | 图1 |
| 2 | 6 | 4 | 50 | 图1 |
| 2.5 | 8 | 4 | 50 | 图1 |
| 3 | 9 | 4 | 50 | 图1 |
| 4 | 12 | 4 | 50 | 图2 |
| 3 | 9 | 6 | 50 | 图1 |
| 4 | 12 | 6 | 50 | 图1 |
| 5 | 15 | 6 | 50 | 图1 |
| 6 | 18 | 6 | 50 | 图2 |
| 8 | 24 | 8 | 60 | 图2 |
| 10 | 30 | 10 | 75 | 图2 |
| 12 | 35 | 12 | 75 | 图2 |
| 16 | 45 | 16 | 100 | 图2 |
| 20 | 50 | 20 | 100 | 图2 |

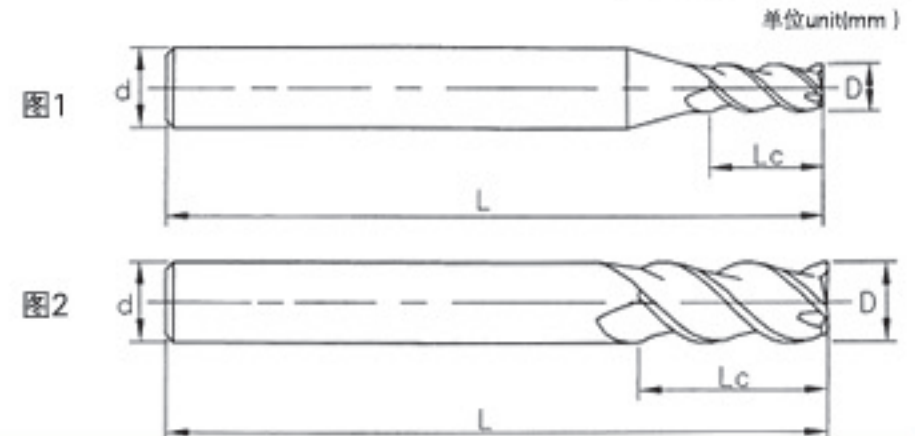
S550 三刃加长铝用刀

3 Flute, Aluminum Standard Length

WC=87 Co=12 HRA=91.8 抗折=4000N/mm² 粒径=0.4 μm



| D | 公差 Tol |
|--------|------------|
| D ≤ 12 | 0 -0.02 |
| D > 12 | 0 -0.03 |



| D | Lc | d | L | 图号 Figure No. |
|-----|----|----|-----|------------------|
| 1 | 8 | 4 | 75 | 图1 |
| 1.5 | 8 | 4 | 75 | 图1 |
| 2 | 8 | 4 | 75 | 图1 |
| 2.5 | 10 | 4 | 75 | 图1 |
| 3 | 12 | 4 | 75 | 图1 |
| 4 | 16 | 4 | 75 | 图2 |
| 3 | 12 | 6 | 75 | 图1 |
| 4 | 16 | 6 | 75 | 图1 |
| 5 | 20 | 6 | 75 | 图1 |
| 6 | 24 | 6 | 75 | 图2 |
| 8 | 32 | 8 | 75 | 图2 |
| 10 | 40 | 10 | 100 | 图2 |
| 12 | 45 | 12 | 100 | 图2 |
| 16 | 65 | 16 | 150 | 图2 |
| 20 | 75 | 20 | 150 | 图2 |

S550 二刃铝用刀

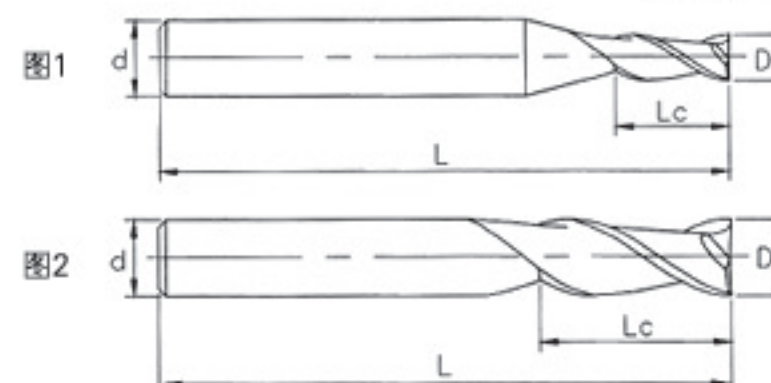
2 Flute, Aluminum Standard Length



WC=87 Co=12 HRA=91.8 抗折=4000N/mm² 粒径=0.4 μm

| D | 公差 Tol |
|--------|------------|
| D ≤ 12 | 0 -0.02 |
| D > 12 | 0 -0.03 |

单位unit(mm)



| D | Lc | d | L | 图号 Figure No. |
|-----|----|----|-----|------------------|
| 1 | 3 | 4 | 50 | 图1 |
| 1.5 | 5 | 4 | 50 | 图1 |
| 2 | 6 | 4 | 50 | 图1 |
| 2.5 | 8 | 4 | 50 | 图1 |
| 3 | 9 | 4 | 50 | 图1 |
| 4 | 12 | 4 | 50 | 图2 |
| 3 | 9 | 6 | 50 | 图1 |
| 4 | 12 | 6 | 50 | 图1 |
| 5 | 15 | 6 | 50 | 图1 |
| 6 | 18 | 6 | 50 | 图2 |
| 8 | 24 | 8 | 60 | 图2 |
| 10 | 30 | 10 | 75 | 图2 |
| 12 | 35 | 12 | 75 | 图2 |
| 16 | 45 | 16 | 100 | 图2 |
| 20 | 50 | 20 | 100 | 图2 |

S550 三刃铝用刀

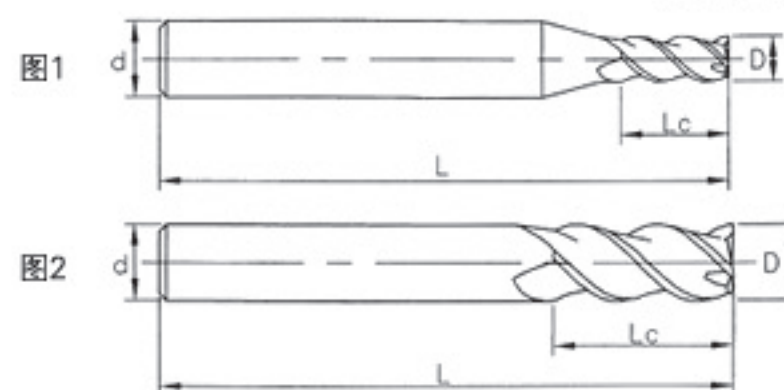
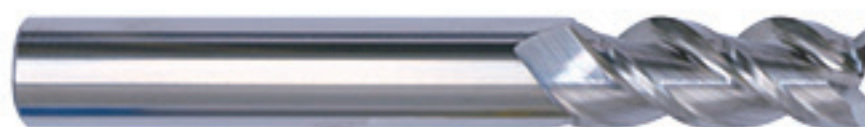
3 Flute, Aluminum Standard Length



WC=87 Co=12 HRA=91.8 抗折=4000N/mm² 粒径=0.4 μm

| D | 公差 Tol |
|--------|------------|
| D ≤ 12 | 0 -0.02 |
| D > 12 | 0 -0.03 |

单位unit(mm)



| D | Lc | d | L | 图号 Figure No. |
|-----|----|----|-----|------------------|
| 1 | 3 | 4 | 50 | 图1 |
| 1.5 | 5 | 4 | 50 | 图1 |
| 2 | 6 | 4 | 50 | 图1 |
| 2.5 | 8 | 4 | 50 | 图1 |
| 3 | 9 | 4 | 50 | 图1 |
| 4 | 12 | 4 | 50 | 图2 |
| 3 | 9 | 6 | 50 | 图1 |
| 4 | 12 | 6 | 50 | 图1 |
| 5 | 15 | 6 | 50 | 图1 |
| 6 | 18 | 6 | 50 | 图2 |
| 8 | 24 | 8 | 60 | 图2 |
| 10 | 30 | 10 | 75 | 图2 |
| 12 | 35 | 12 | 75 | 图2 |
| 16 | 45 | 16 | 100 | 图2 |
| 20 | 50 | 20 | 100 | 图2 |



S550 二刃铝用球刀

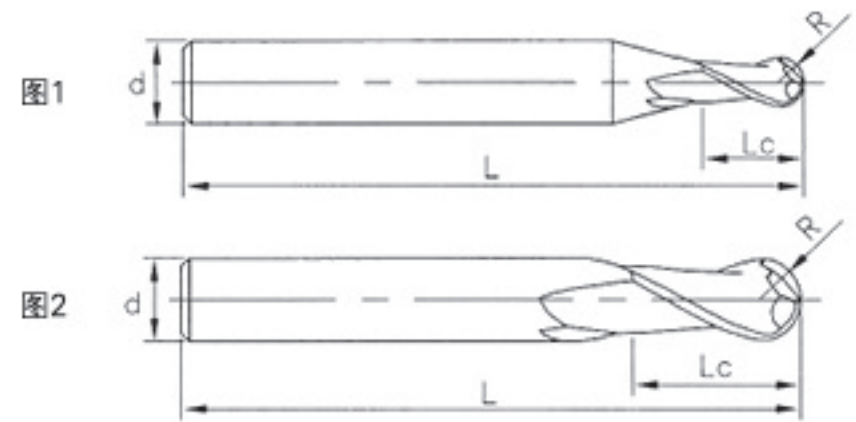
2 Flute Aluminum Ballnose



WC=87 Co=12 HRA=91.8 抗折=4000N/mm² 粒径=0.4 μm

| D | 公差 Tol |
|--------|------------|
| D ≤ 12 | 0 -0.02 |
| D > 12 | 0 -0.03 |

单位unit(mm)



| R | Lc | d | L | 图号 Figure No. |
|------|----|----|-----|------------------|
| 0.5 | 2 | 3 | 50 | 图1 |
| 0.5 | 2 | 4 | 50 | 图1 |
| 0.75 | 3 | 3 | 50 | 图1 |
| 0.75 | 3 | 4 | 50 | 图1 |
| 1 | 4 | 3 | 50 | 图1 |
| 1 | 4 | 4 | 50 | 图1 |
| 1.25 | 5 | 3 | 50 | 图1 |
| 1.25 | 5 | 4 | 50 | 图1 |
| 1.5 | 6 | 3 | 50 | 图2 |
| 1.5 | 6 | 4 | 50 | 图1 |
| 1.75 | 7 | 4 | 50 | 图1 |
| 2 | 8 | 4 | 50 | 图2 |
| 0.5 | 2 | 6 | 50 | 图1 |
| 0.75 | 3 | 6 | 50 | 图1 |
| 1 | 4 | 6 | 50 | 图1 |
| 1.25 | 5 | 6 | 50 | 图1 |
| 1.5 | 6 | 6 | 50 | 图1 |
| 1.75 | 7 | 6 | 50 | 图1 |
| 2 | 8 | 6 | 50 | 图1 |
| 2.25 | 9 | 6 | 50 | 图1 |
| 2.5 | 10 | 6 | 50 | 图1 |
| 2.75 | 11 | 6 | 50 | 图1 |
| 3 | 12 | 6 | 50 | 图2 |
| 3.5 | 14 | 8 | 60 | 图1 |
| 4 | 16 | 8 | 60 | 图2 |
| 4.5 | 18 | 10 | 75 | 图1 |
| 5 | 20 | 10 | 75 | 图2 |
| 5.5 | 22 | 12 | 75 | 图1 |
| 6 | 24 | 12 | 75 | 图2 |
| 7 | 28 | 14 | 100 | 图2 |
| 8 | 32 | 16 | 100 | 图2 |
| 9 | 36 | 18 | 100 | 图2 |
| 10 | 40 | 20 | 100 | 图2 |



S550 二刃铝用圆鼻刀

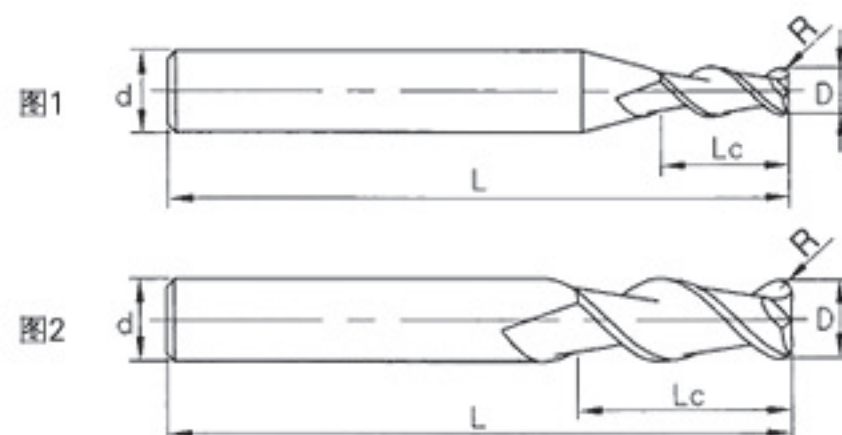
2 Flute, Aluminum Corner Radius



WC=87 Co=12 HRA=91.8 抗折=4000N/mm² 粒径=0.4 μm

| D | 公差 Tol |
|--------|------------|
| D ≤ 12 | 0 -0.02 |
| D > 12 | 0 -0.03 |

单位unit(mm)



| D | R | Lc | d | L | 图号 Figure No. |
|-----|-----|----|---|----|------------------|
| 1 | 0.1 | 3 | 4 | 50 | 图1 |
| 1 | 0.2 | 3 | 4 | 50 | 图1 |
| 1 | 0.3 | 3 | 4 | 50 | 图1 |
| 1.5 | 0.2 | 5 | 4 | 50 | 图1 |
| 1.5 | 0.3 | 5 | 4 | 50 | 图1 |
| 2 | 0.2 | 6 | 4 | 50 | 图1 |
| 2 | 0.3 | 6 | 4 | 50 | 图1 |
| 2 | 0.5 | 6 | 4 | 50 | 图1 |
| 2.5 | 0.2 | 8 | 4 | 50 | 图1 |
| 3 | 0.2 | 9 | 3 | 50 | 图2 |
| 3 | 0.3 | 9 | 3 | 50 | 图2 |
| 3 | 0.5 | 9 | 3 | 50 | 图2 |
| 3 | 1 | 9 | 3 | 50 | 图2 |
| 3 | 0.2 | 9 | 4 | 50 | 图1 |
| 3 | 0.3 | 9 | 4 | 50 | 图1 |
| 3 | 0.5 | 9 | 4 | 50 | 图1 |
| 3 | 1 | 9 | 4 | 50 | 图1 |
| 4 | 0.2 | 12 | 4 | 50 | 图2 |
| 4 | 0.3 | 12 | 4 | 50 | 图2 |
| 4 | 0.5 | 12 | 4 | 50 | 图2 |
| 4 | 1 | 12 | 4 | 50 | 图2 |
| 4 | 1.5 | 12 | 4 | 50 | 图2 |
| 5 | 0.2 | 15 | 6 | 50 | 图1 |
| 5 | 0.3 | 15 | 6 | 50 | 图1 |
| 5 | 0.5 | 15 | 6 | 50 | 图1 |
| 5 | 1 | 15 | 6 | 50 | 图1 |
| 6 | 0.2 | 18 | 6 | 50 | 图2 |
| 6 | 0.3 | 18 | 6 | 50 | 图2 |
| 6 | 0.5 | 18 | 6 | 50 | 图2 |
| 6 | 1 | 18 | 6 | 50 | 图2 |
| 6 | 1.5 | 18 | 6 | 50 | 图2 |
| 6 | 2 | 18 | 6 | 50 | 图2 |

| D | R | Lc | d | L | 图号 Figure No. |
|----|-----|----|----|----|------------------|
| 8 | 0.3 | 24 | 8 | 60 | 图2 |
| 8 | 0.5 | 24 | 8 | 60 | 图2 |
| 8 | 1 | 24 | 8 | 60 | 图2 |
| 8 | 1.5 | 24 | 8 | 60 | 图2 |
| 8 | 2 | 24 | 8 | 60 | 图2 |
| 8 | 2.5 | 24 | 8 | 60 | 图2 |
| 8 | 3 | 24 | 8 | 60 | 图2 |
| 10 | 0.3 | 30 | 10 | 75 | 图2 |
| 10 | 0.5 | 30 | 10 | 75 | 图2 |
| 10 | 1 | 30 | 10 | 75 | 图2 |
| 10 | 1.5 | 30 | 10 | 75 | 图2 |
| 10 | 2 | 30 | 10 | 75 | 图2 |
| 10 | 2.5 | 30 | 10 | 75 | 图2 |
| 10 | 3 | 30 | 10 | 75 | 图2 |
| 12 | 0.3 | 35 | 12 | 75 | 图2 |
| 12 | 0.5 | 35 | 12 | 75 | 图2 |
| 12 | 1 | 35 | 12 | 75 | 图2 |
| 12 | 1.5 | 35 | 12 | 75 | 图2 |
| 12 | 2 | 35 | 12 | 75 | 图2 |
| 12 | 2.5 | 35 | 12 | 75 | 图2 |
| 12 | 3 | 35 | 12 | 75 | 图2 |



