

MTS

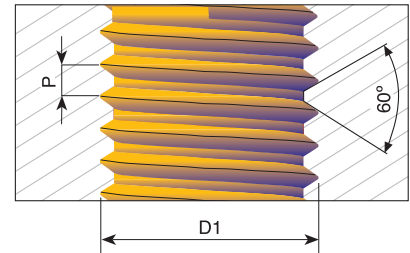
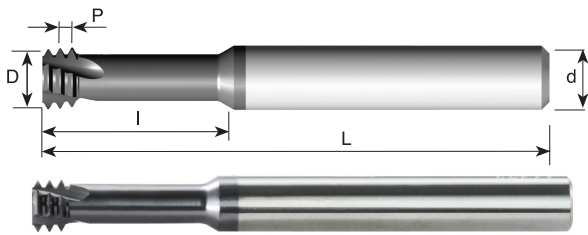


Demonstration

Carbide grade: MT7

Sub-Micron grade with Titanium Aluminum Nitride multi-layer coating (ISO K10 - K20).
To be run at medium to high cutting speeds. General purpose for all materials.

ISO Tools for Internal Thread



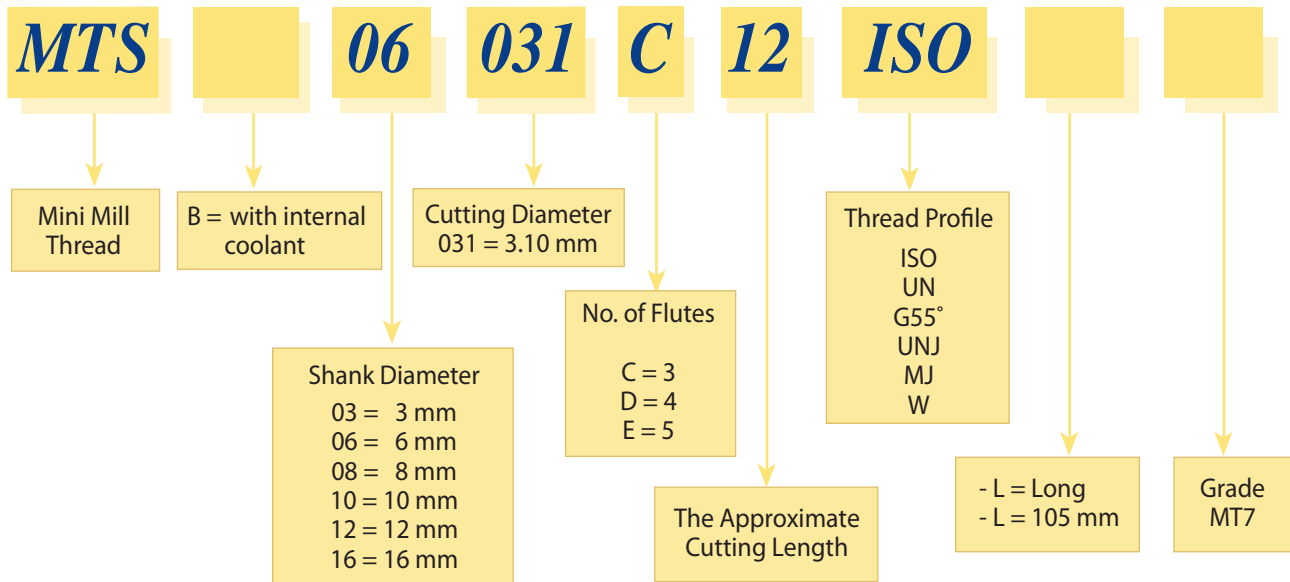
| Grade | P | M | K | N | S | H |
|-------|---|---|---|---|---|---------|
| MT7 | ● | ○ | ● | ● | ● | ≤45 HRc |

