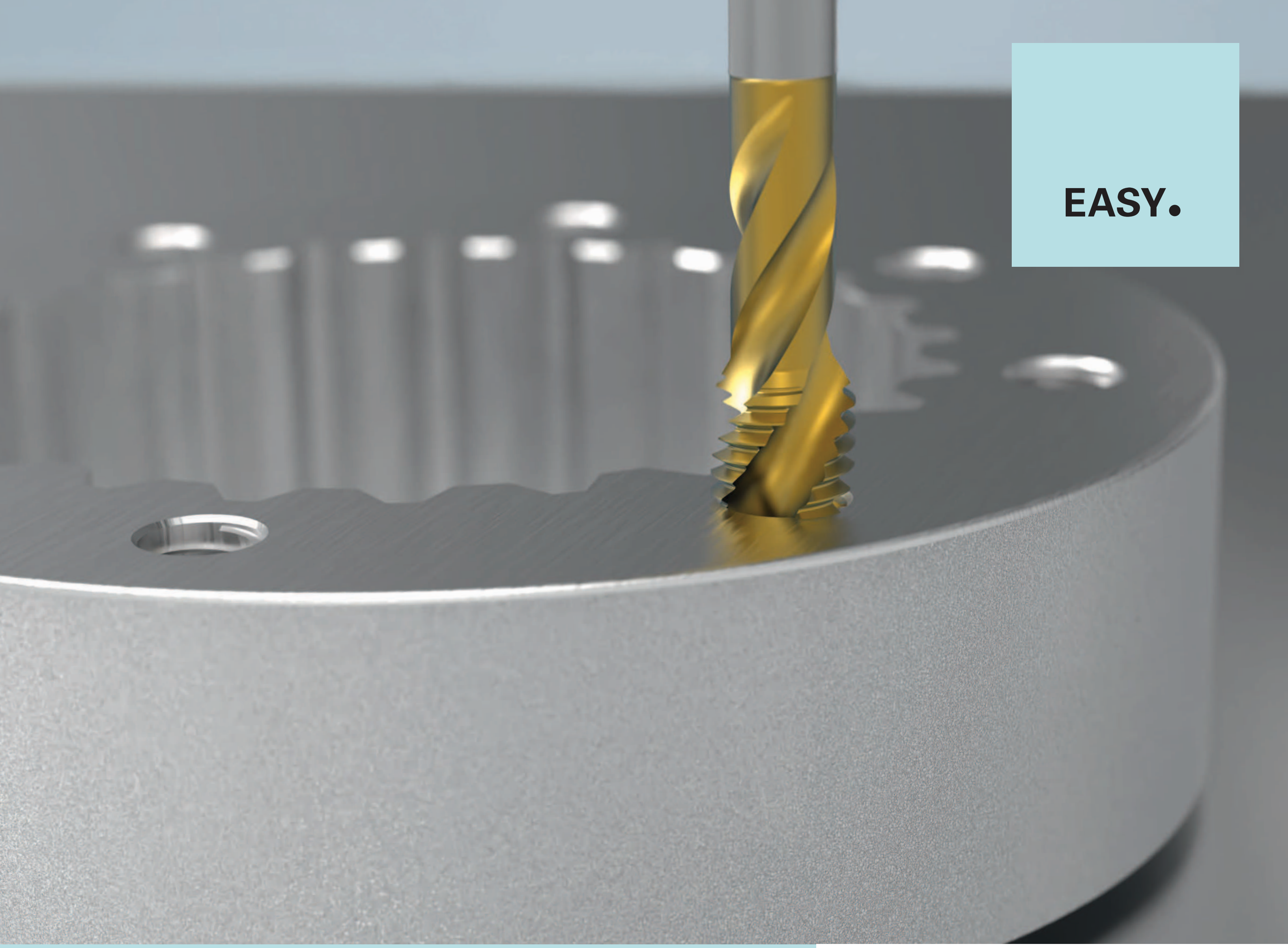


# EASYTap

## The New Universal Tap
## 新型通用丝锥

www.lmt-tools.com

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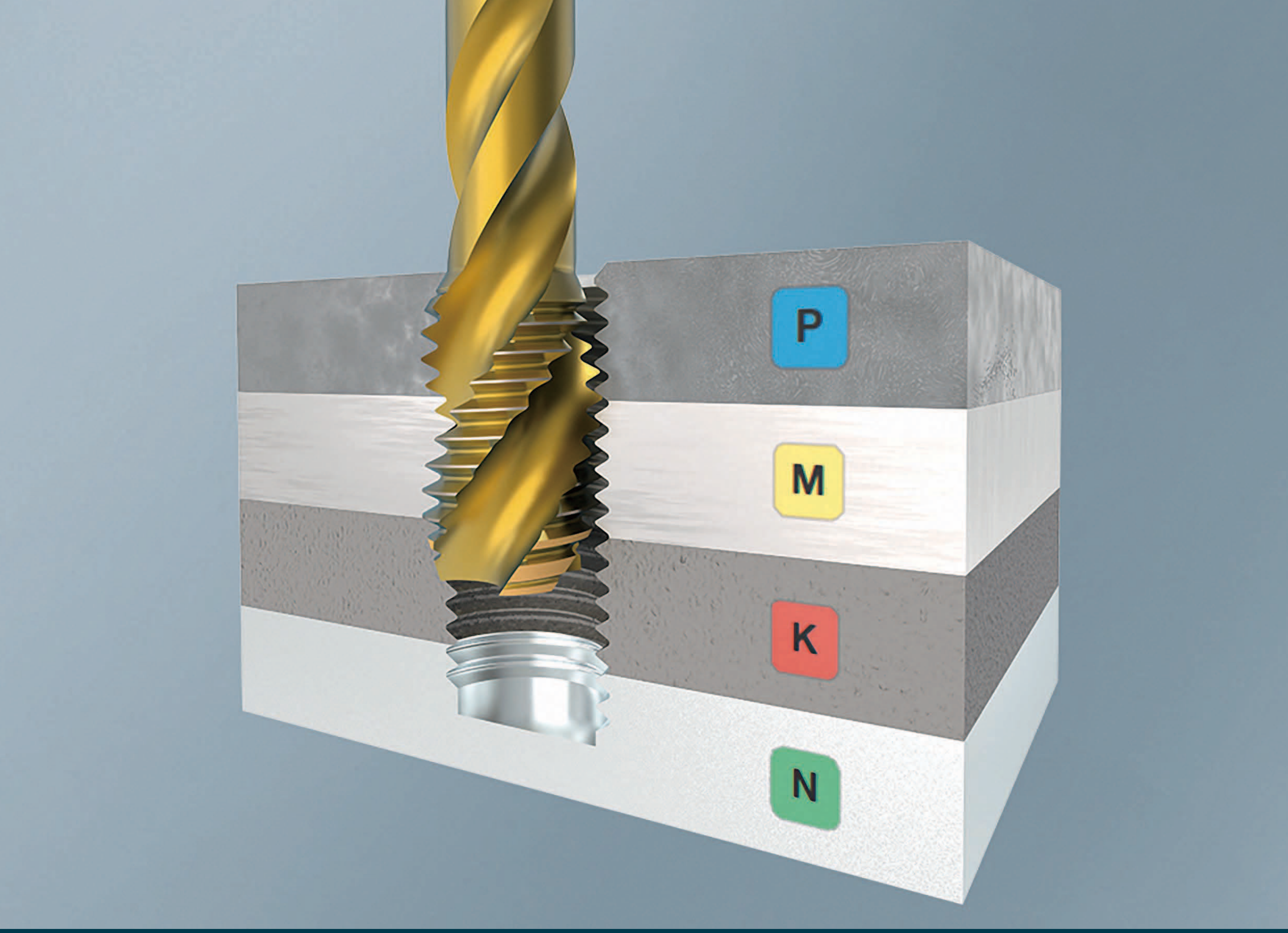
KIENINGER
ONSRUD