S550 三刃铝用圆鼻刀

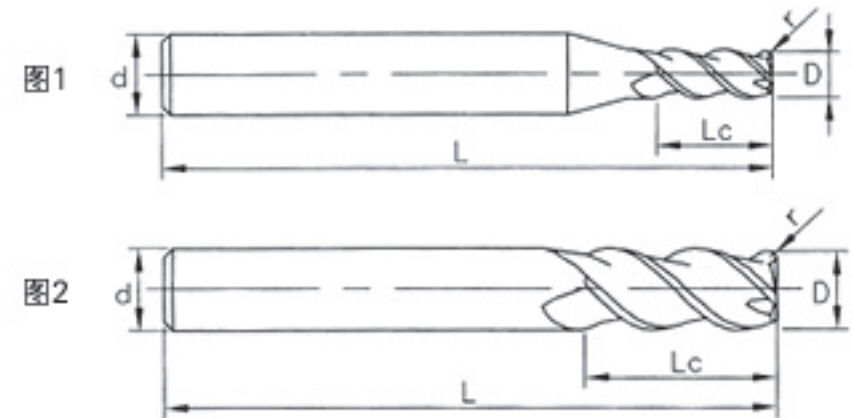
3 Flute, Aluminum Corner Radius



WC=87 Co=12 HRA=91.8 抗折=4000N/mm² 粒径=0.4 μm

| D | 公差 Tol |
|--------|------------|
| D ≤ 12 | 0 -0.02 |
| D > 12 | 0 -0.03 |

单位unit(mm)



| D | R | Lc | d | L | 图号 Figure No. |
|-----|-----|----|---|----|------------------|
| 1 | 0.1 | 3 | 4 | 50 | 图1 |
| 1 | 0.2 | 3 | 4 | 50 | 图1 |
| 1 | 0.3 | 3 | 4 | 50 | 图1 |
| 1.5 | 0.2 | 5 | 4 | 50 | 图1 |
| 1.5 | 0.3 | 5 | 4 | 50 | 图1 |
| 2 | 0.2 | 6 | 4 | 50 | 图1 |
| 2 | 0.3 | 6 | 4 | 50 | 图1 |
| 2 | 0.5 | 6 | 4 | 50 | 图1 |
| 2.5 | 0.2 | 8 | 4 | 50 | 图1 |
| 3 | 0.2 | 9 | 3 | 50 | 图2 |
| 3 | 0.3 | 9 | 3 | 50 | 图2 |
| 3 | 0.5 | 9 | 3 | 50 | 图2 |
| 3 | 1 | 9 | 3 | 50 | 图2 |
| 3 | 0.2 | 9 | 4 | 50 | 图1 |
| 3 | 0.3 | 9 | 4 | 50 | 图1 |
| 3 | 0.5 | 9 | 4 | 50 | 图1 |
| 3 | 1 | 9 | 4 | 50 | 图1 |
| 4 | 0.2 | 12 | 4 | 50 | 图2 |
| 4 | 0.3 | 12 | 4 | 50 | 图2 |
| 4 | 0.5 | 12 | 4 | 50 | 图2 |
| 4 | 1 | 12 | 4 | 50 | 图2 |
| 4 | 1.5 | 12 | 4 | 50 | 图2 |
| 5 | 0.2 | 15 | 6 | 50 | 图1 |
| 5 | 0.3 | 15 | 6 | 50 | 图1 |
| 5 | 0.5 | 15 | 6 | 50 | 图1 |
| 5 | 1 | 15 | 6 | 50 | 图1 |
| 6 | 0.2 | 18 | 6 | 50 | 图2 |
| 6 | 0.3 | 18 | 6 | 50 | 图2 |
| 6 | 0.5 | 18 | 6 | 50 | 图2 |
| 6 | 1 | 18 | 6 | 50 | 图2 |
| 6 | 1.5 | 18 | 6 | 50 | 图2 |
| 6 | 2 | 18 | 6 | 50 | 图2 |

| D | R | Lc | d | L | 图号 Figure No. |
|----|-----|----|----|----|------------------|
| 8 | 0.3 | 24 | 8 | 60 | 图2 |
| 8 | 0.5 | 24 | 8 | 60 | 图2 |
| 8 | 1 | 24 | 8 | 60 | 图2 |
| 8 | 1.5 | 24 | 8 | 60 | 图2 |
| 8 | 2 | 24 | 8 | 60 | 图2 |
| 8 | 2.5 | 24 | 8 | 60 | 图2 |
| 8 | 3 | 24 | 8 | 60 | 图2 |
| 10 | 0.3 | 30 | 10 | 75 | 图2 |
| 10 | 0.5 | 30 | 10 | 75 | 图2 |
| 10 | 1 | 30 | 10 | 75 | 图2 |
| 10 | 1.5 | 30 | 10 | 75 | 图2 |
| 10 | 2 | 30 | 10 | 75 | 图2 |
| 10 | 2.5 | 30 | 10 | 75 | 图2 |
| 10 | 3 | 30 | 10 | 75 | 图2 |
| 12 | 0.3 | 35 | 12 | 75 | 图2 |
| 12 | 0.5 | 35 | 12 | 75 | 图2 |
| 12 | 1 | 35 | 12 | 75 | 图2 |
| 12 | 1.5 | 35 | 12 | 75 | 图2 |
| 12 | 2 | 35 | 12 | 75 | 图2 |
| 12 | 2.5 | 35 | 12 | 75 | 图2 |
| 12 | 3 | 35 | 12 | 75 | 图2 |



S550 二刃加长铝用平刀

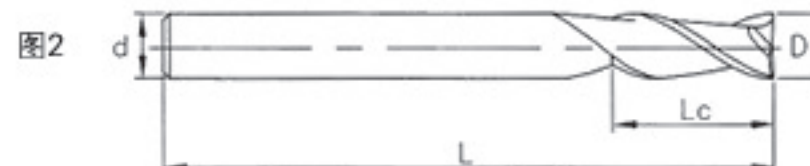
2 Flute, Aluminum with long Shank Length



WC=87 Co=12 HRA=91.8 抗折=4000N/mm² 粒径=0.4 μm

| D | 公差 Tol |
|--------|------------|
| D ≤ 12 | 0 -0.02 |
| D > 12 | 0 -0.03 |

单位unit(mm)



| D | Lc | d | L | 图号 Figure No. |
|----|----|----|-----|------------------|
| 1 | 8 | 6 | 75 | 图1 |
| 2 | 8 | 6 | 75 | 图1 |
| 3 | 12 | 6 | 75 | 图1 |
| 4 | 14 | 6 | 75 | 图1 |
| 5 | 18 | 6 | 75 | 图1 |
| 6 | 21 | 6 | 75 | 图2 |
| 8 | 32 | 8 | 75 | 图2 |
| 10 | 55 | 10 | 150 | 图2 |
| 12 | 60 | 12 | 150 | 图2 |

S550 三刃加长铝用平刀

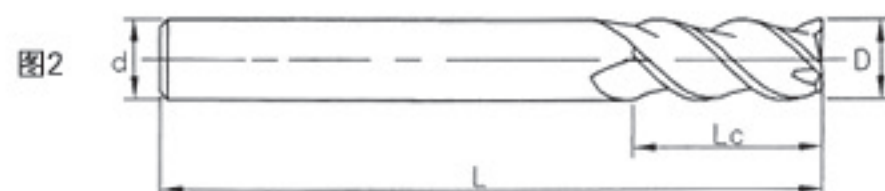
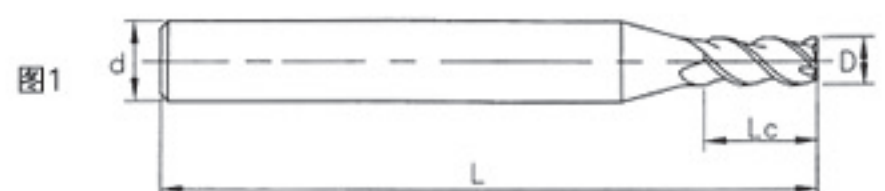
3 Flute, Aluminum with long Shank Length



WC=87 Co=12 HRA=91.8 抗折=4000N/mm² 粒径=0.4 μm

| D | 公差 Tol |
|--------|------------|
| D ≤ 12 | 0 -0.02 |
| D > 12 | 0 -0.03 |

单位unit(mm)



| D | Lc | d | L | 图号 Figure No. |
|----|----|----|-----|------------------|
| 1 | 8 | 6 | 75 | 图1 |
| 2 | 8 | 6 | 75 | 图1 |
| 3 | 12 | 6 | 75 | 图1 |
| 4 | 14 | 6 | 75 | 图1 |
| 5 | 18 | 6 | 75 | 图1 |
| 6 | 21 | 6 | 75 | 图2 |
| 8 | 32 | 8 | 75 | 图2 |
| 10 | 55 | 10 | 150 | 图2 |
| 12 | 60 | 12 | 150 | 图2 |



S550 二刃加长铝用球刀

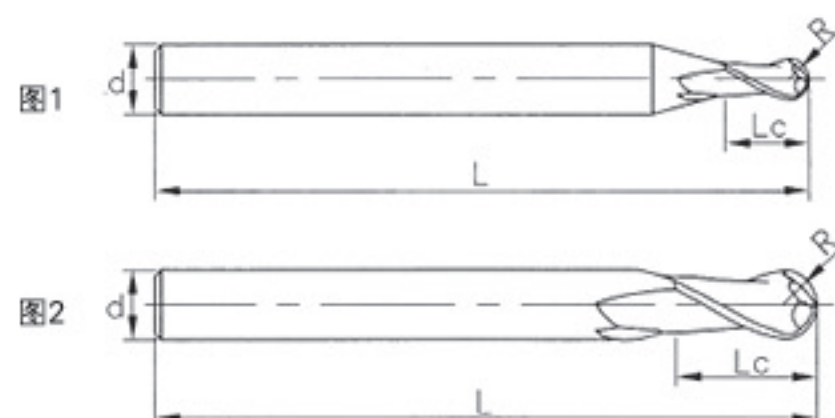
2 Flute Ballnose, Aluminum with long shank length



WC=87 Co=12 HRA=91.8 抗折=4000N/mm² 粒径=0.4 μm

| D | 公差 Tol |
|--------|------------|
| D ≤ 12 | 0 -0.02 |
| D > 12 | 0 -0.03 |

单位unit(mm)



| R | Lc | d | L | 图号 Figure No. |
|------|----|----|-----|------------------|
| 0.5 | 2 | 6 | 75 | 图1 |
| 0.5 | 2 | 6 | 100 | 图1 |
| 0.75 | 3 | 6 | 75 | 图1 |
| 0.75 | 3 | 6 | 100 | 图1 |
| 1 | 4 | 6 | 75 | 图1 |
| 1 | 4 | 6 | 100 | 图1 |
| 1.25 | 5 | 6 | 75 | 图1 |
| 1.25 | 5 | 6 | 100 | 图1 |
| 1.5 | 6 | 6 | 75 | 图1 |
| 1.5 | 6 | 6 | 100 | 图1 |
| 1.75 | 7 | 6 | 100 | 图1 |
| 2 | 8 | 6 | 75 | 图1 |
| 2 | 8 | 6 | 100 | 图1 |
| 2.5 | 10 | 6 | 75 | 图1 |
| 2.5 | 10 | 6 | 100 | 图1 |
| 3 | 12 | 6 | 75 | 图2 |
| 3 | 12 | 6 | 100 | 图2 |
| 3 | 12 | 6 | 150 | 图2 |
| 4 | 16 | 8 | 75 | 图2 |
| 4 | 16 | 8 | 100 | 图2 |
| 4 | 16 | 8 | 150 | 图2 |
| 5 | 20 | 10 | 100 | 图2 |
| 5 | 20 | 10 | 150 | 图2 |
| 6 | 24 | 12 | 100 | 图2 |
| 6 | 24 | 12 | 150 | 图2 |
| 7 | 28 | 14 | 150 | 图2 |
| 8 | 32 | 16 | 150 | 图2 |
| 9 | 36 | 18 | 150 | 图2 |
| 10 | 40 | 20 | 150 | 图2 |



S560 二刃高光铝用刀

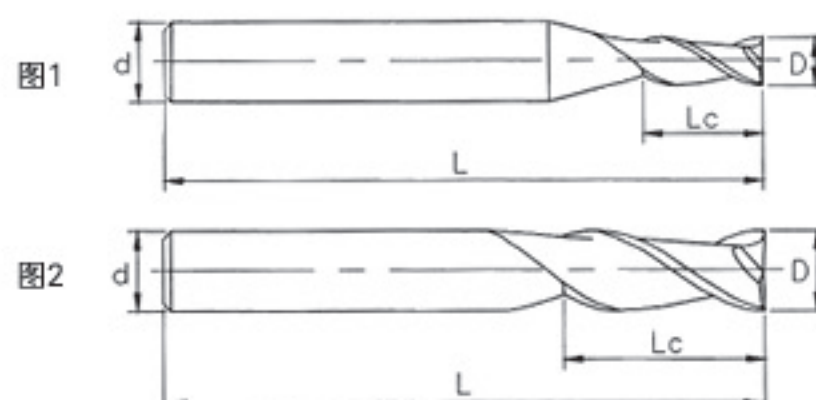
2 Flute, Aluminum Standard Length



WC=87 Co=12 HRA=92.5 抗折=4000N/mm² 粒径=0.4 μm

| D | 公差 Tol |
|--------|------------|
| D ≤ 12 | 0 -0.02 |
| D > 12 | 0 -0.03 |

单位unit(mm)



| D | Lc | d | L | 图号 Figure No. |
|-----|----|----|-----|------------------|
| 1 | 3 | 4 | 50 | 图1 |
| 1.5 | 5 | 4 | 50 | 图1 |
| 2 | 6 | 4 | 50 | 图1 |
| 2.5 | 8 | 4 | 50 | 图1 |
| 3 | 9 | 4 | 50 | 图1 |
| 3.5 | 12 | 4 | 50 | 图1 |
| 4 | 12 | 4 | 50 | 图2 |
| 3 | 9 | 6 | 50 | 图1 |
| 3.5 | 12 | 6 | 50 | 图1 |
| 4 | 12 | 6 | 50 | 图1 |
| 5 | 15 | 6 | 50 | 图1 |
| 6 | 18 | 6 | 50 | 图2 |
| 8 | 24 | 8 | 60 | 图2 |
| 10 | 30 | 10 | 75 | 图2 |
| 12 | 36 | 12 | 75 | 图2 |
| 16 | 45 | 16 | 100 | 图2 |