| Pitch mm | M Coarse | M Fine | Ordering Code | d | D | No. of Flutes | I | L | Thread depth |
|----------|------------|----------|--------------------------------|---|------|---------------|------|-----|--------------|
| 0.25 | M1, M1.1 | | MTS 03007 C2 0.25 ISO | 3 | 0.72 | 3 | 2.5 | 39 | 2.5xD1 |
| 0.25 | M1.2 | M1.4 | MTS 03009 C3 0.25 ISO | 3 | 0.90 | 3 | 3.0 | 39 | 2xD1 |
| 0.3 | M1.4 | | MTS 03011 C4 0.3 ISO | 3 | 1.05 | 3 | 4.0 | 39 | 3xD1 |
| 0.35 | M1.6, M1.8 | M2, M2.5 | MTS 03012 C5 0.35 ISO | 3 | 1.20 | 3 | 4.8 | 39 | 3xD1 |
| 0.35 | M1.6, M1.8 | M2, M2.5 | MTS 06012 C5 0.35 ISO-L | 6 | 1.20 | 3 | 4.8 | 105 | 3xD1 |
| 0.35 | | M5, M6 | MTS 06045 D14 0.35 ISO | 6 | 4.50 | 4 | 14.5 | 58 | 3xD1 |
| 0.4 | M2 | | MTS 06016 C4 0.4 ISO | 6 | 1.53 | 3 | 4.5 | 58 | 2xD1 |
| 0.4 | M2 | | MTS 06016 C4 0.4 ISO-L | 6 | 1.53 | 3 | 4.5 | 105 | 2xD1 |
| 0.4 | M2 | | MTS 03016 C6 0.4 ISO | 3 | 1.53 | 3 | 6.0 | 39 | 3xD1 |
| 0.4 | M2 | | MTS 03016 C10 0.4 ISO | 3 | 1.53 | 3 | 10.4 | 39 | 5xD1 |
| 0.45 | M2.2 | | MTS 06017 C5 0.45 ISO | 6 | 1.65 | 3 | 5.0 | 58 | 2xD1 |
| 0.45 | M2.2 | | MTS 03017 C7 0.45 ISO | 3 | 1.65 | 3 | 7.0 | 39 | 3xD1 |
| 0.45 | M2.5 | | MTS 0602 C5 0.45 ISO | 6 | 1.95 | 3 | 5.5 | 58 | 2xD1 |
| 0.45 | M2.5 | | MTS 0602 C5 0.45 ISO-L | 6 | 1.95 | 3 | 5.5 | 105 | 2xD1 |
| 0.45 | M2.5 | | MTS 0602 C7 0.45 ISO | 6 | 1.95 | 3 | 7.5 | 58 | 3xD1 |
| 0.45 | M2.5 | | MTS 0602 C8 0.45 ISO-L | 6 | 1.95 | 3 | 8.0 | 105 | 3xD1 |
| 0.45 | M2.5 | | MTS 0302 C10 0.45 ISO | 3 | 1.95 | 3 | 10.5 | 39 | 4xD1 |
| 0.5 | M3 | | MTS 06024 C6 0.5 ISO | 6 | 2.37 | 3 | 6.5 | 58 | 2xD1 |
| 0.5 | M3 | | MTS 06024 C6 0.5 ISO-L | 6 | 2.37 | 3 | 6.5 | 105 | 2xD1 |
| 0.5 | M3 | | MTS 06024 C9 0.5 ISO | 6 | 2.37 | 3 | 9.5 | 58 | 3xD1 |
| 0.5 | M3 | | MTS 06024 C9 0.5 ISO-L | 6 | 2.37 | 3 | 9.5 | 105 | 3xD1 |
| 0.5 | M3 | | MTS 03024 C12 0.5 ISO | 3 | 2.40 | 3 | 12.5 | 39 | 4xD1 |
| 0.5 | M3 | | MTS 03024 C15 0.5 ISO | 3 | 2.40 | 3 | 15.5 | 39 | 5xD1 |
| 0.5 | | M4, M5 | MTS 06034 D8 0.5 ISO | 6 | 3.40 | 4 | 8.5 | 58 | 2xD1 |
| 0.5 | | M4, M5 | MTS 06034 D12 0.5 ISO | 6 | 3.40 | 4 | 12.5 | 58 | 3xD1 |
| 0.5 | | M6, M7 | MTS 06054 D20 0.5 ISO | 6 | 5.35 | 4 | 20.0 | 58 | 3xD1 |
| 0.6 | M3.5 | | MTS 06028 C7 0.6 ISO | 6 | 2.75 | 3 | 7.5 | 58 | 2xD1 |
| 0.6 | M3.5 | | MTS 06028 C10 0.6 ISO | 6 | 2.75 | 3 | 10.5 | 58 | 3xD1 |
| 0.7 | M4 | | MTS 06031 C9 0.7 ISO | 6 | 3.10 | 3 | 9.0 | 58 | 2xD1 |
| 0.7 | M4 | | MTS 06031 C12 0.7 ISO | 6 | 3.10 | 3 | 12.5 | 58 | 3xD1 |
| 0.7 | M4 | | MTS 06031 C12 0.7 ISO-L | 6 | 3.10 | 3 | 12.5 | 105 | 3xD1 |
| 0.7 | M4 | | MTS 06031 C16 0.7 ISO | 6 | 3.10 | 3 | 16.7 | 58 | 4xD1 |

● First choice ○ Alternative

Product Identification

Mini Mill-Thread MTS Ordering Codes



Mini Mill-Thread MTI and FMTI Ordering Codes