EASY•

# EASY系列产品效率高效、应用场景广阔，易于操作。

LMT TOOLS
BELIN
FETTE
KIENINGER
ONSRUD

| 说明 | 螺纹类型 | 公差 | 倒角类型 | 螺纹深度 | 标准 | 螺旋角 | 页码 |
|---|---|---|---|---|---|---|---|
| **盲孔螺纹** | | | | | | | |
| | M 1–30 | 6HX | C 2–3 | 2–3×D | DIN 371/376 | 45° | 6 |
| | M 2–24 | 6GX | | | | | 8 |
| | M 3–16 | 6H +0.1 | | | | | 10 |
| | MF 2,5–30 | 6HX | | | DIN 374 | | 12 |
|  | UNC No. 2–1 | 2BX | | | DIN 2184–1 | | 14 |
| | UNF No. 2–1 | 2BX | | | | | 16 |
| | G 1/16 – 1 | | | | DIN 5156 | | 18 |
| | EGM 2–20 | 6HX mod | E 1,5–2 | | DIN 40435 | | 20 |
| | NPT 1/16–1 | | C 2–3 | | DIN 5156 | 40° | 22 |
| **通孔螺纹** | | | | | | | |
| | M 1–30 | 6HX | B 3,5–5 | 3×D | DIN 371/376 | 0° | 7 |
| | M 2–24 | 6GX | | | | | 9 |
| | M 3–16 | 6H +0.1 | | | | | 11 |
|  | MF 2,5–30 | 6HX | | | DIN 374 | | 13 |
| | UNC No. 2–1 | 2BX | | | DIN 2184–1 | | 15 |
| | UNF No. 2–1 | 2BX | | | | | 17 |
| | G 1/16 –1 | | | | DIN 5156 | | 19 |
| | EGM 2–20 | 6HX mod | | | DIN 40435 | | 21 |




# 通用丝锥：
# 适配所有螺纹类型，尽显极致灵活

EASYTap系列产品集出色的灵活性与高效性于一身。EASYTap螺纹产品组合几乎适用于所有材料。新型EASYTap系列的优势在于大幅缩短了生产时间，降低了生产成本。得益于用户友好的操作性与出色的工艺可靠性，EASYTap成为了多功能、简单螺纹加工的理想选择。

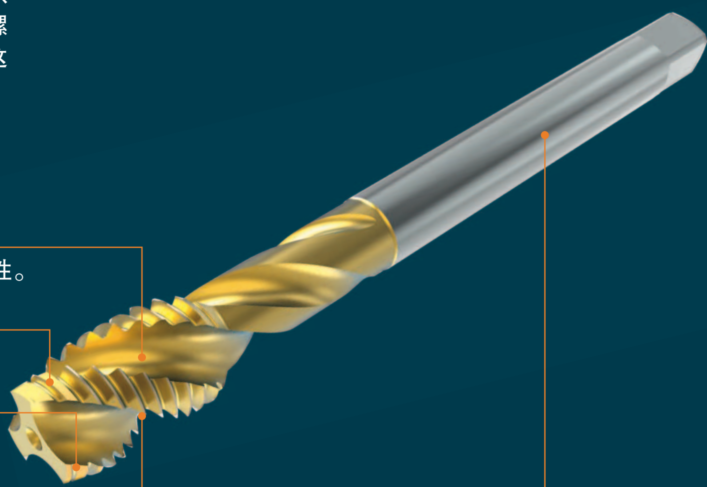
# EASYTap – 适用于所有应用的通用丝锥

EASYTap产品系列提供了适用于所有常见螺纹类型（例如：M公制标准螺纹、MF公制细牙螺纹、UNC英制标准螺纹、UNF英制细牙螺纹、G型管螺纹与EG–M螺套螺纹）的理想解决方案。采用优质HSS–E制造材料，利用成熟的TiN涂层处理技术进行表面处理，EASYTap能够保证最高的精度与耐用性。

EASYTap适用于从钢和不锈钢到铸铁和铝的广泛加工材料，展现了令人印象深刻的多功能性。在公制范围内，我们能够提供直径从M1到M30不等的标准产品组合，在公制细牙范围内，能够提供直径从MF2.5到MF30不等的标准产品组合。对于UNC与UNF螺纹，能够提供尺寸从2号到1英寸不等的产品组合；对于G型管螺纹，能够提供尺寸从1/16英寸到1英寸不等的产品组合；对于EG–M螺套螺纹，能够提供尺寸从M2到M20不等的产品组合。这意味着，EASYTap拥有非常广泛的应用范围。

EASYTap凭借自身无比广泛的应用范围，助您轻松应对各类挑战。

**优势：**
- 通用丝锥提供了广泛的应用范围。
- 加工钢、不锈钢、铸铁以及铝材等各类工件时，拥有加长的刀具使用寿命，能够确保较低的单螺纹成本。
- 高效夹紧，确保工艺可靠性。



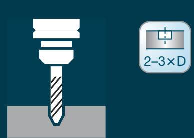
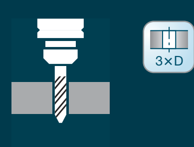
经优化的刃口设计，能够提升切屑成型效率与工艺可靠性。