S560 三刃高光铝用刀

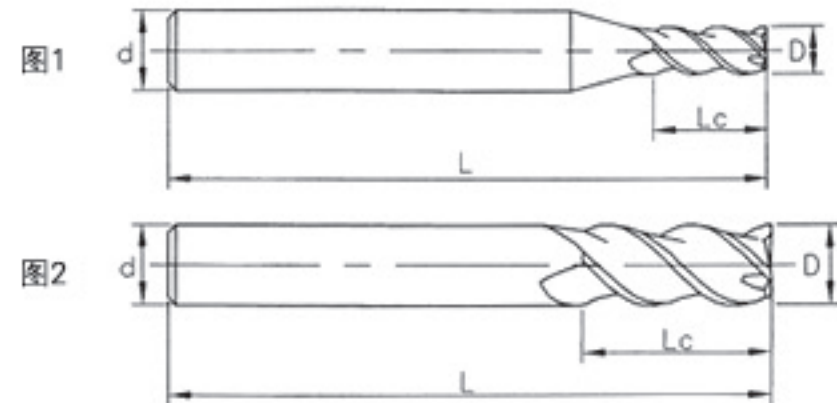
3 Flute, Aluminum Standard Length



WC=87 Co=12 HRA=92.5 抗折=4000N/mm² 粒径=0.4 μm

| D | 公差 Tol |
|--------|------------|
| D ≤ 12 | 0 -0.02 |
| D > 12 | 0 -0.03 |

单位unit(mm)



| D | Lc | d | L | 图号 Figure No. |
|-----|----|----|-----|------------------|
| 1 | 3 | 4 | 50 | 图1 |
| 1.5 | 5 | 4 | 50 | 图1 |
| 2 | 6 | 4 | 50 | 图1 |
| 2.5 | 8 | 4 | 50 | 图1 |
| 3 | 9 | 4 | 50 | 图1 |
| 3.5 | 12 | 4 | 50 | 图1 |
| 4 | 12 | 4 | 50 | 图2 |
| 3 | 9 | 6 | 50 | 图1 |
| 3.5 | 12 | 6 | 50 | 图1 |
| 4 | 12 | 6 | 50 | 图1 |
| 5 | 15 | 6 | 50 | 图1 |
| 6 | 18 | 6 | 50 | 图2 |
| 8 | 24 | 8 | 60 | 图2 |
| 10 | 30 | 10 | 75 | 图2 |
| 12 | 36 | 12 | 75 | 图2 |
| 16 | 45 | 16 | 100 | 图2 |

S560 二刃加长高光铝用刀

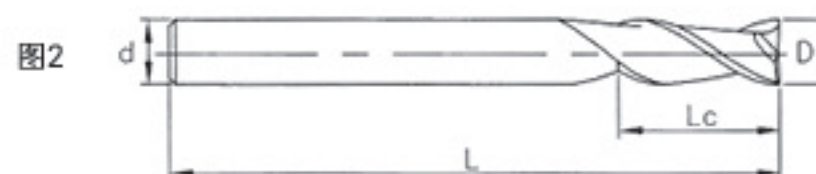
2 Flute, Aluminum with long Shank Length



WC=87 Co=12 HRA=92.5 抗折=4000N/mm² 粒径=0.4 μm

| D | 公差 Tol |
|--------|------------|
| D ≤ 12 | 0 -0.02 |
| D > 12 | 0 -0.03 |

单位unit(mm)



| D | Lc | d | L | 图号 Figure No. |
|----|----|----|-----|------------------|
| 1 | 8 | 6 | 75 | 图1 |
| 2 | 8 | 6 | 75 | 图1 |
| 3 | 12 | 6 | 75 | 图1 |
| 4 | 14 | 6 | 75 | 图1 |
| 5 | 18 | 6 | 75 | 图1 |
| 6 | 21 | 6 | 75 | 图2 |
| 8 | 32 | 8 | 75 | 图2 |
| 10 | 55 | 10 | 100 | 图2 |
| 12 | 60 | 12 | 100 | 图2 |
| 16 | 65 | 16 | 150 | 图2 |

S560 三刃加长高光铝用刀

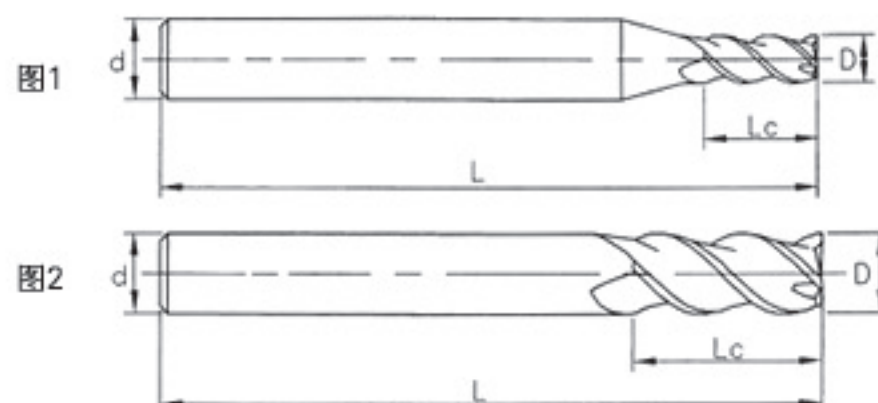
3 Flute, Aluminum with long Shank Length



WC=87 Co=12 HRA=92.5 抗折=4000N/mm² 粒径=0.4 μm

| D | 公差 Tol |
|--------|------------|
| D ≤ 12 | 0 -0.02 |
| D > 12 | 0 -0.03 |

单位unit(mm)



| D | Lc | d | L | 图号 Figure No. |
|----|----|----|-----|------------------|
| 1 | 8 | 6 | 50 | 图1 |
| 2 | 8 | 6 | 50 | 图1 |
| 3 | 12 | 6 | 50 | 图1 |
| 4 | 14 | 6 | 50 | 图1 |
| 5 | 18 | 6 | 50 | 图1 |
| 6 | 21 | 6 | 50 | 图2 |
| 8 | 32 | 8 | 60 | 图2 |
| 10 | 55 | 10 | 75 | 图2 |
| 12 | 60 | 12 | 75 | 图2 |
| 16 | 65 | 16 | 150 | 图2 |

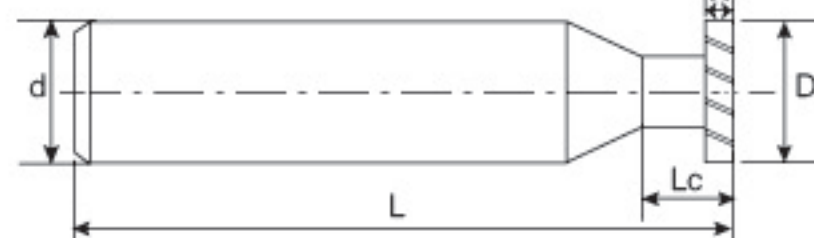
S550 T型刀

T milling cutters

WC=87 Co=12 HRA=91.8 抗折=4000N/mm² 粒径=0.4 μm

| D | 公差 Tol |
|--------|------------|
| D ≤ 12 | 0 -0.02 |
| D > 12 | 0 -0.03 |

单位unit(mm)



| D | H | d | Lc | L |
|-----|------|----|----|----|
| 1 | 0.2 | 2 | 3 | 50 |
| 1 | 1 | 2 | 3 | 50 |
| 1.5 | 0.2 | 3 | 3 | 50 |
| 1.5 | 1.5 | 3 | 3 | 50 |
| 2 | 0.2 | 4 | 5 | 50 |
| 2 | 2.5 | 4 | 5 | 50 |
| 2.5 | 0.25 | 5 | 5 | 50 |
| 2.5 | 3 | 5 | 5 | 50 |
| 3 | 0.5 | 6 | 8 | 50 |
| 3 | 1.5 | 6 | 8 | 50 |
| 4 | 0.5 | 8 | 10 | 50 |
| 4 | 2.5 | 8 | 10 | 50 |
| 5 | 0.5 | 10 | 10 | 50 |
| 5 | 3.5 | 10 | 10 | 50 |
| 6 | 0.5 | 12 | 10 | 60 |
| 6 | 4 | 12 | 10 | 60 |

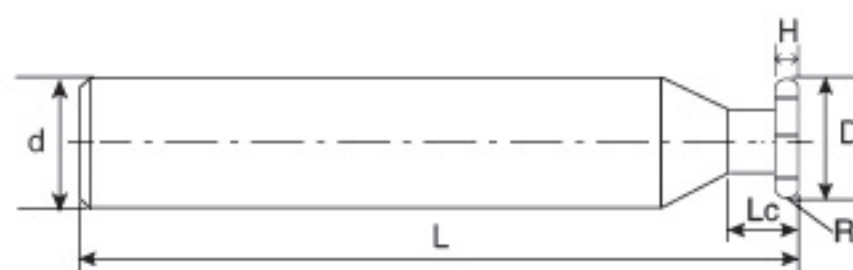
S550 圆弧T型刀

circular arc T milling cutters

WC=87 Co=12 HRA=91.8 抗折=4000N/mm² 粒径=0.4 μm

| D | 公差 Tol |
|--------|------------|
| D ≤ 12 | 0 -0.02 |
| D > 12 | 0 -0.03 |

单位unit(mm)



| D | R | H | d | Lc | L |
|-----|------|-----|----|----|----|
| 1 | 0.5 | 1 | 2 | 3 | 50 |
| 1.5 | 0.75 | 1.5 | 3 | 3 | 50 |
| 2 | 0.5 | 1 | 4 | 5 | 50 |
| 2 | 1 | 2 | 4 | 5 | 50 |
| 3 | 1 | 2 | 5 | 5 | 50 |
| 2 | 1.5 | 3 | 5 | 5 | 50 |
| 4 | 1 | 2 | 6 | 8 | 50 |
| 2 | 2 | 4 | 6 | 8 | 50 |
| 5 | 1 | 2 | 8 | 10 | 50 |
| 4 | 2 | 4 | 8 | 10 | 50 |
| 5 | 2 | 4 | 10 | 10 | 50 |
| 4 | 3 | 6 | 10 | 10 | 50 |
| 6 | 2.5 | 5 | 12 | 10 | 60 |
| 4 | 4 | 8 | 12 | 10 | 60 |



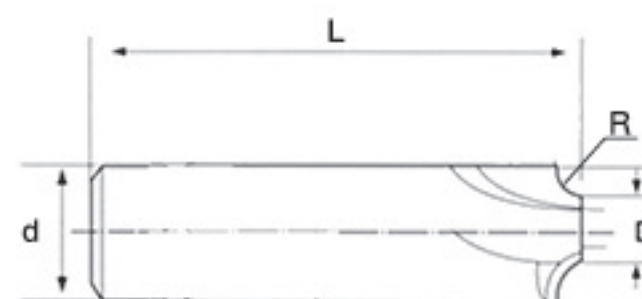
S550 内R刀

The R milling cutters

WC=87 Co=12 HRA=91.8 抗折=4000N/mm² 粒径=0.4 μm

| D | 公差 Tol |
|--------|------------|
| D ≤ 12 | 0 -0.02 |
| D > 12 | 0 -0.03 |

单位unit(mm)



| R | D | d | L |
|-------|-----|----|----|
| 0.5 | 1.5 | 8 | 50 |
| R0.75 | 1.5 | 8 | 50 |
| R1 | 1.5 | 8 | 50 |
| R1.25 | 1.5 | 10 | 50 |
| R1.5 | 1.5 | 10 | 50 |
| R1.75 | 1.5 | 10 | 50 |
| R2 | 1.5 | 12 | 50 |
| R2.5 | 1.5 | 12 | 50 |
| R3 | 1.5 | 12 | 50 |
| R4 | 2 | 16 | 60 |
| R5 | 3 | 16 | 75 |
| R6 | 3 | 16 | 75 |

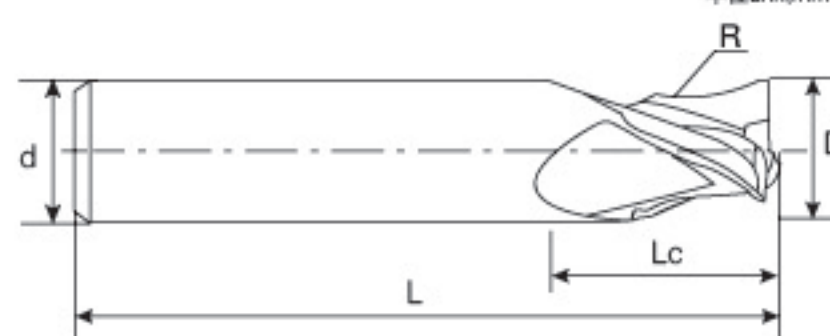
S550 内R刀

The R milling cutters

WC=87 Co=12 HRA=91.8 抗折=4000N/mm² 粒径=0.4 μm

| D | 公差 Tol |
|--------|------------|
| D ≤ 12 | 0 -0.02 |
| D > 12 | 0 -0.03 |

单位unit(mm)



| R | D | d | L |
|------|-----|----|----|
| R0.5 | 1.5 | 8 | 50 |
| R1 | 1.5 | 8 | 50 |
| R2 | 1.5 | 8 | 50 |
| R3 | 1.5 | 10 | 50 |
| R4 | 1.5 | 10 | 50 |
| R5 | 1.5 | 10 | 50 |
| R6 | 1.5 | 12 | 50 |
| R7 | 1.5 | 12 | 50 |
| R8 | 1.5 | 12 | 50 |
| R9 | 2 | 16 | 60 |
| R10 | 3 | 16 | 75 |
| R20 | 3 | 16 | 75 |



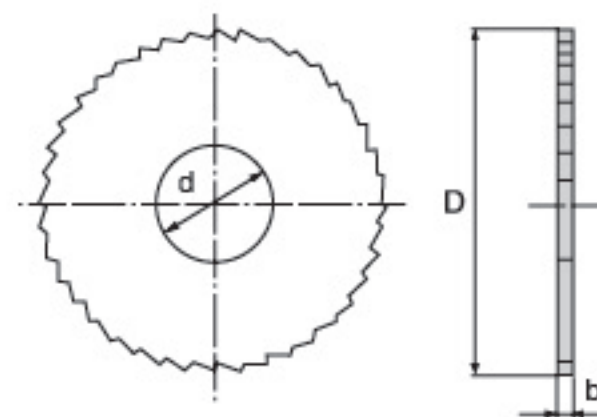
S550 锯片铣刀

Saw blade milling cutter

WC=87 Co=12 HRA=91.8 抗折=4000N/mm² 粒径=0.4 μm

| D | 公差 Tol |
|--------|------------|
| D ≤ 12 | 0 -0.02 |
| D > 12 | 0 -0.03 |

单位unit(mm)



| d | b | D |
|------------|----------|-----|
| 6 | 0.15-4.5 | 12 |
| 8 | 0.15-4.5 | 16 |
| 8 | 0.15-4.5 | 20 |
| 8 | 0.2-4.5 | 25 |
| 8/12.7 | 0.2-4.5 | 27 |
| 8/12.7 | 0.2-4.5 | 30 |
| 8/12.7 | 0.2-4.5 | 32 |
| 12.7 | 0.3-4.5 | 40 |
| 12.7 | 0.3-4.5 | 45 |
| 12.7 | 0.3-4.5 | 50 |
| 16 | 0.3-4.5 | 55 |
| 16/20 | 0.3-5.0 | 63 |
| 12.7/25.4 | 0.3-5.0 | 70 |
| 12.7/25.4 | 0.4-5.0 | 75 |
| 25.4/31.75 | 0.4-5.0 | 80 |
| 25.4/31.75 | 0.4-5.0 | 85 |
| 25.4/31.75 | 0.5-5.0 | 90 |
| 25.4/31.75 | 0.5-5.0 | 95 |
| 25.4/31.75 | 0.5-5.0 | 100 |
| 25.4/31.75 | 0.5-5.0 | 105 |



