

MSB 微小徑圓頭立銑刀

Ball Nose End Mills

Micro Diameter



| 型號 Type No. | D1 直徑 Diameter | L1 刃長 Flute Length | L3 全長 O.A.L. | D2 柄徑 Shank Dia. |
|----------------|-------------------|-----------------------|-----------------|---------------------|
| MSB0032 | R 0.15 | 0.6 | 50 | 3 |
| MSB0042 | R 0.2 | 0.8 | 50 | 3 |
| MSB0052 | R 0.25 | 1.0 | 50 | 3 |
| MSB0062 | R 0.3 | 1.2 | 50 | 3 |
| MSB0072 | R 0.35 | 1.4 | 50 | 3 |
| MSB0082 | R 0.4 | 1.6 | 50 | 3 |
| MSB0102 | R 0.5 | 2.0 | 50 | 3 |
| MSB0122 | R 0.6 | 2.4 | 50 | 3 |
| MSB0142 | R 0.7 | 2.8 | 50 | 3 |
| MSB0152 | R 0.75 | 3.0 | 50 | 3 |
| MSB0162 | R 0.8 | 3.2 | 50 | 3 |
| MSB0182 | R 0.9 | 3.6 | 50 | 3 |
| MSB0202 | R 1.0 | 4.0 | 50 | 3 |
| MSB0302 | R 1.5 | 6.0 | 50 | 3 |



MET 微小徑立銑刀

End Mills

Micro Diameter



| 型號 Type No. | D1 直徑 Diameter | L1 刃長 Flute Length | L3 全長 O.A.L. | D2 柄徑 Shank Dia. |
|----------------|-------------------|-----------------------|-----------------|---------------------|
| MET0022 | 0.2 | 0.4 | 50 | 3 |
| MET0032 | 0.3 | 0.6 | 50 | 3 |
| MET0042 | 0.4 | 0.8 | 50 | 3 |
| MET0052 | 0.5 | 1.0 | 50 | 3 |
| MET0062 | 0.6 | 1.2 | 50 | 3 |
| MET0082 | 0.8 | 1.6 | 50 | 3 |
| MET0102 | 1.0 | 2.5 | 50 | 3 |
| MET0122 | 1.2 | 3.0 | 50 | 3 |
| MET0142 | 1.4 | 3.0 | 50 | 3 |
| MET0152 | 1.5 | 4.0 | 50 | 3 |
| MET0162 | 1.6 | 4.0 | 50 | 3 |
| MET0182 | 1.8 | 5.0 | 50 | 3 |
| MET0202 | 2.0 | 6.0 | 50 | 3 |
| MET0252 | 2.5 | 8.0 | 50 | 3 |
| MET0302 | 3.0 | 8.0 | 50 | 3 |



MBTA 微小徑圓頭立銑刀

Ball Nose End Mills

Micro Diameter



| 型號 Type No. | D1 直徑 Diameter | L1 刃長 Flute Length | L3 全長 O.A.L. | D2 柄徑 Shank Dia. |
|----------------|-------------------|-----------------------|-----------------|---------------------|
| MBTA0032 | R 0.15 | 0.6 | 50 | 4 |
| MBTA0042 | R 0.2 | 0.8 | 50 | 4 |
| MBTA0052 | R 0.25 | 1.0 | 50 | 4 |
| MBTA0062 | R 0.3 | 1.2 | 50 | 4 |
| MBTA0072 | R 0.35 | 1.4 | 50 | 4 |
| MBTA0082 | R 0.4 | 1.6 | 50 | 4 |
| MBTA0102 | R 0.5 | 2.0 | 50 | 4 |
| MBTA0122 | R 0.6 | 2.4 | 50 | 4 |
| MBTA0142 | R 0.7 | 2.8 | 50 | 4 |
| MBTA0152 | R 0.75 | 3.0 | 50 | 4 |
| MBTA0162 | R 0.8 | 3.2 | 50 | 4 |
| MBTA0182 | R 0.9 | 3.6 | 50 | 4 |
| MBTA0202 | R 1.0 | 4.0 | 50 | 4 |
| MBTA0302 | R 1.5 | 6.0 | 50 | 4 |
| MBTA0402 | R 2.0 | 8.0 | 50 | 4 |



META 微小徑立銑刀

End Mills

Micro Diameter



| 型號 Type No. | D1 直徑 Diameter | L1 刃長 Flute Length | L3 全長 O.A.L. | D2 柄徑 Shank Dia. |
|----------------|-------------------|-----------------------|-----------------|---------------------|
| META0022 | 0.2 | 0.4 | 50 | 4 |
| META0032 | 0.3 | 0.6 | 50 | 4 |
| META0042 | 0.4 | 0.8 | 50 | 4 |
| META0052 | 0.5 | 1.0 | 50 | 4 |
| META0062 | 0.6 | 1.2 | 50 | 4 |
| META0072 | 0.7 | 1.4 | 50 | 4 |
| META0082 | 0.8 | 1.6 | 50 | 4 |
| META0092 | 0.9 | 1.8 | 50 | 4 |
| META0102 | 1.0 | 2.5 | 50 | 4 |
| META0122 | 1.2 | 3.0 | 50 | 4 |
| META0142 | 1.4 | 3.0 | 50 | 4 |
| META0152 | 1.5 | 4.0 | 50 | 4 |
| META0162 | 1.6 | 4.0 | 50 | 4 |
| META0182 | 1.8 | 5.0 | 50 | 4 |
| META0202 | 2.0 | 6.0 | 50 | 4 |
| META0252 | 2.5 | 8.0 | 50 | 4 |
| META0302 | 3.0 | 8.0 | 50 | 4 |