全新开发的导程几何形状，确保稳定的切屑形成。

耐磨TiN涂层

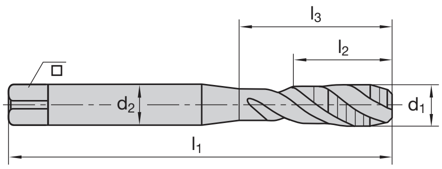
与切削油、乳化液以及微量润滑（MQL）相兼容。

可普遍适配同步攻丝刀柄、柔性补偿刀柄或弹簧夹头。

| EASYTap | |
|---|---|
| 适用于广泛加工材料（例如：钢、不锈钢、铸铁和铝）的高性能螺纹加工 | |
| P M K N | |
|  盲孔 |  通孔 |

M | EASY | h9 | 2–3×D | 45° | C 2–3 | 6HX | HSS-E | TiN

DIN 371 | DIN 376

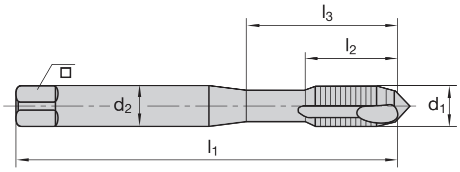



| 目录号 | | ET01 | ET01 |
|---|---|---|---|
| P1 | 钢 < 500 N/mm² | ■ $v_c$ = 15–25 m/min | ■ $v_c$ = 15–25 m/min |
| P2 | 钢 500–1000 N/mm² | ■ $v_c$ = 10–20 m/min | ■ $v_c$ = 10–20 m/min |
| P3 | 钢 > 1000 N/mm² | ■ $v_c$ = 8–15 m/min | ■ $v_c$ = 8–15 m/min |
| M1 | 奥氏体不锈钢 | ■ $v_c$ = 6–12 m/min | ■ $v_c$ = 6–12 m/min |
| M2 | 马氏体不锈钢 | | |
| K1 | 灰口铸铁 | | |
| K2 | 球墨铸铁 | ■ $v_c$ = 8–20 m/min | ■ $v_c$ = 8–20 m/min |
| N1 | 铝铜合金，长切屑，硅含量 < 5 % Si | ■ $v_c$ = 15–40 m/min | ■ $v_c$ = 15–40 m/min |
| N2 | 铝铜合金，长切屑，硅含量 5 –10 % Si | ■ $v_c$ = 15–40 m/min | ■ $v_c$ = 15–40 m/min |
| N3 | 铝铜合金，短切屑，硅含量 > 10 % Si | ■ $v_c$ = 10–30 m/min | ■ $v_c$ = 10–30 m/min |
| N4 | 石墨 | | |
| S1 | 中等强度钛合金 < 900 N/mm² | | |
| S2 | 高强度钛合金 < 1300 N/mm² | | |
| H1 | HRC冷拔钢和硬化钢（洛氏硬度45–55） | | |

| $d_1$ | P | $l_1$ | $l_2$ | $l_3$ | $d_2$ | □ h12 | z | | 订货号 | LMT编码 | 订货号 | LMT编码 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **加强型直柄** | | | | | | | | | | | | |
| M1 | 0.25 | 40 | 5 | – | 2.5 | 2.1 | 2 | 0.75 | 7465287 | TC-CM 1X0.25-4HX-ET45-11 | – | – |
| M1.1 | 0.25 | 40 | 5 | – | 2.5 | 2.1 | 2 | 0.85 | 7465288 | TC-CM 1.1X0.25-4HX-ET45-11 | – | – |
| M1.2 | 0.25 | 40 | 5 | – | 2.5 | 2.1 | 2 | 0.95 | 7465289 | TC-CM 1.2X0.25-4HX-ET45-11 | – | – |
| M1.4 | 0.3 | 40 | 6 | – | 2.5 | 2.1 | 2 | 1.1 | 7465290 | TC-CM 1.4X0.3-6HX-ET45-11 | – | – |
| M1.6 | 0.35 | 40 | 7 | – | 2.5 | 2.1 | 2 | 1.25 | 7465291 | TC-CM 1.6X0.35-6HX-ET45-11 | – | – |
| M1.7 | 0.35 | 40 | 8 | – | 2.5 | 2.1 | 2 | 1.3 | 7465292 | TC-CM 1.7X0.35-6HX-ET45-11 | – | – |
| M1.8 | 0.35 | 40 | 8 | – | 2.5 | 2.1 | 2 | 1.45 | 7465293 | TC-CM 1.8X0.35-6HX-ET45-11 | – | – |
| M2 | 0.4 | 45 | 3.2 | 10 | 2.8 | 2.1 | 2 | 1.6 | 7465294 | TC-CM 2X0.4-6HX-ET45-11 | – | – |
| M2.2 | 0.45 | 45 | 3.6 | 11 | 2.8 | 2.1 | 2 | 1.75 | 7465295 | TC-CM 2.2X0.45-6HX-ET45-11 | – | – |
| M2.3 | 0.4 | 45 | 3.6 | 12 | 2.8 | 2.1 | 2 | 1.9 | 7465296 | TC-CM 2.3X0.4-6HX-ET45-11 | – | – |
| M2.5 | 0.45 | 50 | 3.6 | 13 | 2.8 | 2.1 | 2 | 2.05 | 7465297 | TC-CM 2.5X0.45-6HX-ET45-11 | – | – |
| M2.6 | 0.45 | 50 | 3.6 | 13 | 2.8 | 2.1 | 2 | 2.1 | 7465298 | TC-CM 2.6X0.45-6HX-ET45-11 | – | – |
| M3 | 0.5 | 56 | 4 | 18 | 3.5 | 2.7 | 3 | 2.5 | 7465299 | TC-CM 3X0.5-6HX-ET45-11 | – | – |
| M4 | 0.7 | 63 | 5.6 | 21 | 4.5 | 3.4 | 3 | 3.3 | 7465301 | TC-CM 4X0.7-6HX-ET45-11 | – | – |
| M5 | 0.8 | 70 | 6.4 | 25 | 6 | 4.9 | 3 | 4.2 | 7465303 | TC-CM 5X0.8-6HX-ET45-11 | – | – |
| M6 | 1 | 80 | 8 | 30 | 6 | 4.9 | 3 | 5 | 7465304 | TC-CM 6X1-6HX-ET45-11 | – | – |
| M8 | 1.25 | 90 | 10 | 35 | 8 | 6.2 | 3 | 6.8 | 7465306 | TC-CM 8X1.25-6HX-ET45-11 | – | – |
| M10 | 1.5 | 100 | 12 | 39 | 10 | 8 | 3 | 8.5 | 7465307 | TC-CM 10X1.5-6HX-ET45-11 | – | – |
| **标准直柄** | | | | | | | | | | | | |
| M6 | 1 | 80 | 8 | – | 4.5 | 3.4 | 3 | 5 | – | – | 7465320 | TC-CM 6X1-6HX-ET45-11 |
| M8 | 1.25 | 90 | 10 | – | 6 | 4.9 | 3 | 6.8 | – | – | 7465321 | TC-CM 8X1.25-6HX-ET45-11 |
| M10 | 1.5 | 100 | 12 | – | 7 | 5.5 | 3 | 8.5 | – | – | 7465322 | TC-CM 10X1.5-6HX-ET45-11 |
| M12 | 1.75 | 110 | 14 | – | 9 | 7 | 3 | 10.2 | – | – | 7465308 | TC-CM 12X1.75-6HX-ET45-11 |
| M14 | 2 | 110 | 16 | – | 11 | 9 | 3 | 12 | – | – | 7465309 | TC-CM 14X2-6HX-ET45-11 |
| M16 | 2 | 110 | 16 | – | 12 | 9 | 3 | 14 | – | – | 7465310 | TC-CM 16X2-6HX-ET45-11 |
| M18 | 2.5 | 125 | 25 | – | 14 | 11 | 4 | 15.5 | – | – | 7465311 | TC-CM 18X2.5-6HX-ET45-11 |
| M20 | 2.5 | 140 | 25 | – | 16 | 12 | 4 | 17.5 | – | – | 7465312 | TC-CM 20X2.5-6HX-ET45-11 |
| M22 | 2.5 | 140 | 25 | – | 18 | 14.5 | 4 | 19.5 | – | – | 7465313 | TC-CM 22X2.5-6HX-ET45-11 |
| M24 | 3 | 160 | 30 | – | 18 | 14.5 | 4 | 21 | – | – | 7465314 | TC-CM 24X3-6HX-ET45-11 |
| M27 | 3 | 160 | 36 | – | 20 | 16 | 4 | 24 | – | – | 7465315 | TC-CM 27X3-6HX-ET45-11 |
| M30 | 3.5 | 180 | 42 | – | 22 | 18 | 4 | 26.5 | – | – | 7465316 | TC-CM 30X3.5-6HX-ET45-11 |