S580 螺纹铣刀

Saw blade milling cutter

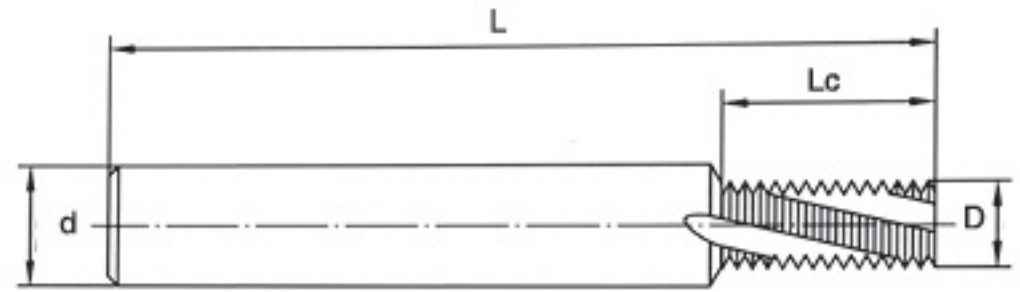


标记说明请参考 页 See page 1 for guidelines to icons

WC=88 Co=12 HV30=1700 HRA=92.5 抗折=4000N/mm² 粒径=0.4 μm

| D | 公差 Tol |
|--------|------------|
| D ≤ 12 | 0 -0.02 |
| D > 12 | 0 -0.03 |

单位unit(mm)



| M | D | Lc | d | L |
|-----------|------|------|----|-----|
| M1.0*0.25 | 0.73 | 2.3 | 4 | 50 |
| M1.0*0.25 | 0.92 | 2.8 | 4 | 50 |
| M1.4*0.3 | 1.05 | 3.2 | 4 | 50 |
| M1.6*0.35 | 1.21 | 3.7 | 4 | 50 |
| M2.0*0.4 | 1.55 | 4.6 | 4 | 50 |
| M2.5*0.45 | 2 | 5.8 | 4 | 50 |
| M3*0.5 | 2.44 | 7 | 4 | 50 |
| M4*0.7 | 3.2 | 9.3 | 4 | 50 |
| M5*0.8 | 4 | 11.5 | 6 | 60 |
| M6*1.0 | 4.85 | 13.8 | 6 | 60 |
| M8*1.25 | 6.7 | 16.2 | 8 | 60 |
| M10*1.5 | 8.7 | 19.5 | 10 | 75 |
| M12*1.75 | 9.9 | 24.5 | 12 | 75 |
| M16*2.0 | 13.6 | 32 | 16 | 90 |
| M20*2.5 | 17.1 | 35 | 20 | 100 |

工件材料表 Workpiece Material Table

| 材料组 ISO Material Group | MC GESAC | 工件材料 Workpiece Material | 含量 Carbon content | 抗拉强度 Tensile Strength N/mm ² | 布氏硬度 Brinell Hardness HB | 洛氏硬度 Rockwell Hardness HRC |
|---|-------------|--|-------------------------|---|--------------------------------|----------------------------------|
| P 钢 Steels | PA | 低碳钢, 长切屑 Low-carbon Steels, Long Chipping | C<0.25% | <530 | <125 | |
| | PB | 低碳钢, 短切屑, 易切钢 Low-carbon Steels, Short Chipping, Free-cutting Steels | C<0.25% | <530 | <125 | |
| | PC | 高碳钢及中碳钢 High-Carbon Steels, Medium-carbon Steels. | C<0.25% | >530 | <220 | <25 |
| | PD | 合金钢, 工具钢 Alloy Steels, Tool Steels | C<0.25% | 600-850 | <330 | <35 |
| | PE | 合金钢, 工具钢 Alloy Steels, Tool Steels | C<0.25% | 850-1400 | 340-450 | 35-48 |
| | PF | 铁素体不锈钢, 马氏体不锈钢, PH不锈钢 Ferritic Stainless Steels, Martensitic Stainless Steels, PH Stainless Steels. | C=(0-0.4)% | 600-900 | <330 | <35 |
| | PG | 高强度铁素体不锈钢, 马氏体不锈钢, PH不锈钢 High-strength Ferritic Stainless Steels, Martensitic Stainless Steels, PH Stainless Steels. | C=(0.1-0.6)% | 900-1350 | 330-450 | 35-48 |
| M 不锈钢 Stainless Steels | MA | 奥氏体不锈钢 Austenitic Stainless Steels | C=(0.05-0.15)% | <600 | 130-200 | |
| | MB | 高强度的奥氏体和铸造不锈钢 High-Strength Austenitic Stainless Steels and Cast Stainless Steels. | C=(0.05-0.15)% | 600-800 | 150-230 | <25 |
| | MC | 双相不锈钢 Duplex Stainless Steels | C=(0.05-0.20)% | <800 | 135-275 | <30 |
| K 铸铁 Cast Iron | KA | 灰铸铁 Grey Cast Iron. | | 125-500 | 120-290 | <32 |
| | KB | 中等加工难度的合金铸铁, 球墨铸铁 Moderately Difficult Alloy Cast Iron, Nodular Cast Iron. | | <600 | 130-260 | <28 |
| | KC | 难加工的高合金铸铁, 球墨铸铁 Difficult High-alloy Cast Iron, Nodular Cast Iron. | | >600 | 180-350 | <43 |
| N 有色金属 Non-ferrous Materials | NA | 锻造铝合金 Wrought Aluminium Alloys | | <520 | 60-90 | |
| | | 铸造铝合金 Cast Aluminium Alloys | | <350 | 70-100 | |
| | NB | 铸造铝合金 Cast Aluminium Alloys | | 200-320 | 60-120 | |
| | NC | 铜, 铜合金 Copper, Copper Alloys | | 200-650 | 60-200 | |
| | ND | 石墨, 复合材料 Graphite, CFK, CFRP Graphite, Composite Materials | | 600-1500 | | |
| | NE | 铝基复合材料 (MMCs) GFK CFK Aluminium-based Composite Materials | | <700 | <210 | |
| S 耐热合金、钛合金 Heat-resistant Alloys and Titanium Alloys | SA | 铁基高温合金 Iron-based Heat-resistant Alloys | | 500-1200 | 160-260 | 25-48 |
| | SB | 钴基高温合金 Cobalt-based Heat-resistant Alloys | | 1000-1450 | 250-450 | 25-48 |
| | SC | 镍基高温合金 Nickel-based Heat-resistant Alloys | | 600-1700 | 160-450 | <48 |
| | SD | 钛及钛合金 Titanium and Titanium Alloys | | 900-1600 | 300-400 | 33-48 |
| H 高硬度材料 High Hardness Materials | HA | 淬硬钢 Hardened Steels | | | | 44-48 |
| | HB | 淬硬钢 Hardened Steels | | | | 48-55 |
| | HC | 淬硬钢 Hardened Steels | | | | 56-60 |
| | HD | 淬硬钢 Hardened Steels | | | | >60 |

铣削加工的切削参数与通用计算公式


Cutting Parameters and General Formula

| 常用参数及其单位 Parameter and Unit | | | |
|---|------------------------|------------------------------|------------|
| D 铣刀直径 Diameter | (mm) | Fn 每转进给量 Feed per Revolution | (mm/rev) |
| ap 切削深度 Cutting Depth | (mm) | fz 每刃进给量 Feeding per Teeth | (mm/tooth) |
| ae 切削深度 Cutting Depth | (mm) | Z 刀刃数 Number of Teeth | |
| Vf 进给速度 Feed Rate | (mm/min) | n 主轴转速 Spindls Speed | (rev/min) |
| Vc 切削速度 Cutting Speed (工件长度+铣刀直径: l+D) | (m/min) | L 工作台总进给长度 Length | (mm) |
| Q 金属切削率 Rate of Metal Removal | (cm ³ /min) | Tc 加工时间 Processing Time | (min) |

| 通用计算公式 General Fomula | |
|-------------------------------|---|
| n 主轴转速 Spindle Speed | $n = \frac{Vc \cdot 1000}{\pi \cdot D}$ (rev/min) |
| Vc 切削速度 Cutting Speed | $Vc = \frac{\pi \cdot D \cdot n}{1000}$ (m/min) |
| Vf 进给速度 Feed Rate | $Vf = fz \cdot z \cdot n$ (mm/min) |
| fz 每刃进给量 Feed per Teeth | $fz = \frac{Vf}{z \cdot n}$ (m/min) |
| Q 金属切削率 Rate of Metal Removal | $Q = \frac{ae \cdot ap \cdot Vf}{1000}$ (cm ³ /min) |
| Tc 加工时间 Processing Time | $Tc = \frac{L}{Vf}$ (min) |

推荐切削参数 Recommended Cutting Parameters


钢件、铸铁 For Steel,Cast Iron——侧铣 Side Milling

| 工件材料 Workpiece Material |  | 切削速度 Cutting Speed(m/min) | | | 刃径 Tool Diameter(mm) | | | | | | | | | | | | |
|----------------------------|---|------------------------------|----------------|-----------|-------------------------|-----------|----|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| | | a _p | a _e | 最小 Min | 较好 Optimum | 最大 Max | mm | 1 | 2 | 4 | 6 | 8 | 10 | 12 | 16 | 20 | 25 |
| P | PA | 1×D | 0.12×D | 140 | 170 | 200 | fz | 0.013 | 0.02 | 0.033 | 0.045 | 0.062 | 0.075 | 0.085 | 0.11 | 0.12 | 0.15 |
| | PB | 1×D | 0.12×D | 140 | 170 | 200 | fz | 0.013 | 0.02 | 0.033 | 0.045 | 0.062 | 0.075 | 0.085 | 0.11 | 0.12 | 0.15 |
| | PC | 1×D | 0.12×D | 120 | 150 | 180 | fz | 0.01 | 0.015 | 0.03 | 0.04 | 0.06 | 0.07 | 0.08 | 0.09 | 0.1 | 0.13 |
| | PD | 1×D | 0.12×D | 120 | 150 | 180 | fz | 0.01 | 0.015 | 0.03 | 0.04 | 0.06 | 0.07 | 0.08 | 0.09 | 0.1 | 0.13 |
| | PE | 1×D | 0.1×D | 100 | 120 | 150 | fz | 0.007 | 0.012 | 0.025 | 0.038 | 0.058 | 0.065 | 0.07 | 0.075 | 0.085 | 0.105 |
| | PF | 1×D | 0.1×D | 90 | 110 | 130 | fz | 0.007 | 0.012 | 0.022 | 0.035 | 0.05 | 0.055 | 0.06 | 0.065 | 0.075 | 0.105 |
| M | MA | 1×D | 0.12×D | 110 | 140 | 170 | fz | 0.013 | 0.02 | 0.033 | 0.045 | 0.062 | 0.075 | 0.085 | 0.11 | 0.12 | 0.15 |
| | MB | 1×D | 0.12×D | 100 | 130 | 150 | fz | 0.01 | 0.015 | 0.03 | 0.04 | 0.06 | 0.07 | 0.08 | 0.09 | 0.1 | 0.13 |
| | MC | 1×D | 0.1×D | 90 | 110 | 130 | fz | 0.007 | 0.012 | 0.025 | 0.035 | 0.05 | 0.055 | 0.06 | 0.065 | 0.075 | 0.105 |
| K | KA | 1×D | 0.12×D | 140 | 170 | 200 | fz | 0.012 | 0.02 | 0.035 | 0.05 | 0.06 | 0.07 | 0.08 | 0.095 | 0.11 | 0.14 |
| | KB | 1×D | 0.12×D | 120 | 150 | 180 | fz | 0.01 | 0.015 | 0.03 | 0.045 | 0.055 | 0.065 | 0.075 | 0.09 | 0.1 | 0.13 |
| | KC | 1×D | 0.1×D | 100 | 130 | 150 | fz | 0.008 | 0.013 | 0.024 | 0.04 | 0.05 | 0.06 | 0.07 | 0.08 | 0.09 | 0.11 |
| N | NA | 1×D | 0.18×D | 300 | 500 | 700 | fz | 0.02 | 0.03 | 0.05 | 0.07 | 0.09 | 0.11 | 0.13 | 0.17 | 0.22 | 0.28 |
| | NB | 1×D | 0.18×D | 300 | 500 | 700 | fz | 0.018 | 0.025 | 0.045 | 0.065 | 0.085 | 0.105 | 0.12 | 0.15 | 0.18 | 0.24 |
| | NC | 1×D | 0.18×D | 250 | 450 | 650 | fz | 0.015 | 0.02 | 0.04 | 0.06 | 0.075 | 0.095 | 0.11 | 0.14 | 0.17 | 0.23 |

上表最适合加工钢件、铸铁，也可用于其他通用加工，以上其他材料加工参数仅供参考。
This serie tools are most suitable for steels and cast iron,and also versatile for other materials listed above.

推荐切削参数 Recommended Cutting Parameters


钢件、铸铁 For Steel, Cast Iron——槽铣 Slotting

| 工件材料 Workpiece Material |  | 切削速度 Cutting Speed(m/min) | | | 刃径 Tool Diameter(mm) | | | | | | | | | | | |
|----------------------------|---|------------------------------|-----------|---------------|-------------------------|----|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| | | a_p | 最小 Min | 较好 Optimum | 最大 Max | mm | 1 | 2 | 4 | 6 | 8 | 10 | 12 | 16 | 20 | 25 |
| P | PA | 1×D | 60 | 80 | 95 | fz | 0.01 | 0.02 | 0.04 | 0.05 | 0.06 | 0.07 | 0.08 | 0.12 | 0.15 | 0.2 |
| | PB | 1×D | 60 | 80 | 95 | fz | 0.01 | 0.02 | 0.04 | 0.05 | 0.06 | 0.07 | 0.08 | 0.12 | 0.15 | 0.2 |
| | PC | 0.8×D | 55 | 75 | 90 | fz | 0.008 | 0.015 | 0.035 | 0.045 | 0.05 | 0.06 | 0.07 | 0.1 | 0.12 | 0.16 |
| | PD | 0.8×D | 55 | 70 | 85 | fz | 0.008 | 0.015 | 0.035 | 0.045 | 0.05 | 0.06 | 0.07 | 0.1 | 0.12 | 0.16 |
| | PE | 0.5×D | 50 | 60 | 70 | fz | 0.006 | 0.012 | 0.03 | 0.04 | 0.045 | 0.055 | 0.065 | 0.09 | 0.11 | 0.13 |
| | PF | 0.3×D | 35 | 50 | 60 | fz | 0.006 | 0.012 | 0.015 | 0.03 | 0.04 | 0.05 | 0.06 | 0.07 | 0.08 | 0.11 |
| M | MA | 0.3×D | 40 | 55 | 65 | fz | 0.009 | 0.02 | 0.02 | 0.036 | 0.047 | 0.058 | 0.068 | 0.08 | 0.09 | 0.12 |
| | MB | 0.3×D | 40 | 55 | 65 | fz | 0.007 | 0.015 | 0.017 | 0.033 | 0.044 | 0.054 | 0.064 | 0.075 | 0.085 | 0.1 |
| | MC | 0.3×D | 35 | 50 | 60 | fz | 0.006 | 0.012 | 0.015 | 0.03 | 0.04 | 0.05 | 0.06 | 0.07 | 0.08 | 0.095 |
| K | KA | 0.8×D | 50 | 60 | 70 | fz | 0.008 | 0.02 | 0.035 | 0.045 | 0.05 | 0.06 | 0.07 | 0.1 | 0.12 | 0.16 |
| | KB | 0.8×D | 40 | 55 | 65 | fz | 0.009 | 0.015 | 0.02 | 0.036 | 0.047 | 0.058 | 0.068 | 0.08 | 0.09 | 0.12 |
| | KC | 0.5×D | 40 | 55 | 65 | fz | 0.007 | 0.013 | 0.017 | 0.033 | 0.044 | 0.054 | 0.064 | 0.075 | 0.085 | 0.1 |
| N | NA | 0.5×D | 150 | 180 | 220 | fz | 0.012 | 0.03 | 0.043 | 0.054 | 0.065 | 0.075 | 0.09 | 0.15 | 0.18 | 0.22 |
| | NB | 0.5×D | 150 | 180 | 220 | fz | 0.012 | 0.025 | 0.043 | 0.054 | 0.065 | 0.075 | 0.09 | 0.15 | 0.18 | 0.22 |
| | NC | 0.5×D | 130 | 160 | 190 | fz | 0.01 | 0.02 | 0.04 | 0.05 | 0.06 | 0.07 | 0.08 | 0.12 | 0.15 | 0.2 |

上表最适合加工钢件、铸铁，也可用于其他通用加工，以上其他材料加工参数仅供参考。
This serie tools are most suitable for steels and cast iron, and also versatile for other materials listed above.

