

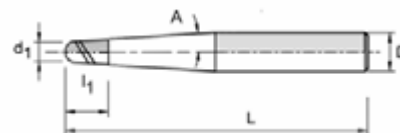
**MX 900 Series - Ultra Fine Grain Carbide Ballnose Endmills 、Taper Neck / HSM - 2 Flutes**

極細微粒鎢鋼、球刀、斜頸 / 高速切削— 2 刃

Size : R3.0 ~ R6.0

# MTB2

| Carbide          | Coating | Coating      | Helix | HRC | V-Speed |
|------------------|---------|--------------|-------|-----|---------|
| Grain Ultra-Fine | NT-WET  | ULTRA TIALN+ | 35°   | 65  | HSM     |



| Dimension(mm)<br>Designation | 刀徑<br>d <sub>1</sub> | 斜角<br>A | 刀長<br>l <sub>1</sub> | 全長<br>L | 柄徑<br>D | 刃數<br>Z | Coating 鍍膜               |                          |
|------------------------------|----------------------|---------|----------------------|---------|---------|---------|--------------------------|--------------------------|
|                              |                      |         |                      |         |         |         | NT-WET ( N )             | ULTRA ( D )              |
| MTB2-020-T3.0                | R1.0                 | 3.0°    | 3.0                  | 75      | 6       | 2       | <input type="checkbox"/> | <input type="checkbox"/> |
| MTB2-020-T5.0                | R1.0                 | 5.0°    | 3.0                  | 75      | 6       | 2       | <input type="checkbox"/> | <input type="checkbox"/> |
| MTB2-030-T3.0                | R1.5                 | 3.0°    | 4.5                  | 75      | 6       | 2       | <input type="checkbox"/> | <input type="checkbox"/> |
| MTB2-030-T1.5                | R1.5                 | 1.5°    | 4.5                  | 100     | 6       | 2       | <input type="checkbox"/> | <input type="checkbox"/> |
| MTB2-040-T3.0                | R2.0                 | 3.0°    | 6.0                  | 75      | 6       | 2       | <input type="checkbox"/> | <input type="checkbox"/> |
| MTB2-040-T1.5                | R2.0                 | 1.5°    | 6.0                  | 100     | 6       | 2       | <input type="checkbox"/> | <input type="checkbox"/> |
| MTB2-060-T3.0                | R3.0                 | 3.0°    | 9.0                  | 75      | 8       | 2       | <input type="checkbox"/> | <input type="checkbox"/> |
| MTB2-060-T1.5                | R3.0                 | 1.5°    | 9.0                  | 100     | 8       | 2       | <input type="checkbox"/> | <input type="checkbox"/> |

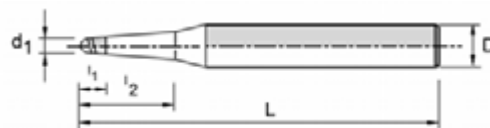
**MX 900 Series - Ultra Fine Grain Carbide Ballnose Endmills 、Long Taper Neck / HSM - 2 Flutes**

極細微粒鎢鋼、球刀、長斜頸 / 高速切削 — 2 刃

Size : R1.0 ~ R2.0

# MLTB2

| Carbide          | Coating | Coating      | Helix | HRC | V-Speed |
|------------------|---------|--------------|-------|-----|---------|
| Grain Ultra-Fine | NT-WET  | ULTRA TIALN+ | 35°   | 65  | HSM     |



| Dimension(mm)<br>Designation | 刀徑<br>d <sub>1</sub> | 斜角<br>A | 刀長<br>l <sub>1</sub> | 有效長<br>l <sub>2</sub> | 全長<br>L | 柄徑<br>D | 刃數<br>Z | Coating 鍍膜               |                          |
|------------------------------|----------------------|---------|----------------------|-----------------------|---------|---------|---------|--------------------------|--------------------------|
|                              |                      |         |                      |                       |         |         |         | NT-WET ( N )             | ULTRA ( D )              |
| MLTB2-020-T0.5               | R1.0                 | 0.5°    | 3.0                  | 60                    | 100     | 6       | 2       | <input type="checkbox"/> | <input type="checkbox"/> |
| MLTB2-020-T1.0               | R1.0                 | 1.0°    | 3.0                  | 60                    | 100     | 6       | 2       | <input type="checkbox"/> | <input type="checkbox"/> |
| MLTB2-020-T1.5               | R1.0                 | 1.5°    | 3.0                  | 60                    | 100     | 6       | 2       | <input type="checkbox"/> | <input type="checkbox"/> |
| MLTB2-030-T0.5               | R1.5                 | 0.5°    | 4.0                  | 60                    | 100     | 6       | 2       | <input type="checkbox"/> | <input type="checkbox"/> |
| MLTB2-030-T1.0               | R1.5                 | 1.0°    | 4.0                  | 60                    | 100     | 6       | 2       | <input type="checkbox"/> | <input type="checkbox"/> |
| MLTB2-040-T0.5               | R2.0                 | 0.5°    | 5.0                  | 60                    | 100     | 6       | 2       | <input type="checkbox"/> | <input type="checkbox"/> |
| MLTB2-040-T1.0               | R2.0                 | 1.0°    | 5.0                  | 60                    | 100     | 6       | 2       | <input type="checkbox"/> | <input type="checkbox"/> |

Recommended work material 推薦可加工材料

Preferred suitable 最適用

Suitable 適用

| NT-WET ( N ) | Steel < HRC32<br>碳鋼 / 合金鋼 | HRC32 ~ 55<br>合金 / 熱處理鋼 | HRC 56 ~ 60<br>熱處理鋼 | Stainless<br>不鏽鋼 | Copper<br>銅     | Super Alloy<br>高溫合金 |
|--------------|---------------------------|-------------------------|---------------------|------------------|-----------------|---------------------|
| ULTRA ( D )  | Steel < HRC32<br>碳鋼 / 合金鋼 | HRC32 ~ 48<br>合金 / 預硬鋼  | HRC 49 ~ 65<br>熱處理鋼 | Stainless<br>不鏽鋼 | Cast Iron<br>鑄鐵 | Super Alloy<br>高溫合金 |

**FEATURE :** Long taper neck is applied to increase tool rigidity than straight neck , new ULTRA ( D ) TIALN+ coating useful for HSM and hard milling ( DRY CUT ) in mould and die operations ( Up to HRC 65 ) , excellent for profile finishing and deep rib processing .