注：可根据要求提供左旋螺纹丝锥（M3–M24）或加长丝锥（M3–M20）
■ = 首选 □ = 次选

M | EASY. | h9 | 3×D | 0° | B 3,5–5 | 6HX | HSS-E | TiN




DIN 371

DIN 376

| 目录号 | | ET01 | ET01 |
|---|---|---|---|
| P1 | 钢 < 500 N/mm² | ■ $v_c$ = 15–25 m/min | ■ $v_c$ = 15–25 m/min |
| P2 | 钢 500–1000 N/mm² | ■ $v_c$ = 10–20 m/min | ■ $v_c$ = 10–20 m/min |
| P3 | 钢 > 1000 N/mm² | ■ $v_c$ = 8–15 m/min | ■ $v_c$ = 8–15 m/min |
| M1 | 奥氏体不锈钢 | ■ $v_c$ = 6–12 m/min | ■ $v_c$ = 6–12 m/min |
| M2 | 马氏体不锈钢 | | |
| K1 | 灰口铸铁 | | |
| K2 | 球墨铸铁 | ■ $v_c$ = 8–20 m/min | ■ $v_c$ = 8–20 m/min |
| N1 | 铝铜合金，长切屑，硅含量 < 5 % Si | ■ $v_c$ = 15–40 m/min | ■ $v_c$ = 15–40 m/min |
| N2 | 铝铜合金，长切屑，硅含量 5 –10 % Si | ■ $v_c$ = 15–40 m/min | ■ $v_c$ = 15–40 m/min |
| N3 | 铝铜合金，短切屑，硅含量 > 10 % Si | ■ $v_c$ = 10–30 m/min | ■ $v_c$ = 10–30 m/min |
| N4 | 石墨 | | |
| S1 | 中等强度钛合金 < 900 N/mm² | | |
| S2 | 高强度钛合金 < 1300 N/mm² | | |
| H1 | HRC冷拔钢和硬化钢（洛氏硬度45–55） | | |