推荐切削参数 Recommended Cutting Parameters

钢件、铸铁 For Steel, Cast Iron——仿形铣 Profiling

| 工件材料 Workpiece Material |  | 切削速度 Cutting Speed(m/min) | | | 刃径 Tool Diameter(mm) | | | | | | | | | | | |
|----------------------------|---|------------------------------|--------|-----------|-------------------------|-----------|----|-------|-------|-------|-------|-------|-------|-------|-------|------|
| | | a_p | a_e | 最小 Min | 较好 Optimum | 最大 Max | mm | 1 | 2 | 4 | 6 | 8 | 10 | 12 | 16 | 20 |
| P | PA | 0.2×D | 0.3×D | 120 | 160 | 200 | fz | 0.009 | 0.018 | 0.038 | 0.058 | 0.076 | 0.095 | 0.115 | 0.15 | 0.18 |
| | PB | 0.2×D | 0.3×D | 120 | 160 | 200 | fz | 0.009 | 0.018 | 0.038 | 0.058 | 0.076 | 0.095 | 0.115 | 0.15 | 0.18 |
| | PC | 0.2×D | 0.3×D | 110 | 140 | 170 | fz | 0.007 | 0.015 | 0.032 | 0.052 | 0.07 | 0.085 | 0.105 | 0.13 | 0.16 |
| | PD | 0.2×D | 0.3×D | 110 | 140 | 170 | fz | 0.007 | 0.015 | 0.032 | 0.052 | 0.07 | 0.085 | 0.105 | 0.13 | 0.16 |
| | PE | 0.2×D | 0.25×D | 100 | 120 | 150 | fz | 0.006 | 0.012 | 0.028 | 0.046 | 0.065 | 0.08 | 0.1 | 0.12 | 0.15 |
| | PF | 0.2×D | 0.2×D | 80 | 110 | 130 | fz | 0.006 | 0.012 | 0.026 | 0.043 | 0.062 | 0.075 | 0.095 | 0.112 | 0.14 |
| M | MA | 0.2×D | 0.2×D | 80 | 110 | 130 | fz | 0.007 | 0.015 | 0.032 | 0.052 | 0.07 | 0.085 | 0.105 | 0.13 | 0.16 |
| | MB | 0.2×D | 0.2×D | 80 | 110 | 130 | fz | 0.007 | 0.015 | 0.032 | 0.052 | 0.07 | 0.085 | 0.105 | 0.13 | 0.16 |
| | MC | 0.1×D | 0.1×D | 70 | 85 | 100 | fz | 0.006 | 0.013 | 0.03 | 0.05 | 0.06 | 0.076 | 0.09 | 0.12 | 0.15 |
| K | KA | 0.2×D | 0.2×D | 110 | 140 | 170 | fz | 0.009 | 0.018 | 0.038 | 0.058 | 0.076 | 0.095 | 0.115 | 0.15 | 0.18 |
| | KB | 0.2×D | 0.2×D | 110 | 140 | 170 | fz | 0.007 | 0.015 | 0.032 | 0.052 | 0.07 | 0.085 | 0.105 | 0.13 | 0.16 |
| | KC | 0.3×D | 0.3×D | 150 | 200 | 280 | fz | 0.02 | 0.04 | 0.08 | 0.12 | 0.16 | 0.2 | 0.24 | 0.32 | 0.4 |
| N | NA | 0.3×D | 0.3×D | 280 | 450 | 600 | fz | 0.025 | 0.05 | 0.1 | 0.15 | 0.2 | 0.25 | 0.3 | 0.4 | 0.5 |
| | NB | 0.3×D | 0.3×D | 280 | 450 | 600 | fz | 0.025 | 0.05 | 0.09 | 0.13 | 0.18 | 0.22 | 0.27 | 0.36 | 0.45 |
| | NC | 0.3×D | 0.5×D | 250 | 350 | 450 | fz | 0.018 | 0.035 | 0.08 | 0.1 | 0.16 | 0.19 | 0.23 | 0.3 | 0.36 |

上表最适合加工钢件、铸铁，也可用于其他通用加工，以上其他材料加工参数仅供参考。

This serie tools are most suitable for steels and cast iron, and also versatile for other materials listed above.

1. 请使用刚性较高的机床，建议采用液压刀柄、侧压刀柄、热胀刀柄、带弹簧夹头等强力铣削刀柄。

Make sure work piece and machine are stable, use hydraulic chucks, high quality collet chucks, or shrink fit chucks.


2. 请根据切削速度、设备刚性等情况可适当调整转速和进给速度。

Please adjust the speed, feed and cutting depth according to actual cutting conditons.

3. 上表是按照刀具悬长为直径4倍以下时所制订的，如果刀具悬长过长，加工时易产生振动，此时，请适当调整转速，进给速度和切深量。

The milling conditons are for an end mill where the tool overhang length is less than 3XD (mill dia). When the tool overhang length is longer, please adjust the speed, feed and cutting depth.

钢件、铸铁 For Steel, Cast Iron——侧铣 Side Milling

| 工件材料 Workpiece Material |  | 切削速度 Cutting Speed(m/min) | | | 刃径 Tool Diameter(mm) | | | | | | | | | | |
|----------------------------|---|------------------------------|--------|-----------|-------------------------|-----------|----|-------|-------|-------|-------|-------|-------|-------|-------|
| | | a_p | a_e | 最小 Min | 较好 Optimum | 最大 Max | mm | 3 | 4 | 6 | 8 | 10 | 12 | 16 | 20 |
| P | PA | 1.5×D | 0.15×D | 150 | 180 | 210 | fz | 0.028 | 0.036 | 0.048 | 0.065 | 0.08 | 0.09 | 0.12 | 0.15 |
| | PB | 1.5×D | 0.15×D | 150 | 180 | 210 | fz | 0.028 | 0.036 | 0.048 | 0.065 | 0.08 | 0.09 | 0.12 | 0.15 |
| | PC | 1.5×D | 0.15×D | 130 | 150 | 170 | fz | 0.025 | 0.032 | 0.042 | 0.063 | 0.073 | 0.084 | 0.095 | 0.12 |
| | PD | 1×D | 0.15×D | 130 | 150 | 10 | fz | 0.025 | 0.032 | 0.042 | 0.063 | 0.073 | 0.084 | 0.095 | 0.12 |
| | PE | 1×D | 0.12×D | 110 | 130 | 160 | fz | 0.022 | 0.028 | 0.04 | 0.06 | 0.068 | 0.073 | 0.08 | 0.09 |
| | PF | 0.8×D | 0.12×D | 100 | 120 | 140 | fz | 0.02 | 0.025 | 0.038 | 0.054 | 0.06 | 0.065 | 0.07 | 0.08 |
| M | MA | 1.5×D | 0.15×D | 120 | 150 | 180 | fz | 0.028 | 0.036 | 0.048 | 0.066 | 0.085 | 0.09 | 0.12 | 0.13 |
| | MB | 1.5×D | 0.15×D | 110 | 130 | 160 | fz | 0.025 | 0.32 | 0.043 | 0.063 | 0.074 | 0.085 | 0.095 | 0.11 |
| | MC | 1×D | 0.12×D | 100 | 120 | 140 | fz | 0.021 | 0.027 | 0.038 | 0.054 | 0.06 | 0.065 | 0.07 | 0.08 |
| K | KA | 1.5×D | 0.15×D | 150 | 180 | 210 | fz | 0.03 | 0.037 | 0.053 | 0.064 | 0.075 | 0.085 | 0.1 | 0.12 |
| | KB | 1.5×D | 0.15×D | 130 | 160 | 190 | fz | 0.025 | 0.032 | 0.048 | 0.059 | 0.069 | 0.08 | 0.095 | 0.11 |
| | KC | 1×D | 0.12×D | 110 | 140 | 170 | fz | 0.022 | 0.03 | 0.045 | 0.056 | 0.065 | 0.075 | 0.09 | 0.102 |

推荐切削参数 Recommended Cutting Parameters

钢件、铸铁 For Steel,Cast Iron——槽铣 Slotting

| 工件材料 Workpiece Material | | 切削速度 Cutting Speed(m/min) | | | 刃径 Tool Diameter(mm) | | | | | | | | | |
|----------------------------|----|------------------------------|-----------|---------------|-------------------------|----|-------|-------|-------|-------|-------|-------|-------|-------|
| | | a_p | 最小 Min | 较好 Optimum | 最大 Max | mm | 3 | 4 | 6 | 8 | 10 | 12 | 16 | 20 |
| P | PA | $0.8 \times D$ | 60 | 80 | 95 | fz | 0.025 | 0.042 | 0.052 | 0.062 | 0.072 | 0.082 | 0.125 | 0.16 |
| | PB | $0.8 \times D$ | 60 | 80 | 95 | fz | 0.025 | 0.042 | 0.052 | 0.062 | 0.072 | 0.082 | 0.125 | 0.16 |
| | PC | $0.5 \times D$ | 55 | 75 | 90 | fz | 0.022 | 0.037 | 0.047 | 0.052 | 0.062 | 0.072 | 0.105 | 0.13 |
| | PD | $0.5 \times D$ | 55 | 70 | 85 | fz | 0.022 | 0.037 | 0.047 | 0.052 | 0.062 | 0.072 | 0.105 | 0.13 |
| | PE | $0.3 \times D$ | 50 | 60 | 70 | fz | 0.02 | 0.032 | 0.042 | 0.047 | 0.057 | 0.068 | 0.095 | 0.12 |
| | PF | $0.3 \times D$ | 35 | 50 | 60 | fz | 0.012 | 0.018 | 0.033 | 0.043 | 0.054 | 0.065 | 0.075 | 0.085 |
| M | MA | $0.3 \times D$ | 40 | 55 | 65 | fz | 0.015 | 0.022 | 0.038 | 0.049 | 0.06 | 0.07 | 0.083 | 0.095 |
| | MB | $0.3 \times D$ | 40 | 55 | 65 | fz | 0.012 | 0.018 | 0.035 | 0.046 | 0.056 | 0.066 | 0.078 | 0.09 |
| | MC | $0.3 \times D$ | 35 | 50 | 60 | fz | 0.01 | 0.017 | 0.032 | 0.042 | 0.053 | 0.064 | 0.075 | 0.085 |
| K | KA | $0.5 \times D$ | 50 | 60 | 70 | fz | 0.022 | 0.037 | 0.047 | 0.052 | 0.063 | 0.074 | 0.105 | 0.13 |
| | KB | $0.5 \times D$ | 45 | 55 | 65 | fz | 0.018 | 0.028 | 0.043 | 0.05 | 0.06 | 0.07 | 0.085 | 0.096 |
| | KC | $0.3 \times D$ | 40 | 50 | 60 | fz | 0.015 | 0.023 | 0.04 | 0.045 | 0.055 | 0.065 | 0.08 | 0.09 |

上表最适合加工钢件、铸铁，也可用于其他通用加工，以上其他材料加工参数仅供参考。
This serie tools are most suitable for steels and cast iron,and also versatile for other materials listed above.

钢件、铸铁 For Steel,Cast Iron——仿形铣 Profiling

| 工件材料 Workpiece Material | | 切削速度 Cutting Speed(m/min) | | | | 刃径 Tool Diameter(mm) | | | | | | | | | | |
|----------------------------|----|------------------------------|-----------------|-----------|---------------|-------------------------|----|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| | | a_p | a_e | 最小 Min | 较好 Optimum | 最大 Max | mm | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
| P | PA | $0.2 \times D$ | $0.3 \times D$ | 120 | 160 | 200 | fz | 0.04 | 0.05 | 0.06 | 0.07 | 0.08 | 0.09 | 0.1 | 0.11 | 0.12 |
| | PB | $0.2 \times D$ | $0.3 \times D$ | 120 | 160 | 200 | fz | 0.04 | 0.05 | 0.06 | 0.07 | 0.08 | 0.09 | 0.1 | 0.11 | 0.12 |
| | PC | $0.2 \times D$ | $0.3 \times D$ | 110 | 140 | 170 | fz | 0.035 | 0.045 | 0.055 | 0.063 | 0.072 | 0.08 | 0.09 | 0.1 | 0.11 |
| | PD | $0.2 \times D$ | $0.3 \times D$ | 110 | 140 | 170 | fz | 0.035 | 0.045 | 0.055 | 0.063 | 0.072 | 0.08 | 0.09 | 0.1 | 0.11 |
| | PE | $0.15 \times D$ | $0.15 \times D$ | 100 | 120 | 150 | fz | 0.032 | 0.042 | 0.052 | 0.058 | 0.065 | 0.072 | 0.08 | 0.087 | 0.095 |
| | PF | $0.15 \times D$ | $0.15 \times D$ | 100 | 120 | 150 | fz | 0.03 | 0.04 | 0.05 | 0.056 | 0.062 | 0.068 | 0.075 | 0.082 | 0.09 |
| M | MA | $0.2 \times D$ | $0.2 \times D$ | 80 | 110 | 130 | fz | 0.035 | 0.045 | 0.055 | 0.063 | 0.072 | 0.08 | 0.09 | 0.1 | 0.11 |
| | MB | $0.2 \times D$ | $0.2 \times D$ | 80 | 110 | 130 | fz | 0.035 | 0.045 | 0.055 | 0.063 | 0.072 | 0.08 | 0.09 | 0.1 | 0.11 |
| | MC | $0.1 \times D$ | $0.1 \times D$ | 70 | 85 | 100 | fz | 0.032 | 0.042 | 0.052 | 0.058 | 0.065 | 0.072 | 0.08 | 0.087 | 0.095 |
| K | KA | $0.2 \times D$ | $0.2 \times D$ | 110 | 140 | 170 | fz | 0.04 | 0.05 | 0.06 | 0.07 | 0.08 | 0.09 | 0.1 | 0.11 | 0.12 |
| | KB | $0.2 \times D$ | $0.2 \times D$ | 110 | 140 | 170 | fz | 0.035 | 0.045 | 0.055 | 0.063 | 0.072 | 0.08 | 0.09 | 0.1 | 0.11 |
| | KC | $0.1 \times D$ | $0.1 \times D$ | 100 | 120 | 150 | fz | 0.032 | 0.042 | 0.052 | 0.06 | 0.07 | 0.077 | 0.085 | 0.095 | 0.105 |

上表最适合加工钢件、铸铁，也可用于其他通用加工，以上其他材料加工参数仅供参考。
This serie tools are most suitable for steels and cast iron,and also versatile for other materials listed above.


- 1.请使用刚性较高的机床，建议采用液压刀柄、侧压刀柄、热胀刀柄、带弹簧夹头等强力铣削刀柄。
Make sure work piece and machine are stable,use hydraulic chucks,high quality collet chucks,or shrink fit chucks.
- 2.请根据切削速度、设备刚性等情况可适当调整转速和进给速度。
Please adjust the speed,feed and cutting depth according to actual cutting conditons.
- 3.上表是按照刀具悬长为直径4倍以下时所制订的，如果刀具悬长过长，加工时易产生振动，此时，请适当调整转速，进给速度和切深量。
The milling conditons are for an end mill where the tool overhang length is less than 3XD(mill dia).When the tool overhang length is longer,please adjust the speed,feed and cutting depth.