UNBX^{2T} 小尺寸 深溝用圓頭立銑刀

Ball Nose End Mills

Long Neck



| 型號 Type No. | D1 直徑 Diameter | D3 頸徑 Neck Dia. | L1 刃長 Flute Length | L2 有效長 Effective Length | L3 全長 O.A.L. | D2 柄徑 Shank Dia. |
|----------------|-------------------|--------------------|-----------------------|----------------------------|-----------------|---------------------|
| UNBX0201 | R 0.1 | 0.18 | 0.3 | 1 | 50 | 4 |
| UNBX0202 | R 0.1 | 0.18 | 0.3 | 2 | 50 | 4 |
| UNBX0301 | R 0.15 | 0.26 | 0.4 | 1 | 50 | 4 |
| UNBX0302 | R 0.15 | 0.26 | 0.4 | 2 | 50 | 4 |
| UNBX0303 | R 0.15 | 0.26 | 0.4 | 3 | 50 | 4 |
| UNBX0402 | R 0.2 | 0.36 | 0.6 | 2 | 50 | 4 |
| UNBX0403 | R 0.2 | 0.36 | 0.6 | 3 | 50 | 4 |
| UNBX0404 | R 0.2 | 0.36 | 0.6 | 4 | 50 | 4 |
| UNBX0502 | R 0.25 | 0.46 | 0.8 | 2 | 50 | 4 |
| UNBX0504 | R 0.25 | 0.46 | 0.8 | 4 | 50 | 4 |
| UNBX0506 | R 0.25 | 0.46 | 0.8 | 6 | 50 | 4 |
| UNBX0602 | R 0.3 | 0.56 | 0.9 | 2 | 50 | 4 |
| UNBX0604 | R 0.3 | 0.56 | 0.9 | 4 | 50 | 4 |
| UNBX0606 | R 0.3 | 0.56 | 0.9 | 6 | 50 | 4 |
| UNBX0804 | R 0.4 | 0.76 | 1.2 | 4 | 50 | 4 |
| UNBX0806 | R 0.4 | 0.76 | 1.2 | 6 | 50 | 4 |
| UNBX0808 | R 0.4 | 0.76 | 1.2 | 8 | 50 | 4 |
| UNBX1004 | R 0.5 | 0.95 | 1.5 | 4 | 50 | 4 |
| UNBX1006 | R 0.5 | 0.95 | 1.5 | 6 | 50 | 4 |
| UNBX1008 | R 0.5 | 0.95 | 1.5 | 8 | 50 | 4 |
| UNBX1010 | R 0.5 | 0.95 | 1.5 | 10 | 50 | 4 |
| UNBX1012 | R 0.5 | 0.95 | 1.5 | 12 | 50 | 4 |



UNBX^{2T} 大尺寸 深溝用圓頭立銑刀

Ball Nose End Mills

Long Neck



| 型號 Type No. | D1 直徑 Diameter | D3 頸徑 Neck Dia. | L1 刃長 Flute Length | L2 有效長 Effective Length | L3 全長 O.A.L. | D2 柄徑 Shank Dia. |
|----------------|-------------------|--------------------|-----------------------|----------------------------|-----------------|---------------------|
| UNBX1208 | R 0.6 | 1.15 | 2 | 8 | 50 | 4 |
| UNBX1212 | R 0.6 | 1.15 | 2 | 12 | 50 | 4 |
| UNBX1506 | R 0.75 | 1.45 | 2 | 6 | 50 | 4 |
| UNBX1508 | R 0.75 | 1.45 | 2 | 8 | 50 | 4 |
| UNBX1510 | R 0.75 | 1.45 | 2 | 10 | 50 | 4 |
| UNBX1512 | R 0.75 | 1.45 | 2 | 12 | 50 | 4 |
| UNBX1516 | R 0.75 | 1.45 | 2 | 16 | 50 | 4 |
| UNBX1520 | R 0.75 | 1.45 | 2 | 20 | 50 | 4 |
| UNBX1608 | R 0.8 | 1.54 | 2.5 | 8 | 50 | 4 |
| UNBX1612 | R 0.8 | 1.54 | 2.5 | 12 | 50 | 4 |
| UNBX1616 | R 0.8 | 1.54 | 2.5 | 16 | 50 | 4 |
| UNBX2008 | R 1.0 | 1.92 | 3 | 8 | 50 | 4 |
| UNBX2010 | R 1.0 | 1.92 | 3 | 10 | 50 | 4 |
| UNBX2012 | R 1.0 | 1.92 | 3 | 12 | 50 | 4 |
| UNBX2016 | R 1.0 | 1.92 | 3 | 16 | 50 | 4 |
| UNBX2020 | R 1.0 | 1.92 | 3 | 20 | 50 | 4 |
| UNBX3008 | R 1.5 | 2.90 | 4 | 8 | 50 | 6 |
| UNBX3010 | R 1.5 | 2.90 | 4 | 10 | 50 | 6 |
| UNBX3012 | R 1.5 | 2.90 | 4 | 12 | 50 | 6 |
| UNBX3016 | R 1.5 | 2.90 | 4 | 16 | 50 | 6 |
| UNBX3020 | R 1.5 | 2.90 | 4 | 20 | 60 | 6 |
| UNBX3025 | R 1.5 | 2.90 | 4 | 25 | 60 | 6 |
| UNBX4010 | R 2.0 | 3.88 | 5 | 10 | 75 | 6 |
| UNBX4015 | R 2.0 | 3.88 | 5 | 15 | 75 | 6 |
| UNBX4020 | R 2.0 | 3.88 | 5 | 20 | 75 | 6 |
| UNBX4025 | R 2.0 | 3.88 | 5 | 25 | 75 | 6 |
| UNBX4030 | R 2.0 | 3.88 | 5 | 30 | 75 | 6 |