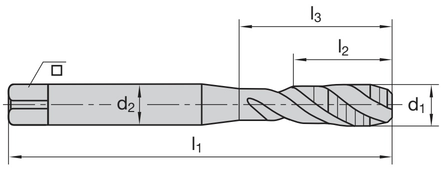
| $d_1$ | P | $l_1$ | $l_2$ | $l_3$ | $d_2$ | □ h12 | z | | 订货号 | LMT编码 | 订货号 | LMT编码 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | 加强型直柄 | | | |
| M1 | 0.25 | 40 | 5 | – | 2.5 | 2.1 | 2 | 0.75 | 7465196 | TC-BM 1X0.25-4HX-ET0-11 | – | – |
| M1.1 | 0.25 | 40 | 5 | – | 2.5 | 2.1 | 2 | 0.85 | 7465197 | TC-BM 1.1X0.25-4HX-ET0-11 | – | – |
| M1.2 | 0.25 | 40 | 5 | – | 2.5 | 2.1 | 2 | 0.95 | 7465198 | TC-BM 1.2X0.25-4HX-ET0-11 | – | – |
| M1.4 | 0.3 | 40 | 7 | – | 2.5 | 2.1 | 2 | 1.1 | 7465199 | TC-BM 1.4X0.3-6HX-ET0-11 | – | – |
| M1.6 | 0.35 | 40 | 8 | – | 2.5 | 2.1 | 2 | 1.25 | 7465200 | TC-BM 1.6X0.35-6HX-ET0-11 | – | – |
| M1.7 | 0.35 | 40 | 8 | – | 2.5 | 2.1 | 2 | 1.3 | 7465201 | TC-BM 1.7X0.35-6HX-ET0-11 | – | – |
| M1.8 | 0.35 | 40 | 8 | – | 2.5 | 2.1 | 2 | 1.45 | 7465202 | TC-BM 1.8X0.35-6HX-ET0-11 | – | – |
| M2 | 0.4 | 45 | 8 | – | 2.8 | 2.1 | 2 | 1.6 | 7465203 | TC-BM 2X0.4-6HX-ET0-11 | – | – |
| M2.2 | 0.45 | 45 | 9 | – | 2.8 | 2.1 | 2 | 1.75 | 7465204 | TC-BM 2.2X0.45-6HX-ET0-11 | – | – |
| M2.3 | 0.4 | 45 | 9 | – | 2.8 | 2.1 | 2 | 1.9 | 7465205 | TC-BM 2.3X0.4-6HX-ET0-11 | – | – |
| M2.5 | 0.45 | 50 | 9 | – | 2.8 | 2.1 | 2 | 2.05 | 7465206 | TC-BM 2.5X0.45-6HX-ET0-11 | – | – |
| M2.6 | 0.45 | 50 | 9 | – | 2.8 | 2.1 | 2 | 2.1 | 7465207 | TC-BM 2.6X0.45-6HX-ET0-11 | – | – |
| M3 | 0.5 | 56 | 11 | 18 | 3.5 | 2.7 | 3 | 2.5 | 7465208 | TC-BM 3X0.5-6HX-ET0-11 | – | – |
| M4 | 0.7 | 63 | 13 | 21 | 4.5 | 3.4 | 3 | 3.3 | 7465210 | TC-BM 4X0.7-6HX-ET0-11 | – | – |
| M5 | 0.8 | 70 | 16 | 25 | 6 | 4.9 | 3 | 4.2 | 7465212 | TC-BM 5X0.8-6HX-ET0-11 | – | – |
| M6 | 1 | 80 | 19 | 30 | 6 | 4.9 | 3 | 5 | 7465213 | TC-BM 6X1-6HX-ET0-11 | – | – |
| M8 | 1.25 | 90 | 22 | 35 | 8 | 6.2 | 3 | 6.8 | 7465215 | TC-BM 8X1.25-6HX-ET0-11 | – | – |
| M10 | 1.5 | 100 | 24 | 39 | 10 | 8 | 3 | 8.5 | 7465216 | TC-BM 10X1.5-6HX-ET0-11 | – | – |
| | | | | | | | | | 标准直柄 | | | |
| M6 | 1 | 80 | 19 | – | 4.5 | 3.4 | 3 | 5 | – | – | 7465229 | TC-BM 6X1-6HX-ET0-11 |
| M8 | 1.25 | 90 | 22 | – | 6 | 4.9 | 3 | 6.8 | – | – | 7465230 | TC-BM 8X1.25-6HX-ET0-11 |
| M10 | 1.5 | 100 | 24 | – | 7 | 5.5 | 3 | 8.5 | – | – | 7465231 | TC-BM 10X1.5-6HX-ET0-11 |
| M12 | 1.75 | 110 | 28 | – | 9 | 7 | 3 | 10.2 | – | – | 7465217 | TC-BM 12X1.75-6HX-ET0-11 |
| M14 | 2 | 110 | 30 | – | 11 | 9 | 3 | 12 | – | – | 7465218 | TC-BM 14X2-6HX-ET0-11 |
| M16 | 2 | 110 | 32 | – | 12 | 9 | 3 | 14 | – | – | 7465219 | TC-BM 16X2-6HX-ET0-11 |
| M18 | 2.5 | 125 | 34 | – | 14 | 11 | 3 | 15.5 | – | – | 7465220 | TC-BM 18X2.5-6HX-ET0-11 |
| M20 | 2.5 | 140 | 34 | – | 16 | 12 | 3 | 17.5 | – | – | 7465221 | TC-BM 20X2.5-6HX-ET0-11 |
| M22 | 2.5 | 140 | 34 | – | 18 | 14.5 | 3 | 19.5 | – | – | 7465222 | TC-BM 22X2.5-6HX-ET0-11 |
| M24 | 3 | 160 | 38 | – | 18 | 14.5 | 3 | 21 | – | – | 7465223 | TC-BM 24X3-6HX-ET0-11 |
| M27 | 3 | 160 | 38 | – | 20 | 16 | 4 | 24 | – | – | 7465224 | TC-BM 27X3-6HX-ET0-11 |
| M30 | 3.5 | 180 | 45 | – | 22 | 18 | 4 | 26.5 | – | – | 7465225 | TC-BM 30X3.5-6HX-ET0-11 |

注：可根据要求提供左旋螺纹丝锥（M3–M24）或加长丝锥（M3–M20）
■ = 首选　□ = 次选

LMT TOOLS
BELIN FETTE KIENINGER ONSRUD

M | EASY. | h9 | 2–3×D | 45° | C 2–3 | 6GX | HSS-E | TiN

DIN 371 | DIN 376



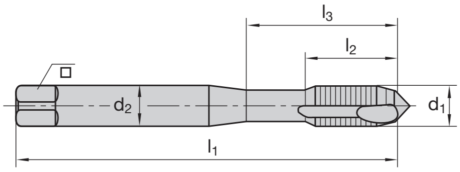

| 目录号 | | ET01 | ET01 |
|---|---|---|---|
| P1 | 钢 < 500 N/mm² | ■ $v_c$ = 15–25 m/min | ■ $v_c$ = 15–25 m/min |
| P2 | 钢 500–1000 N/mm² | ■ $v_c$ = 10–20 m/min | ■ $v_c$ = 10–20 m/min |
| P3 | 钢 > 1000 N/mm² | ■ $v_c$ = 8–15 m/min | ■ $v_c$ = 8–15 m/min |
| M1 | 奥氏体不锈钢 | ■ $v_c$ = 6–12 m/min | ■ $v_c$ = 6–12 m/min |
| M2 | 马氏体不锈钢 | | |
| K1 | 灰口铸铁 | | |
| K2 | 球墨铸铁 | ■ $v_c$ = 8–20 m/min | ■ $v_c$ = 8–20 m/min |
| N1 | 铝铜合金，长切屑，硅含量 < 5 % Si | ■ $v_c$ = 15–40 m/min | ■ $v_c$ = 15–40 m/min |
| N2 | 铝铜合金，长切屑，硅含量 5 –10 % Si | ■ $v_c$ = 15–40 m/min | ■ $v_c$ = 15–40 m/min |
| N3 | 铝铜合金，短切屑，硅含量 > 10 % Si | ■ $v_c$ = 10–30 m/min | ■ $v_c$ = 10–30 m/min |
| N4 | 石墨 | | |
| S1 | 中等强度钛合金 < 900 N/mm² | | |
| S2 | 高强度钛合金 < 1300 N/mm² | | |
| H1 | HRC冷拔钢和硬化钢（洛氏硬度45–55） | | |