推荐切削参数 Recommended Cutting Parameters

钢件、铸铁 For Steel, Cast Iron——侧铣 Side Milling

| 工件材料 Workpiece Material |  | 切削速度 Cutting Speed(m/min) | | | 刃径 Tool Diameter(mm) | | | | | | | | | | |
|----------------------------|---|------------------------------|--------|-----------|-------------------------|-----------|----|-------|-------|-------|-------|-------|-------|-------|-------|
| | | a_p | a_e | 最小 Min | 较好 Optimum | 最大 Max | mm | 3 | 4 | 6 | 8 | 10 | 12 | 16 | 20 |
| P | PA | 1.5×D | 0.15×D | 170 | 200 | 230 | fz | 0.032 | 0.041 | 0.053 | 0.07 | 0.085 | 0.1 | 0.125 | 0.155 |
| | PB | 1.5×D | 0.15×D | 170 | 200 | 230 | fz | 0.032 | 0.041 | 0.053 | 0.07 | 0.085 | 0.1 | 0.125 | 0.155 |
| | PC | 1.5×D | 0.15×D | 150 | 170 | 190 | fz | 0.03 | 0.037 | 0.047 | 0.068 | 0.078 | 0.089 | 0.1 | 0.125 |
| | PD | 1×D | 0.15×D | 150 | 170 | 190 | fz | 0.03 | 0.037 | 0.047 | 0.068 | 0.078 | 0.089 | 0.1 | 0.125 |
| | PE | 1×D | 0.12×D | 130 | 150 | 180 | fz | 0.027 | 0.033 | 0.045 | 0.065 | 0.073 | 0.078 | 0.085 | 0.095 |
| | PF | 0.8×D | 0.12×D | 120 | 140 | 160 | fz | 0.025 | 0.03 | 0.035 | 0.059 | 0.065 | 0.07 | 0.075 | 0.085 |
| M | MA | 1.5×D | 0.15×D | 150 | 170 | 190 | fz | 0.033 | 0.041 | 0.053 | 0.071 | 0.09 | 0.095 | 0.125 | 0.135 |
| | MB | 1.5×D | 0.15×D | 130 | 150 | 180 | fz | 0.033 | 0.037 | 0.048 | 0.068 | 0.079 | 0.09 | 0.1 | 0.115 |
| | MC | 1×D | 0.12×D | 120 | 140 | 160 | fz | 0.026 | 0.032 | 0.043 | 0.059 | 0.065 | 0.07 | 0.075 | 0.085 |
| K | KA | 1.5×D | 0.15×D | 170 | 200 | 230 | fz | 0.035 | 0.042 | 0.058 | 0.069 | 0.08 | 0.09 | 0.105 | 0.125 |
| | KB | 1.5×D | 0.15×D | 150 | 170 | 190 | fz | 0.03 | 0.037 | 0.053 | 0.064 | 0.074 | 0.085 | 0.1 | 0.115 |
| | KC | 1×D | 0.12×D | 130 | 150 | 180 | fz | 0.027 | 0.035 | 0.05 | 0.061 | 0.07 | 0.08 | 0.095 | 0.107 |


钢件、铸铁 For Steel, Cast Iron——槽铣 Slotting

| 工件材料 Workpiece Material |  | 切削速度 Cutting Speed(m/min) | | | 刃径 Tool Diameter(mm) | | | | | | | | | |
|----------------------------|---|------------------------------|-----------|---------------|-------------------------|----|-------|-------|-------|-------|-------|-------|-------|-------|
| | | a_p | 最小 Min | 较好 Optimum | 最大 Max | mm | 3 | 4 | 6 | 8 | 10 | 12 | 16 | 20 |
| P | PA | 1×D | 60 | 80 | 95 | fz | 0.031 | 0.048 | 0.057 | 0.067 | 0.077 | 0.089 | 0.133 | 0.17 |
| | PB | 1×D | 60 | 80 | 95 | fz | 0.031 | 0.048 | 0.057 | 0.067 | 0.077 | 0.089 | 0.133 | 0.17 |
| | PC | 0.8×D | 55 | 75 | 90 | fz | 0.028 | 0.043 | 0.052 | 0.057 | 0.067 | 0.079 | 0.113 | 0.14 |
| | PD | 0.8×D | 55 | 70 | 85 | fz | 0.028 | 0.043 | 0.052 | 0.057 | 0.067 | 0.079 | 0.113 | 0.14 |
| | PE | 0.5×D | 50 | 60 | 70 | fz | 0.026 | 0.038 | 0.047 | 0.052 | 0.062 | 0.075 | 0.103 | 0.13 |
| | PF | 0.3×D | 35 | 50 | 60 | fz | 0.018 | 0.024 | 0.038 | 0.048 | 0.059 | 0.072 | 0.083 | 0.095 |
| M | MA | 0.3×D | 40 | 55 | 65 | fz | 0.021 | 0.08 | 0.043 | 0.054 | 0.065 | 0.077 | 0.091 | 0.105 |
| | MB | 0.3×D | 40 | 55 | 65 | fz | 0.018 | 0.024 | 0.04 | 0.051 | 0.061 | 0.073 | 0.086 | 0.1 |
| | MC | 0.3×D | 35 | 50 | 60 | fz | 0.016 | 0.023 | 0.037 | 0.047 | 0.058 | 0.071 | 0.083 | 0.095 |
| K | KA | 0.8×D | 50 | 60 | 70 | fz | 0.028 | 0.043 | 0.052 | 0.057 | 0.068 | 0.081 | 0.113 | 0.14 |
| | KB | 0.8×D | 45 | 55 | 65 | fz | 0.024 | 0.034 | 0.048 | 0.055 | 0.065 | 0.077 | 0.093 | 0.106 |
| | KC | 0.5×D | 40 | 50 | 60 | fz | 0.021 | 0.029 | 0.045 | 0.05 | 0.06 | 0.072 | 0.088 | 0.1 |

上表最适合加工钢件、铸铁，也可用于其他通用加工，以上其他材料加工参数仅供参考。
This series tools are most suitable for steels and cast iron, and also versatile for other materials listed above.

推荐切削参数 Recommended Cutting Parameters


钢件、铸铁 For Steel, Cast Iron (粗加工 Roughing)——侧铣 Side Milling

| 工件材料 Workpiece Material |  | 切削速度 Cutting Speed(m/min) | | | 刃径 Tool Diameter(mm) | | | | | | | | |
|----------------------------|---|------------------------------|--------|-----------|-------------------------|-----------|----|-------|-------|-------|-------|------|------|
| | | a_p | a_e | 最小 Min | 较好 Optimum | 最大 Max | mm | 6 | 8 | 10 | 12 | 16 | 20 |
| P | PA | 1×D | 0.2×D | 120 | 140 | 160 | fz | 0.042 | 0.056 | 0.07 | 0.08 | 0.1 | 0.11 |
| | PB | 1×D | 0.2×D | 120 | 140 | 160 | fz | 0.042 | 0.056 | 0.07 | 0.08 | 0.1 | 0.11 |
| | PC | 1×D | 0.2×D | 110 | 130 | 150 | fz | 0.036 | 0.048 | 0.06 | 0.072 | 0.09 | 0.1 |
| | PD | 1×D | 0.2×D | 110 | 130 | 150 | fz | 0.036 | 0.048 | 0.06 | 0.072 | 0.09 | 0.1 |
| | PE | 1×D | 0.12×D | 100 | 110 | 120 | fz | 0.03 | 0.04 | 0.05 | 0.06 | 0.08 | 0.09 |
| | PF | 1×D | 0.12×D | 90 | 100 | 110 | fz | 0.025 | 0.035 | 0.045 | 0.055 | 0.06 | 0.07 |
| M | MA | 1×D | 0.2×D | 110 | 130 | 150 | fz | 0.036 | 0.048 | 0.06 | 0.072 | 0.09 | 0.1 |
| | MB | 1×D | 0.2×D | 110 | 130 | 150 | fz | 0.036 | 0.048 | 0.06 | 0.072 | 0.09 | 0.1 |
| | MC | 1×D | 0.12×D | 100 | 110 | 120 | fz | 0.03 | 0.04 | 0.05 | 0.06 | 0.08 | 0.09 |
| K | KA | 1×D | 0.2×D | 120 | 140 | 160 | fz | 0.042 | 0.056 | 0.07 | 0.08 | 0.1 | 0.11 |
| | KB | 1×D | 0.2×D | 120 | 140 | 160 | fz | 0.042 | 0.056 | 0.07 | 0.08 | 0.1 | 0.11 |
| | KC | 1×D | 0.12×D | 110 | 130 | 150 | fz | 0.036 | 0.048 | 0.06 | 0.072 | 0.09 | 0.1 |
| N | NA | 1.5×D | 0.3×D | 250 | 350 | 500 | fz | 0.06 | 0.08 | 0.1 | 0.12 | 0.16 | 0.2 |
| | NB | 1.5×D | 0.3×D | 250 | 350 | 500 | fz | 0.06 | 0.08 | 0.1 | 0.12 | 0.16 | 0.2 |
| | NC | 1.5×D | 0.3×D | 200 | 300 | 400 | fz | 0.055 | 0.07 | 0.09 | 0.1 | 0.13 | 0.16 |

上表最适合加工钢件、铸铁，也可用于其他通用加工，以上其他材料加工参数仅供参考。
This series tools are most suitable for steels and cast iron, and also versatile for other materials listed above.

推荐切削参数 Recommended Cutting Parameters

钢件、铸铁 For Steel, Cast Iron (微小径深槽加工 Miniature)——槽铣 Slotting


| 工件材料 Workpiece Material |  | 切削速度 Cutting Speed(m/min) | | | 刃径 Tool Diameter(mm) | | | | | | | |
|----------------------------|---|------------------------------|-----------|---------------|-------------------------|----|-------|-------|-------|-------|-------|-------|
| | | a_p | 最小 Min | 较好 Optimum | 最大 Max | mm | 6 | 8 | 10 | 12 | 16 | 20 |
| P | PA | 1×D | 60 | 80 | 95 | fz | 0.045 | 0.055 | 0.065 | 0.075 | 0.11 | 0.14 |
| | PB | 1×D | 60 | 80 | 95 | fz | 0.045 | 0.055 | 0.065 | 0.075 | 0.11 | 0.14 |
| | PC | 0.8×D | 55 | 75 | 90 | fz | 0.04 | 0.045 | 0.055 | 0.065 | 0.09 | 0.11 |
| | PD | 0.8×D | 55 | 70 | 85 | fz | 0.04 | 0.045 | 0.055 | 0.065 | 0.09 | 0.11 |
| | PE | 0.5×D | 50 | 60 | 70 | fz | 0.03 | 0.04 | 0.05 | 0.06 | 0.07 | 0.08 |
| | PF | 0.3×D | 35 | 50 | 60 | fz | 0.025 | 0.035 | 0.045 | 0.055 | 0.06 | 0.07 |
| M | MA | 0.5×D | 40 | 55 | 65 | fz | 0.03 | 0.04 | 0.05 | 0.06 | 0.07 | 0.08 |
| | MB | 0.5×D | 40 | 55 | 65 | fz | 0.03 | 0.04 | 0.05 | 0.06 | 0.07 | 0.08 |
| | MC | 0.3×D | 35 | 50 | 60 | fz | 0.025 | 0.035 | 0.045 | 0.055 | 0.06 | 0.07 |
| K | KA | 1×D | 50 | 60 | 70 | fz | 0.04 | 0.045 | 0.055 | 0.065 | 0.09 | 0.11 |
| | KB | 1×D | 40 | 55 | 65 | fz | 0.032 | 0.042 | 0.052 | 0.06 | 0.07 | 0.08 |
| | KC | 0.8×D | 40 | 55 | 65 | fz | 0.03 | 0.04 | 0.05 | 0.055 | 0.065 | 0.075 |
| N | NA | 1×D | 150 | 180 | 220 | fz | 0.05 | 0.06 | 0.07 | 0.08 | 0.13 | 0.16 |
| | NB | 1×D | 150 | 180 | 220 | fz | 0.05 | 0.06 | 0.07 | 0.08 | 0.13 | 0.16 |
| | NC | 1×D | 130 | 160 | 190 | fz | 0.045 | 0.055 | 0.065 | 0.075 | 0.11 | 0.14 |

上表最适合加工钢件、铸铁，也可用于其他通用加工，以上其他材料加工参数仅供参考。
This serie tools are most suitable for steels and cast iron, and also versatile for other materials listed above.

1. 请使用刚性较高的机床，建议采用液压刀柄、侧压刀柄、热胀刀柄、带弹簧夹头等强力铣削刀柄。
Make sure work piece and machine are stable, use hydraulic chucks, high quality collet chucks, or shrink fit chucks.
2. 请根据切削速度、设备刚性等情况可适当调整转速和进给速度。
Please adjust the speed, feed and cutting depth according to actual cutting conditons.
3. 上表是按照刀具悬长为直径4倍以下时所制订的，如果刀具悬长过长，加工时易产生振动，此时，请适当调整转速，进给速度和切深量。
The milling cinditions are for an end mill where the tool overhang length is less than 3XD(mill dia). When the tool overhang length is longer, please adjust the speed, feed and cutting depth.

推荐切削参数 Recommended Cutting Parameters

钢件、铸铁 For Steel, Cast Iron (微小径深槽加工 Miniature)——侧铣 Side Milling

| 工件材料 Workpiece Material |  | 切削速度 Cutting Speed(m/min) | | 刃径 Tool Diameter(mm) | | | | | | | | | |
|----------------------------|---|------------------------------|----------|--------------------------------|-----|-------|-------|-------|-------|-------|-------|-------|-------|
| | | a_p | a_e | mm | 0.8 | 0.9 | 1 | 1.2 | 1.4 | 1.6 | 1.8 | 2 | |
| P | PA | 0.5 × D | 0.2 × D | 机床最高转速 Max.Speed Of Machine | fz | 0.016 | 0.018 | 0.02 | 0.023 | 0.027 | 0.03 | 0.035 | 0.04 |
| | PB | 0.5 × D | 0.2 × D | 机床最高转速 Max.Speed Of Machine | fz | 0.016 | 0.018 | 0.02 | 0.023 | 0.027 | 0.03 | 0.035 | 0.04 |
| | PC | 0.5 × D | 0.2 × D | 机床最高转速 Max.Speed Of Machine | fz | 0.015 | 0.017 | 0.019 | 0.022 | 0.025 | 0.028 | 0.033 | 0.038 |
| | PD | 0.5 × D | 0.2 × D | 机床最高转速 Max.Speed Of Machine | fz | 0.015 | 0.017 | 0.019 | 0.022 | 0.025 | 0.028 | 0.033 | 0.038 |
| | PE | 0.5 × D | 0.12 × D | 机床最高转速 Max.Speed Of Machine | fz | 0.015 | 0.017 | 0.018 | 0.022 | 0.025 | 0.028 | 0.033 | 0.038 |
| | PF | 0.5 × D | 0.12 × D | 机床最高转速 Max.Speed Of Machine | fz | 0.009 | 0.01 | 0.012 | 0.014 | 0.016 | 0.018 | 0.02 | 0.022 |
| M | MA | 0.5 × D | 0.2 × D | 机床最高转速 Max.Speed Of Machine | fz | 0.016 | 0.018 | 0.02 | 0.023 | 0.027 | 0.03 | 0.035 | 0.04 |
| | MB | 0.5 × D | 0.2 × D | 机床最高转速 Max.Speed Of Machine | fz | 0.016 | 0.018 | 0.02 | 0.023 | 0.027 | 0.03 | 0.035 | 0.04 |
| | MC | 0.5 × D | 0.12 × D | 机床最高转速 Max.Speed Of Machine | fz | 0.015 | 0.017 | 0.019 | 0.022 | 0.025 | 0.028 | 0.033 | 0.038 |
| K | KA | 0.5 × D | 0.2 × D | 机床最高转速 Max.Speed Of Machine | fz | 0.016 | 0.018 | 0.02 | 0.023 | 0.027 | 0.03 | 0.035 | 0.04 |
| | KB | 0.5 × D | 0.2 × D | 机床最高转速 Max.Speed Of Machine | fz | 0.016 | 0.018 | 0.02 | 0.023 | 0.027 | 0.03 | 0.035 | 0.04 |
| | KC | 0.5 × D | 0.12 × D | 机床最高转速 Max.Speed Of Machine | fz | 0.013 | 0.015 | 0.016 | 0.018 | 0.022 | 0.027 | 0.032 | 0.037 |