| $d_1$ | P | $l_1$ | $l_2$ | $l_3$ | $d_2$ | □ h12 | z | | 订货号 | LMT编码 | 订货号 | LMT编码 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | 加强型直柄 | | | |
| M2 | 0.4 | 45 | 3.2 | 10 | 2.8 | 2.1 | 2 | 1.6 | 7465335 | TC-CM 2X0.4-6GX-ET45-11 | – | – |
| M3 | 0.5 | 56 | 4 | 18 | 3.5 | 2.7 | 3 | 2.5 | 7465336 | TC-CM 3X0.5-6GX-ET45-11 | – | – |
| M4 | 0.7 | 63 | 5.6 | 21 | 4.5 | 3.4 | 3 | 3.3 | 7465337 | TC-CM 4X0.7-6GX-ET45-11 | – | – |
| M5 | 0.8 | 70 | 6.4 | 25 | 6 | 4.9 | 3 | 4.2 | 7465338 | TC-CM 5X0.8-6GX-ET45-11 | – | – |
| M6 | 1 | 80 | 8 | 30 | 6 | 4.9 | 3 | 5 | 7465339 | TC-CM 6X1-6GX-ET45-11 | – | – |
| M8 | 1.25 | 90 | 10 | 35 | 8 | 6.2 | 3 | 6.8 | 7465340 | TC-CM 8X1.25-6GX-ET45-11 | – | – |
| M10 | 1.5 | 100 | 12 | 39 | 10 | 8 | 3 | 8.5 | 7465341 | TC-CM 10X1.5-6GX-ET45-11 | – | – |
| | | | | | | | | | 标准直柄 | | | |
| M12 | 1.75 | 110 | 14 | – | 9 | 7 | 3 | 10.2 | – | – | 7465342 | TC-CM 12X1.75-6GX-ET45-11 |
| M14 | 2 | 110 | 16 | – | 11 | 9 | 3 | 12 | – | – | 7465343 | TC-CM 14X2-6GX-ET45-11 |
| M16 | 2 | 110 | 16 | – | 12 | 9 | 3 | 14 | – | – | 7465344 | TC-CM 16X2-6GX-ET45-11 |
| M20 | 2.5 | 140 | 25 | – | 16 | 12 | 4 | 17.5 | – | – | 7465345 | TC-CM 20X2.5-6GX-ET45-11 |
| M24 | 3 | 160 | 30 | – | 18 | 14.5 | 4 | 21 | – | – | 7465346 | TC-CM 24X3-6GX-ET45-11 |

■ = 首选 □ = 次选

LMT • TOOLS
BELIN FETTE KIENINGER ONSRUD

M | EASY. | h9 | 3×D | 0° | B 3,5–5 | 6GX | HSS-E | TiN




DIN 371

DIN 376

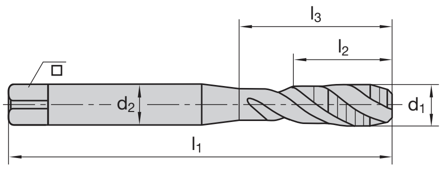
| 目录号 | | ET01 | ET01 |
|---|---|---|---|
| P1 | 钢 < 500 N/mm² | ■ $v_c$ = 15–25 m/min | ■ $v_c$ = 15–25 m/min |
| P2 | 钢 500–1000 N/mm² | ■ $v_c$ = 10–20 m/min | ■ $v_c$ = 10–20 m/min |
| P3 | 钢 > 1000 N/mm² | ■ $v_c$ = 8–15 m/min | ■ $v_c$ = 8–15 m/min |
| M1 | 奥氏体不锈钢 | ■ $v_c$ = 6–12 m/min | ■ $v_c$ = 6–12 m/min |
| M2 | 马氏体不锈钢 | | |
| K1 | 灰口铸铁 | | |
| K2 | 球墨铸铁 | ■ $v_c$ = 8–20 m/min | ■ $v_c$ = 8–20 m/min |
| N1 | 铝铜合金，长切屑，硅含量 < 5 % Si | ■ $v_c$ = 15–40 m/min | ■ $v_c$ = 15–40 m/min |
| N2 | 铝铜合金，长切屑，硅含量 5 –10 % Si | ■ $v_c$ = 15–40 m/min | ■ $v_c$ = 15–40 m/min |
| N3 | 铝铜合金，短切屑，硅含量 > 10 % Si | ■ $v_c$ = 10–30 m/min | ■ $v_c$ = 10–30 m/min |
| N4 | 石墨 | | |
| S1 | 中等强度钛合金 < 900 N/mm² | | |
| S2 | 高强度钛合金 < 1300 N/mm² | | |
| H1 | HRC冷拔钢和硬化钢（洛氏硬度45–55） | | |

| $d_1$ | P | $l_1$ | $l_2$ | $l_3$ | $d_2$ | □ h12 | z | | 订货号 | LMT编码 | 订货号 | LMT编码 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | 加强型直柄 | | | |
| M2 | 0.4 | 45 | 8 | – | 2.8 | 2.1 | 2 | 1.6 | 7465232 | TC-BM 2X0.4-6GX-ET0-11 | – | – |
| M3 | 0.5 | 56 | 11 | 18 | 3.5 | 2.7 | 3 | 2.5 | 7465233 | TC-BM 3X0.5-6GX-ET0-11 | – | – |
| M4 | 0.7 | 63 | 13 | 21 | 4.5 | 3.4 | 3 | 3.3 | 7465234 | TC-BM 4X0.7-6GX-ET0-11 | – | – |
| M5 | 0.8 | 70 | 16 | 25 | 6 | 4.9 | 3 | 4.2 | 7465235 | TC-BM 5X0.8-6GX-ET0-11 | – | – |
| M6 | 1 | 80 | 19 | 30 | 6 | 4.9 | 3 | 5 | 7465236 | TC-BM 6X1-6GX-ET0-11 | – | – |
| M8 | 1.25 | 90 | 22 | 35 | 8 | 6.2 | 3 | 6.8 | 7465237 | TC-BM 8X1.25-6GX-ET0-11 | – | – |
| M10 | 1.5 | 100 | 24 | 39 | 10 | 8 | 3 | 8.5 | 7465238 | TC-BM 10X1.5-6GX-ET0-11 | – | – |
| | | | | | | | | | 标准直柄 | | | |
| M12 | 1.75 | 110 | 28 | – | 9 | 7 | 3 | 10.2 | – | – | 7465239 | TC-BM 12X1.75-6GX-ET0-11 |
| M14 | 2 | 110 | 30 | – | 11 | 9 | 3 | 12 | – | – | 7465240 | TC-BM 14X2-6GX-ET0-11 |
| M16 | 2 | 110 | 32 | – | 12 | 9 | 3 | 14 | – | – | 7465241 | TC-BM 16X2-6GX-ET0-11 |
| M20 | 2.5 | 140 | 34 | – | 16 | 12 | 3 | 17.5 | – | – | 7465242 | TC-BM 20X2.5-6GX-ET0-11 |
| M24 | 3 | 160 | 38 | – | 18 | 14.5 | 3 | 21 | – | – | 7465243 | TC-BM 24X3-6GX-ET0-11 |

■ = 首选 □ = 次选

LMT • TOOLS
BELIN
FETTE
KIENINGER
ONSRUD

M | EASY. | h9 | 2–3×D | 45° | C 2–3 | 6H | +0.1 1) | HSS-E | TiN | DIN 371 | DIN 376




| 目录号 | | ET01 | ET01 |
|---|---|---|---|
| P1 | 钢 < 500 N/mm² | ■ $v_c$ = 15–25 m/min | ■ $v_c$ = 15–25 m/min |
| P2 | 钢 500–1000 N/mm² | ■ $v_c$ = 10–20 m/min | ■ $v_c$ = 10–20 m/min |
| P3 | 钢 > 1000 N/mm² | ■ $v_c$ = 8–15 m/min | ■ $v_c$ = 8–15 m/min |
| M1 | 奥氏体不锈钢 | ■ $v_c$ = 6–12 m/min | ■ $v_c$ = 6–12 m/min |
| M2 | 马氏体不锈钢 | | |
| K1 | 灰口铸铁 | | |
| K2 | 球墨铸铁 | ■ $v_c$ = 8–20 m/min | ■ $v_c$ = 8–20 m/min |
| N1 | 铝铜合金，长切屑，硅含量 < 5 % Si | ■ $v_c$ = 15–40 m/min | ■ $v_c$ = 15–40 m/min |
| N2 | 铝铜合金，长切屑，硅含量 5 –10 % Si | ■ $v_c$ = 15–40 m/min | ■ $v_c$ = 15–40 m/min |
| N3 | 铝铜合金，短切屑，硅含量 > 10 % Si | ■ $v_c$ = 10–30 m/min | ■ $v_c$ = 10–30 m/min |
| N4 | 石墨 | | |
| S1 | 中等强度钛合金 < 900 N/mm² | | |
| S2 | 高强度钛合金 < 1300 N/mm² | | |
| H1 | HRC冷拔钢和硬化钢（洛氏硬度45–55） | | |

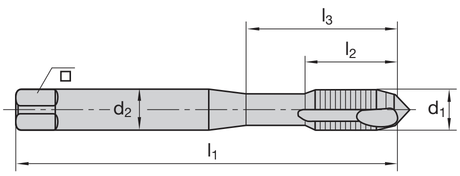
| $d_1$ | P | $l_1$ | $l_2$ | $l_3$ | $d_2$ | □ h12 | z | | 订货号 | LMT编码 | 订货号 | LMT编码 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | 加强型直柄 | | | |
| M3 | 0.5 | 56 | 4 | 18 | 3.5 | 2.7 | 3 | 2.6 | 7465356 | TC-CM 3X0.5-6H+0.1-ET45-11 | – | – |
| M4 | 0.7 | 63 | 5.6 | 21 | 4.5 | 3.4 | 3 | 3.4 | 7465357 | TC-CM 4X0.7-6H+0.1-ET45-11 | – | – |
| M5 | 0.8 | 70 | 6.4 | 25 | 6 | 4.9 | 3 | 4.3 | 7465358 | TC-CM 5X0.8-6H+0.1-ET45-11 | – | – |
| M6 | 1 | 80 | 8 | 30 | 6 | 4.9 | 3 | 5.1 | 7465359 | TC-CM 6X1-6H+0.1-ET45-11 | – | – |
| M8 | 1.25 | 90 | 10 | 35 | 8 | 6.2 | 3 | 6.9 | 7465360 | TC-CM 8X1.25-6H+0.1-ET45-11 | – | – |
| M10 | 1.5 | 100 | 12 | 39 | 10 | 8 | 3 | 8.6 | 7465361 | TC-CM 10X1.5-6H+0.1-ET45-11 | – | – |
| | | | | | | | | | 标准直柄 | | | |
| M12 | 1.75 | 110 | 14 | – | 9 | 7 | 3 | 10.3 | – | – | 7465362 | TC-CM 12X1.75-6H+0.1-ET45-11 |
| M16 | 2 | 110 | 16 | – | 12 | 9 | 3 | 14.1 | – | – | 7465363 | TC-CM 16X2-6H+0.1-ET45-11 |

1) 公差等级 6H+0.1

■ = 首选 □ = 次选

M | EASY. | h9 | 3×D | 0° | B 3.5–5 | 6H | +0.1[1] | HSS-E | TiN

DIN 371 | DIN 376



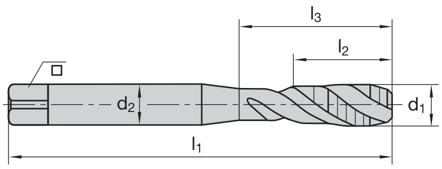

| 目录号 | | ET01 | ET01 |
|---|---|---|---|
| P1 | 钢 < 500 N/mm² | ■ $v_c$ = 15–25 m/min | ■ $v_c$ = 15–25 m/min |
| P2 | 钢 500–1000 N/mm² | ■ $v_c$ = 10–20 m/min | ■ $v_c$ = 10–20 m/min |
| P3 | 钢 > 1000 N/mm² | ■ $v_c$ = 8–15 m/min | ■ $v_c$ = 8–15 m/min |
| M1 | 奥氏体不锈钢 | ■ $v_c$ = 6–12 m/min | ■ $v_c$ = 6–12 m/min |
| M2 | 马氏体不锈钢 | | |
| K1 | 灰口铸铁 | | |
| K2 | 球墨铸铁 | ■ $v_c$ = 8–20 m/min | ■ $v_c$ = 8–20 m/min |
| N1 | 铝铜合金，长切屑，硅含量 < 5 % Si | ■ $v_c$ = 15–40 m/min | ■ $v_c$ = 15–40 m/min |
| N2 | 铝铜合金，长切屑，硅含量 5 –10 % Si | ■ $v_c$ = 15–40 m/min | ■ $v_c$ = 15–40 m/min |
| N3 | 铝铜合金，短切屑，硅含量 > 10 % Si | ■ $v_c$ = 10–30 m/min | ■ $v_c$ = 10–30 m/min |
| N4 | 石墨 | | |
| S1 | 中等强度钛合金 < 900 N/mm² | | |
| S2 | 高强度钛合金 < 1300 N/mm² | | |
| H1 | HRC冷拔钢和硬化钢（洛氏硬度45–55） | | |