钢件、铸铁 For Steel, Cast Iron (微小径深槽加工 Miniature)——槽铣 Side Milling


| 工件材料 Workpiece Material |  | 切削速度 Cutting Speed(m/min) | | 刃径 Tool Diameter(mm) | | | | | | | | | |
|----------------------------|---|------------------------------|--|--------------------------------|-----|-------|-------|-------|-------|-------|-------|-------|-------|
| | | a_p | | mm | 0.8 | 0.9 | 1 | 1.2 | 1.4 | 1.6 | 1.8 | 2 | |
| P | PA | 0.3 × D | | 机床最高转速 Max.Speed Of Machine | fz | 0.01 | 0.011 | 0.012 | 0.014 | 0.017 | 0.02 | 0.023 | 0.025 |
| | PB | 0.3 × D | | 机床最高转速 Max.Speed Of Machine | fz | 0.01 | 0.011 | 0.012 | 0.014 | 0.017 | 0.02 | 0.023 | 0.025 |
| | PC | 0.2 × D | | 机床最高转速 Max.Speed Of Machine | fz | 0.009 | 0.01 | 0.011 | 0.013 | 0.016 | 0.019 | 0.022 | 0.024 |
| | PD | 0.2 × D | | 机床最高转速 Max.Speed Of Machine | fz | 0.009 | 0.01 | 0.011 | 0.013 | 0.016 | 0.019 | 0.022 | 0.024 |
| | PE | 0.1 × D | | 机床最高转速 Max.Speed Of Machine | fz | 0.008 | 0.009 | 0.01 | 0.012 | 0.015 | 0.018 | 0.021 | 0.023 |
| | PF | 0.1 × D | | 机床最高转速 Max.Speed Of Machine | fz | 0.008 | 0.009 | 0.01 | 0.012 | 0.015 | 0.018 | 0.021 | 0.023 |
| M | MA | 0.2 × D | | 机床最高转速 Max.Speed Of Machine | fz | 0.009 | 0.01 | 0.011 | 0.013 | 0.016 | 0.019 | 0.022 | 0.024 |
| | MB | 0.2 × D | | 机床最高转速 Max.Speed Of Machine | fz | 0.009 | 0.01 | 0.011 | 0.013 | 0.016 | 0.019 | 0.022 | 0.024 |
| | MC | 0.1 × D | | 机床最高转速 Max.Speed Of Machine | fz | 0.008 | 0.009 | 0.01 | 0.012 | 0.015 | 0.018 | 0.021 | 0.023 |
| K | KA | 0.3 × D | | 机床最高转速 Max.Speed Of Machine | fz | 0.01 | 0.011 | 0.012 | 0.014 | 0.017 | 0.02 | 0.023 | 0.025 |
| | KB | 0.3 × D | | 机床最高转速 Max.Speed Of Machine | fz | 0.01 | 0.011 | 0.012 | 0.014 | 0.017 | 0.02 | 0.023 | 0.025 |
| | KC | 0.2 × D | | 机床最高转速 Max.Speed Of Machine | fz | 0.009 | 0.01 | 0.011 | 0.013 | 0.016 | 0.019 | 0.022 | 0.024 |

上表最适合加工钢件、铸铁，也可用于其他通用加工，以上其他材料加工参数仅供参考。

This series tools are most suitable for steels and cast iron, and also versatile for other materials listed above.

推荐切削参数 Recommended Cutting Parameters

钢件、铸铁 For Steel, Cast Iron (微小径深槽加工 Miniature)——仿形铣 Profiling


| 工件材料 Workpiece Material | |  | | 切削速度 Cutting Speed(m/min) | 刃径 Tool Diameter(mm) | | | | | | | | |
|----------------------------|----|---|----------|--------------------------------|-------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| | | | | | mm | 0.2 | 0.4 | 0.6 | 0.8 | 1 | 1.2 | 1.6 | 2 |
| P | PA | 0.02 × D | 0.02 × D | 机床最高转速 Max.Speed Of Machine | fz | 0.006 | 0.011 | 0.017 | 0.023 | 0.028 | 0.035 | 0.045 | 0.055 |
| | PB | 0.02 × D | 0.02 × D | 机床最高转速 Max.Speed Of Machine | fz | 0.006 | 0.011 | 0.017 | 0.023 | 0.028 | 0.035 | 0.045 | 0.055 |
| | PC | 0.02 × D | 0.02 × D | 机床最高转速 Max.Speed Of Machine | fz | 0.005 | 0.01 | 0.016 | 0.021 | 0.026 | 0.032 | 0.042 | 0.052 |
| | PD | 0.02 × D | 0.02 × D | 机床最高转速 Max.Speed Of Machine | fz | 0.005 | 0.01 | 0.016 | 0.021 | 0.026 | 0.032 | 0.042 | 0.052 |
| | PE | 0.01 × D | 0.01 × D | 机床最高转速 Max.Speed Of Machine | fz | 0.005 | 0.01 | 0.016 | 0.021 | 0.026 | 0.032 | 0.042 | 0.052 |
| | PF | 0.01 × D | 0.01 × D | 机床最高转速 Max.Speed Of Machine | fz | 0.004 | 0.009 | 0.017 | 0.019 | 0.023 | 0.028 | 0.04 | 0.048 |
| M | MA | 0.02 × D | 0.02 × D | 机床最高转速 Max.Speed Of Machine | fz | 0.006 | 0.011 | 0.017 | 0.023 | 0.028 | 0.035 | 0.045 | 0.055 |
| | MB | 0.02 × D | 0.02 × D | 机床最高转速 Max.Speed Of Machine | fz | 0.006 | 0.011 | 0.017 | 0.023 | 0.028 | 0.035 | 0.045 | 0.055 |
| | MC | 0.01 × D | 0.01 × D | 机床最高转速 Max.Speed Of Machine | fz | 0.005 | 0.01 | 0.016 | 0.021 | 0.026 | 0.032 | 0.042 | 0.052 |
| K | KA | 0.02 × D | 0.02 × D | 机床最高转速 Max.Speed Of Machine | fz | 0.006 | 0.011 | 0.017 | 0.023 | 0.028 | 0.035 | 0.045 | 0.055 |
| | KB | 0.02 × D | 0.02 × D | 机床最高转速 Max.Speed Of Machine | fz | 0.006 | 0.011 | 0.017 | 0.023 | 0.028 | 0.035 | 0.045 | 0.055 |
| | KC | 0.02 × D | 0.02 × D | 机床最高转速 Max.Speed Of Machine | fz | 0.005 | 0.01 | 0.016 | 0.021 | 0.026 | 0.032 | 0.042 | 0.052 |

上表最适合加工钢件、铸铁，也可用于其他通用加工，以上其他材料加工参数仅供参考。
This serie tools are most suitable for steels and cast iron, and also versatile for other materials listed above.


1. 铣刀装夹时，刃部的径向跳动控制在0.001mm以下
Maximum T.I.R. in when tool is chucked is 0.01mm(0.01mm maximum recommended).
2. 请使用刚性较高的机床，建议采用液压刀柄、侧压刀柄、热胀刀柄、带弹簧夹头等强力铣削刀柄。
Make sure work piece and machine are stable, use hydraulic chucks, high quality collet chucks, or shrink fit chucks.
3. 请根据切削速度、设备刚性等情况可适当调整转速和进给速度。
Please adjust the speed, feed and cutting depth according to actual cutting conditons.
4. 上表是按照刀具悬长为直径4倍以下时所制订的，如果刀具悬长过长，加工时易产生振动，此时，请适当调整转速，进给速度和切深量。
The milling cinditions are for an end mill where the tool overhang length is less than 3XD(mill dia). When the tool overhang length is longer, please adjust the speed, feed and cutting depth.

推荐切削参数 Recommended Cutting Parameters

不锈钢 Stainless Steels——侧铣 Side Milling

| 工件材料 Workpiece Material |  | 切削速度 Cutting Speed(m/min) | | | 刃径 Tool Diameter(mm) | | | | | | | | | | | |
|----------------------------|---|------------------------------|--------|-----------|-------------------------|-----------|----|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| | | a_p | a_e | 最小 Min | 较好 Optimum | 最大 Max | mm | 1 | 2 | 4 | 6 | 8 | 10 | 12 | 16 | 20 |
| P | PA | 1×D | 0.1×D | 120 | 150 | 180 | fz | 0.009 | 0.011 | 0.018 | 0.042 | 0.059 | 0.071 | 0.08 | 0.105 | 0.113 |
| | PB | 1×D | 0.1×D | 120 | 150 | 180 | fz | 0.009 | 0.011 | 0.018 | 0.042 | 0.059 | 0.071 | 0.08 | 0.105 | 0.113 |
| | PC | 1×D | 0.1×D | 100 | 130 | 160 | fz | 0.007 | 0.008 | 0.013 | 0.038 | 0.057 | 0.066 | 0.076 | 0.085 | 0.095 |
| | PD | 1×D | 0.1×D | 100 | 130 | 160 | fz | 0.007 | 0.008 | 0.013 | 0.038 | 0.057 | 0.066 | 0.076 | 0.085 | 0.095 |
| | PE | 1×D | 0.1×D | 90 | 110 | 140 | fz | 0.006 | 0.006 | 0.01 | 0.036 | 0.055 | 0.062 | 0.067 | 0.072 | 0.082 |
| | PF | 1×D | 0.1×D | 80 | 100 | 120 | fz | 0.006 | 0.006 | 0.01 | 0.036 | 0.055 | 0.062 | 0.067 | 0.072 | 0.082 |
| M | MA | 1×D | 0.1×D | 100 | 120 | 150 | fz | 0.007 | 0.011 | 0.018 | 0.042 | 0.059 | 0.071 | 0.08 | 0.105 | 0.113 |
| | MB | 1×D | 0.1×D | 90 | 110 | 130 | fz | 0.007 | 0.008 | 0.013 | 0.038 | 0.057 | 0.066 | 0.076 | 0.085 | 0.095 |
| | MC | 1×D | 0.1×D | 80 | 100 | 110 | fz | 0.006 | 0.006 | 0.01 | 0.032 | 0.046 | 0.052 | 0.057 | 0.062 | 0.072 |
| K | KA | 1×D | 0.1×D | 120 | 150 | 180 | fz | 0.009 | 0.01 | 0.018 | 0.045 | 0.056 | 0.066 | 0.076 | 0.09 | 0.105 |
| | KB | 1×D | 0.1×D | 100 | 130 | 160 | fz | 0.007 | 0.008 | 0.013 | 0.042 | 0.052 | 0.062 | 0.072 | 0.085 | 0.095 |
| S | SA | 1×D | 0.05×D | 25 | 35 | 45 | fz | 0.02 | 0.007 | 0.01 | 0.022 | 0.03 | 0.034 | 0.04 | 0.05 | 0.06 |
| | SB | 1×D | 0.05×D | 25 | 35 | 45 | fz | 0.025 | 0.007 | 0.01 | 0.022 | 0.03 | 0.034 | 0.04 | 0.05 | 0.06 |
| | SC | 1×D | 0.05×D | 25 | 35 | 45 | fz | 0.025 | 0.007 | 0.01 | 0.022 | 0.03 | 0.034 | 0.04 | 0.05 | 0.06 |
| | SD | 1×D | 0.08×D | 50 | 60 | 80 | fz | 0.018 | 0.01 | 0.15 | 0.032 | 0.045 | 0.052 | 0.058 | 0.07 | 0.08 |


不锈钢 Stainless Steels——槽铣 Slotting

| 工件材料 Workpiece Material |  | 切削速度 Cutting Speed(m/min) | | | 刃径 Tool Diameter(mm) | | | | | | | | | | |
|----------------------------|---|------------------------------|-----------|---------------|-------------------------|----|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| | | a_p | 最小 Min | 较好 Optimum | 最大 Max | mm | 1 | 2 | 4 | 6 | 8 | 10 | 12 | 16 | 20 |
| P | PA | 0.8×D | 50 | 70 | 85 | fz | 0.01 | 0.02 | 0.04 | 0.05 | 0.06 | 0.07 | 0.08 | 0.12 | 0.15 |
| | PB | 0.8×D | 50 | 70 | 85 | fz | 0.01 | 0.02 | 0.04 | 0.05 | 0.06 | 0.07 | 0.08 | 0.12 | 0.15 |
| | PC | 0.7×D | 50 | 65 | 80 | fz | 0.008 | 0.015 | 0.035 | 0.045 | 0.05 | 0.06 | 0.07 | 0.1 | 0.12 |
| | PD | 0.7×D | 50 | 65 | 80 | fz | 0.008 | 0.015 | 0.035 | 0.045 | 0.05 | 0.06 | 0.07 | 0.1 | 0.12 |
| | PE | 0.5×D | 45 | 55 | 65 | fz | 0.006 | 0.012 | 0.03 | 0.04 | 0.045 | 0.055 | 0.065 | 0.09 | 0.1 |
| | PF | 0.3×D | 40 | 50 | 60 | fz | 0.006 | 0.009 | 0.015 | 0.03 | 0.04 | 0.05 | 0.06 | 0.07 | 0.08 |
| M | MA | 0.3×D | 40 | 50 | 60 | fz | 0.009 | 0.012 | 0.02 | 0.036 | 0.047 | 0.058 | 0.068 | 0.08 | 0.09 |
| | MB | 0.3×D | 40 | 50 | 60 | fz | 0.007 | 0.01 | 0.017 | 0.033 | 0.044 | 0.054 | 0.064 | 0.075 | 0.085 |
| | MC | 0.3×D | 35 | 45 | 55 | fz | 0.006 | 0.009 | 0.015 | 0.03 | 0.04 | 0.05 | 0.06 | 0.07 | 0.08 |
| K | KA | 0.7×D | 50 | 60 | 70 | fz | 0.008 | 0.015 | 0.035 | 0.045 | 0.05 | 0.06 | 0.07 | 0.1 | 0.12 |
| | KB | 0.7×D | 40 | 55 | 65 | fz | 0.009 | 0.012 | 0.02 | 0.036 | 0.047 | 0.058 | 0.068 | 0.08 | 0.09 |
| S | SA | 0.25×D | 20 | 30 | 40 | fz | 0.005 | 0.01 | 0.015 | 0.022 | 0.025 | 0.03 | 0.035 | 0.045 | 0.055 |
| | SB | 0.25×D | 20 | 30 | 40 | fz | 0.005 | 0.01 | 0.015 | 0.022 | 0.025 | 0.03 | 0.035 | 0.045 | 0.055 |
| | SC | 0.25×D | 20 | 30 | 40 | fz | 0.005 | 0.01 | 0.015 | 0.022 | 0.025 | 0.03 | 0.035 | 0.045 | 0.055 |
| | SD | 0.3×D | 30 | 50 | 70 | fz | 0.008 | 0.013 | 0.018 | 0.025 | 0.03 | 0.035 | 0.04 | 0.05 | 0.06 |

上表最适合加工钢件、铸铁，也可用于其他通用加工，以上其他材料加工参数仅供参考。
This series tools are most suitable for steels and cast iron, and also versatile for other materials listed above.

推荐切削参数 Recommended Cutting Parameters

不锈钢 Stainless Steels——仿形铣 Profiling


| 工件材料 Workpiece Material |  | 切削速度 Cutting Speed(m/min) | | | | | 刃径 Tool Diameter(mm) | | | | | | | | | |
|----------------------------|---|------------------------------|--------|-----------|---------------|-----------|-------------------------|-------|-------|-------|-------|-------|-------|-------|------|------|
| | | a_p | a_e | 最小 Min | 较好 Optimum | 最大 Max | mm | 1 | 2 | 4 | 6 | 8 | 10 | 12 | 16 | 20 |
| P | PA | 0.2×D | 0.3×D | 120 | 160 | 200 | fz | 0.007 | 0.015 | 0.032 | 0.052 | 0.07 | 0.085 | 0.105 | 0.13 | 0.16 |
| | PB | 0.2×D | 0.3×D | 120 | 160 | 200 | fz | 0.007 | 0.015 | 0.032 | 0.052 | 0.07 | 0.085 | 0.105 | 0.13 | 0.16 |
| | PC | 0.2×D | 0.3×D | 110 | 140 | 170 | fz | 0.006 | 0.013 | 0.03 | 0.05 | 0.068 | 0.082 | 0.1 | 0.12 | 0.15 |
| | PD | 0.2×D | 0.3×D | 110 | 140 | 170 | fz | 0.006 | 0.013 | 0.03 | 0.05 | 0.068 | 0.082 | 0.1 | 0.12 | 0.15 |
| | PE | 0.15×D | 0.15×D | 100 | 120 | 150 | fz | 0.005 | 0.012 | 0.028 | 0.047 | 0.065 | 0.078 | 0.095 | 0.11 | 0.14 |
| | PF | 0.15×D | 0.15×D | 100 | 120 | 150 | fz | 0.005 | 0.011 | 0.026 | 0.045 | 0.063 | 0.075 | 0.09 | 0.1 | 0.13 |
| M | MA | 0.2×D | 0.2×D | 80 | 110 | 130 | fz | 0.007 | 0.015 | 0.032 | 0.052 | 0.07 | 0.085 | 0.105 | 0.13 | 0.16 |
| | MB | 0.2×D | 0.2×D | 80 | 110 | 130 | fz | 0.007 | 0.015 | 0.032 | 0.052 | 0.07 | 0.085 | 0.105 | 0.13 | 0.16 |
| | MC | 0.1×D | 0.1×D | 70 | 85 | 100 | fz | 0.006 | 0.013 | 0.03 | 0.05 | 0.06 | 0.076 | 0.09 | 0.12 | 0.15 |
| K | KA | 0.2×D | 0.2×D | 110 | 140 | 170 | fz | 0.009 | 0.018 | 0.038 | 0.058 | 0.076 | 0.095 | 0.115 | 0.15 | 0.18 |
| | KB | 0.2×D | 0.2×D | 110 | 140 | 170 | fz | 0.007 | 0.015 | 0.032 | 0.052 | 0.07 | 0.085 | 0.105 | 0.13 | 0.16 |
| S | SA | 0.15×D | 0.15×D | 30 | 40 | 50 | fz | 0.006 | 0.013 | 0.03 | 0.05 | 0.068 | 0.082 | 0.1 | 0.12 | 0.15 |
| | SB | 0.15×D | 0.15×D | 30 | 40 | 50 | fz | 0.006 | 0.013 | 0.03 | 0.05 | 0.068 | 0.082 | 0.1 | 0.12 | 0.15 |
| | SC | 0.15×D | 0.15×D | 30 | 40 | 50 | fz | 0.006 | 0.013 | 0.03 | 0.05 | 0.068 | 0.082 | 0.1 | 0.12 | 0.15 |
| | SD | 0.3×D | 0.3×D | 60 | 70 | 80 | fz | 0.01 | 0.02 | 0.04 | 0.06 | 0.08 | 0.1 | 0.12 | 0.16 | 0.2 |

上表最适合加工钢件、铸铁，也可用于其他通用加工，以上其他材料加工参数仅供参考。
This serie tools are most suitable for steels and cast iron, and also versatile for other materials listed above.


1. 请使用刚性较高的机床，建议采用液压刀柄、侧压刀柄、热胀刀柄、带弹簧夹头等强力铣削刀柄。
Make sure work piece and machine are stable, use hydraulic chucks, high quality collet chucks, or shrink fit chucks.
2. 请根据切削速度、设备刚性等情况可适当调整转速和进给速度。
Please adjust the speed, feed and cutting depth according to actual cutting conditons.
3. 上表是按照刀具悬长为直径4倍以下时所制订的，如果刀具悬长过长，加工时易产生振动，此时，请适当调整转速，进给速度和切深量。
The milling cinditions are for an end mill where the tool overhang length is less than 3XD(mill dia). When the tool overhang length is longer, please adjust the speed, feed and cutting depth.

推荐切削参数 Recommended Cutting Parameters


铝合金 Aluminium Alloy——侧铣 Side Milling

| 工件材料 Workpiece Material |  | 切削速度 Cutting Speed(m/min) | | | 刃径 Tool Diameter(mm) | | | | | | | | | | | |
|----------------------------|---|------------------------------|-----------------|-----------|-------------------------|-----------|----|-------|-------|-------|-------|-------|------|------|------|------|
| | | a_p | a_e | 最小 Min | 较好 Optimum | 最大 Max | mm | 1 | 2 | 4 | 6 | 8 | 10 | 12 | 16 | 20 |
| N | NA | $0.15 \times D$ | $0.2 \times D$ | 300 | 500 | 700 | fz | 0.02 | 0.03 | 0.055 | 0.065 | 0.075 | 0.1 | 0.14 | 0.2 | 0.25 |
| | NB | $0.15 \times D$ | $0.2 \times D$ | 300 | 500 | 700 | fz | 0.02 | 0.03 | 0.055 | 0.065 | 0.075 | 0.1 | 0.14 | 0.2 | 0.25 |
| | NC | $0.15 \times D$ | $0.15 \times D$ | 200 | 350 | 550 | fz | 0.015 | 0.025 | 0.045 | 0.055 | 0.065 | 0.08 | 0.12 | 0.16 | 0.2 |
| | ND | $0.3 \times D$ | $0.2 \times D$ | 280 | 450 | 650 | fz | 0.018 | 0.028 | 0.05 | 0.06 | 0.07 | 0.09 | 0.13 | 0.18 | 0.22 |

铝合金 Aluminium Alloy——槽铣 Slotting

| 工件材料 Workpiece Material |  | 切削速度 Cutting Speed(m/min) | | | 刃径 Tool Diameter(mm) | | | | | | | | | | | |
|----------------------------|---|------------------------------|-----------|---------------|-------------------------|----|-------|-------|-------|-------|-------|-------|-------|------|------|--|
| | | a_p | 最小 Min | 较好 Optimum | 最大 Max | mm | 1 | 2 | 4 | 6 | 8 | 10 | 12 | 16 | 20 | |
| N | NA | $0.8 \times D$ | 180 | 250 | 300 | fz | 0.015 | 0.025 | 0.045 | 0.058 | 0.07 | 0.08 | 0.095 | 0.16 | 0.19 | |
| | NB | $0.8 \times D$ | 180 | 250 | 300 | fz | 0.015 | 0.025 | 0.045 | 0.058 | 0.07 | 0.08 | 0.095 | 0.16 | 0.19 | |
| | NC | $0.5 \times D$ | 150 | 200 | 250 | fz | 0.01 | 0.018 | 0.035 | 0.045 | 0.055 | 0.065 | 0.078 | 0.13 | 0.16 | |
| | ND | $0.8 \times D$ | 160 | 220 | 280 | fz | 0.012 | 0.02 | 0.04 | 0.05 | 0.06 | 0.07 | 0.084 | 0.14 | 0.17 | |

铝合金 Aluminium Alloy——仿形铣 Side Milling

| 工件材料 Workpiece Material |  | 切削速度 Cutting Speed(m/min) | | | 刃径 Tool Diameter(mm) | | | | | | | | | | |
|----------------------------|---|------------------------------|----------------|-----------|-------------------------|-----------|----|-------|-------|------|------|------|------|------|------|
| | | a_p | a_e | 最小 Min | 较好 Optimum | 最大 Max | mm | 1 | 2 | 4 | 6 | 8 | 10 | 12 | 16 |
| N | NA | $0.3 \times D$ | $0.3 \times D$ | 320 | 450 | 600 | fz | 0.025 | 0.05 | 0.08 | 0.12 | 0.16 | 0.2 | 0.24 | 0.32 |
| | NB | $0.3 \times D$ | $0.3 \times D$ | 320 | 450 | 600 | fz | 0.025 | 0.05 | 0.08 | 0.12 | 0.16 | 0.2 | 0.24 | 0.32 |
| | NC | $0.3 \times D$ | $0.3 \times D$ | 250 | 320 | 400 | fz | 0.02 | 0.04 | 0.06 | 0.1 | 0.14 | 0.18 | 0.22 | 0.25 |
| | ND | $0.3 \times D$ | $0.3 \times D$ | 300 | 400 | 500 | fz | 0.022 | 0.045 | 0.07 | 0.11 | 0.15 | 0.19 | 0.23 | 0.28 |

1. 请使用刚性较高的机床，建议采用液压刀柄、侧压刀柄、热胀刀柄、带弹簧夹头等强力铣削刀柄。

Make sure work piece and machine are stable, use hydraulic chucks, high quality collet chucks, or shrink fit chucks.

2. 请根据切削速度、设备刚性等情况可适当调整转速和进给速度。

Please adjust the speed, feed and cutting depth according to actual cutting conditions.

3. 上表是按照刀具悬长为直径4倍以下时所制订的，如果刀具悬长过长，加工时易产生振动，此时，请适当调整转速，进给速度和切深量。


The milling conditions are for an end mill where the tool overhang length is less than 3XD (mill dia). When the tool overhang length is longer, please adjust the speed, feed and cutting depth.

推荐切削参数 Recommended Cutting Parameters

石墨 Graphite——侧铣 Side Milling

| 工件材料 Workpiece Material | |  | | 切削速度 Cutting Speed(m/min) | | | 刃径 Tool Diameter(mm) | | | | | | | |
|----------------------------|----|---|-----------------|------------------------------|---------------|-----------|-------------------------|------|------|------|------|------|-------|------|
| | | | | 最小 Min | 较好 Optimum | 最大 Max | mm | 1 | 2 | 4 | 6 | 8 | 10 | 12 |
| N | NC | $1 \times D$ | $0.15 \times D$ | 150 | 200 | 300 | fz | 0.02 | 0.03 | 0.05 | 0.06 | 0.07 | 0.085 | 0.13 |
| | ND | $1.5 \times D$ | $0.5 \times D$ | 150 | 250 | 400 | fz | 0.03 | 0.05 | 0.07 | 0.06 | 0.11 | 0.15 | 0.18 |

石墨 Graphite——槽铣 Slotting

| 工件材料 Workpiece Material | |  | | 切削速度 Cutting Speed(m/min) | | | 刃径 Tool Diameter(mm) | | | | | | | |
|----------------------------|----|--|--|------------------------------|---------------|-----------|-------------------------|-------|------|-------|-------|-------|------|------|
| | | | | 最小 Min | 较好 Optimum | 最大 Max | mm | 1 | 2 | 4 | 6 | 8 | 10 | 12 |
| N | NC | $0.5 \times D$ | | 120 | 180 | 250 | fz | 0.012 | 0.02 | 0.04 | 0.05 | 0.06 | 0.07 | 0.09 |
| | ND | $0.5 \times D$ | | 120 | 200 | 300 | fz | 0.018 | 0.03 | 0.045 | 0.065 | 0.085 | 0.11 | 0.15 |

石墨 Graphite——仿形铣 Side Milling

| 工件材料 Workpiece Material | |  | | 切削速度 Cutting Speed(m/min) | | | 刃径 Tool Diameter(mm) | | | | | | | |
|----------------------------|----|---|----------------|------------------------------|---------------|-----------|-------------------------|-------|-------|-------|------|------|------|------|
| | | | | 最小 Min | 较好 Optimum | 最大 Max | mm | 1 | 2 | 4 | 6 | 8 | 10 | 12 |
| N | NC | $0.3 \times D$ | $0.3 \times D$ | 150 | 200 | 300 | fz | 0.008 | 0.018 | 0.045 | 0.06 | 0.08 | 0.11 | 0.13 |
| | ND | $0.5 \times D$ | $0.4 \times D$ | 150 | 250 | 400 | fz | 0.01 | 0.02 | 0.05 | 0.07 | 0.09 | 0.12 | 0.15 |

1. 请使用刚性较高的机床，建议采用液压刀柄、侧压刀柄、热胀刀柄、带弹簧夹头等强力铣削刀柄。

Make sure work piece and machine are stable, use hydraulic chucks, high quality collet chucks, or shrink fit chucks.

2. 请根据切削速度、设备刚性等情况可适当调整转速和进给速度。

Please adjust the speed, feed and cutting depth according to actual cutting conditions.

3. 上表是按照刀具悬长为直径4倍以下时所制订的，如果刀具悬长过长，加工时易产生振动，此时，请适当调整转速，进给速度和切深量。

The milling conditions are for an end mill where the tool overhang length is less than 3XD (mill dia). When the tool overhang length is longer, please adjust the speed, feed and cutting depth.

非标刀具



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声明

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安全事宜

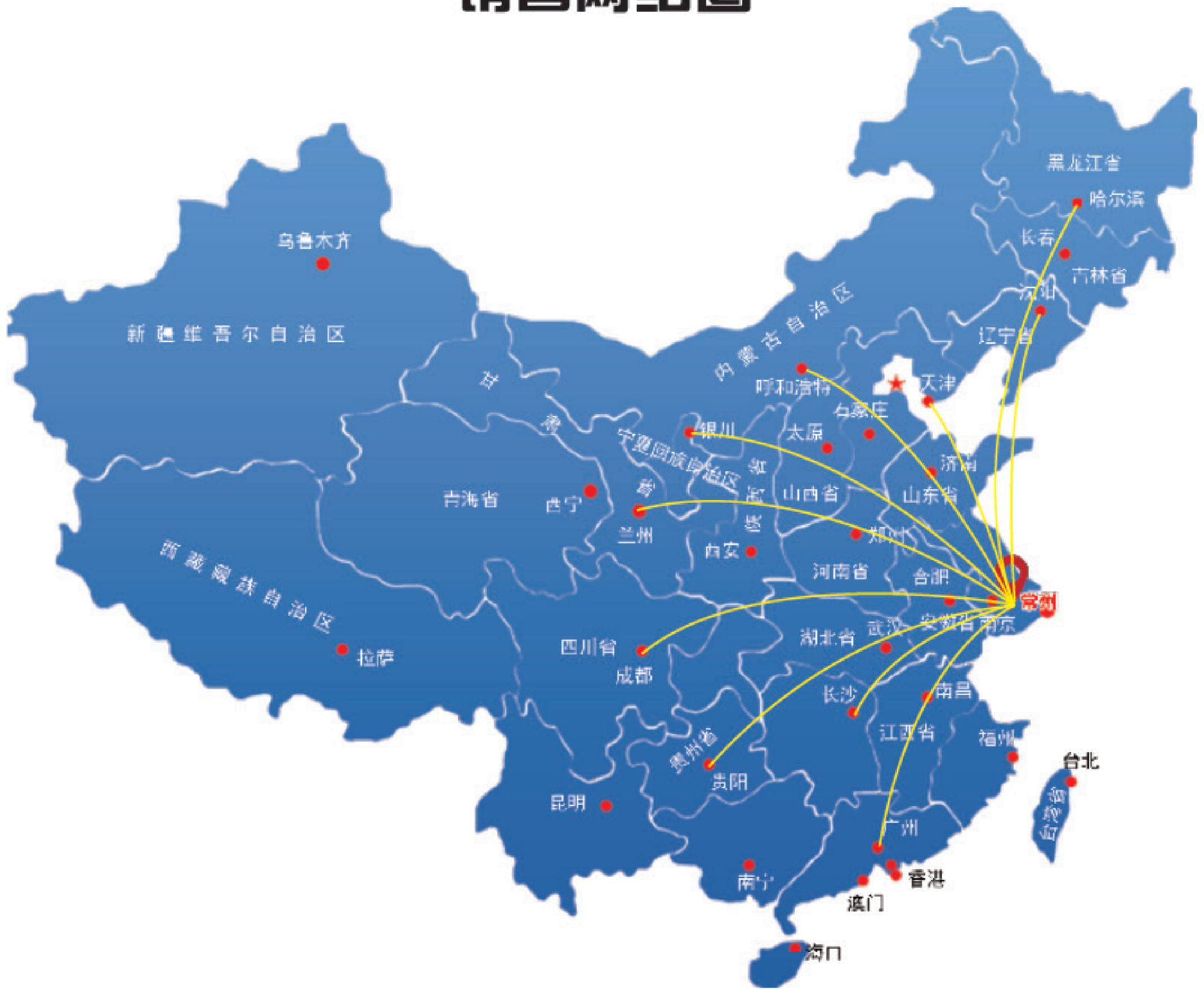
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- ◆ 加工过程中也有可能产生切削飞溅，且经常使用冷却液，所以请在加工过程中采取必要的安全措施，比如使用通风设备，配备设备防护罩，并戴防护眼镜，穿工作服。经过刃磨的刀具，刀刃锋利，装夹时请注意保护手。

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公司已通过GB/T19001ISO9001质量体系合格证。
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