| $d_1$ | P | $l_1$ | $l_2$ | $l_3$ | $d_2$ | □ h12 | z | | 订货号 | LMT编码 | 订货号 | LMT编码 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 加强型直柄 | | | | | | | | | | | | |
| M3 | 0.5 | 56 | 11 | 18 | 3.5 | 2.7 | 3 | 2.6 | 7465253 | TC–BM 3X0.5–6H+0.1–ET0–11 | – | – |
| M4 | 0.7 | 63 | 13 | 21 | 4.5 | 3.4 | 3 | 3.4 | 7465254 | TC–BM 4X0.7–6H+0.1–ET0–11 | – | – |
| M5 | 0.8 | 70 | 16 | 25 | 6 | 4.9 | 3 | 4.3 | 7465255 | TC–BM 5X0.8–6H+0.1–ET0–11 | – | – |
| M6 | 1 | 80 | 19 | 30 | 6 | 4.9 | 3 | 5.1 | 7465256 | TC–BM 6X1–6H+0.1–ET0–11 | – | – |
| M8 | 1.25 | 90 | 22 | 35 | 8 | 6.2 | 3 | 6.9 | 7465257 | TC–BM 8X1.25–6H+0.1–ET0–11 | – | – |
| M10 | 1.5 | 100 | 24 | 39 | 10 | 8 | 3 | 8.6 | 7465258 | TC–BM 10X1.5–6H+0.1–ET0–11 | – | – |
| 标准直柄 | | | | | | | | | | | | |
| M12 | 1.75 | 110 | 28 | – | 9 | 7 | 3 | 10.3 | – | – | 7465259 | TC–BM 12X1.75–6H+0.1–ET0–11 |
| M16 | 2 | 110 | 32 | – | 12 | 9 | 3 | 14.1 | – | – | 7465260 | TC–BM 16X2–6H+0.1–ET0–11 |

[1] 公差等级 6H+0.1

■ = 首选 □ = 次选

MF | EASY. | DIN 374 | h9 | 2–3×D | 45° | C 2–3 | 6HX | HSS-E | TiN



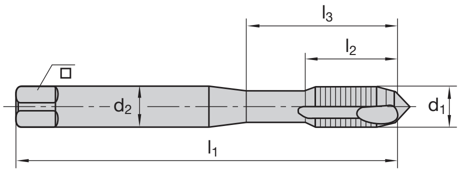

| 目录号 | | ET01 |
|---|---|---|
| P1 | 钢 < 500 N/mm² | ■ $v_c$ = 15–25 m/min |
| P2 | 钢 500–1000 N/mm² | ■ $v_c$ = 10–20 m/min |
| P3 | 钢 > 1000 N/mm² | ■ $v_c$ = 8–15 m/min |
| M1 | 奥氏体不锈钢 | ■ $v_c$ = 6–12 m/min |
| M2 | 马氏体不锈钢 | |
| K1 | 灰口铸铁 | |
| K2 | 球墨铸铁 | ■ $v_c$ = 8–20 m/min |
| N1 | 铝铜合金，长切屑，硅含量 < 5 % Si | ■ $v_c$ = 15–40 m/min |
| N2 | 铝铜合金，长切屑，硅含量 5 –10 % Si | ■ $v_c$ = 15–40 m/min |
| N3 | 铝铜合金，短切屑，硅含量 > 10 % Si | ■ $v_c$ = 10–30 m/min |
| N4 | 石墨 | |
| S1 | 中等强度钛合金 < 900 N/mm² | |
| S2 | 高强度钛合金 < 1300 N/mm² | |
| H1 | HRC冷拔钢和硬化钢（洛氏硬度45–55） | |

| $d_1$ | P | $l_1$ | $l_2$ | $d_2$ | □ h12 | z | | 订货号 | LMT编码 |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | 标准直柄 | |
| MF 2.5 | 0.35 | 50 | 9 | – | 1.8 | 2 | 2.15 | 7465439 | TC–CMF 2.5X0.35–6HX–ET45–11 |
| MF 2.6 | 0.35 | 50 | 9 | – | 1.8 | 2 | 2.25 | 7465440 | TC–CMF 2.6X0.35–6HX–ET45–11 |
| MF 3 | 0.35 | 56 | 4 | – | 2.2 | 3 | 2.65 | 7465441 | TC–CMF 3X0.35–6HX–ET45–11 |
| MF 3.5 | 0.35 | 56 | 4.8 | – | 2.5 | 3 | 3.15 | 7465442 | TC–CMF 3.5X0.35–6HX–ET45–11 |
| MF 4 | 0.35 | 63 | 5.6 | – | 2.8 | 3 | 3.65 | 7465443 | TC–CMF 4X0.35–6HX–ET45–11 |
| MF 4 | 0.5 | 63 | 5.6 | – | 2.8 | 3 | 3.5 | 7465444 | TC–CMF 4X0.5–6HX–ET45–11 |
| MF 4.5 | 0.5 | 70 | 6 | – | 3.5 | 3 | 4 | 7465445 | TC–CMF 4.5X0.5–6HX–ET45–11 |
| MF 5 | 0.5 | 70 | 6.4 | – | 3.5 | 3 | 4.5 | 7465446 | TC–CMF 5X0.5–6HX–ET45–11 |
| MF 6 | 0.5 | 80 | 8 | 4.5 | 3.4 | 3 | 5.5 | 7465447 | TC–CMF 6X0.5–6HX–ET45–11 |
| MF 6 | 0.75 | 80 | 8 | 4.5 | 3.4 | 3 | 5.25 | 7465448 | TC–CMF 6X0.75–6HX–ET45–11 |
| MF 6.5 | 0.75 | 80 | 8 | – | 5.5 | 3 | 5.75 | 7465449 | TC–CMF 6.5X0.75–6HX–ET45–11 |
| MF 8 | 0.75 | 80 | 8 | 6 | 4.9 | 3 | 6.5 | 7465451 | TC–CMF 8X0.75–6HX–ET45–11 |
| MF 8 | 1 | 90 | 10 | 6 | 4.9 | 3 | 7.25 | 7465452 | TC–CMF 8X1–6HX–ET45–11 |
| MF 10 | 1 | 90 | 10 | 7 | 5.5 | 3 | 7 | 7465455 | TC–CMF 10X1–6HX–ET45–11 |
| MF 10 | 1.25 | 100 | 12 | 7 | 5.5 | 3 | 8 | 7465456 | TC–CMF 10X1.25–6HX–ET45–11 |
| MF 12 | 1 | 100 | 12 | 9 | 7 | 3 | 11 | 7465460 | TC–CMF 12X1–6HX–ET45–11 |
| MF 12 | 1.25 | 100 | 12 | 9 | 7 | 3 | 10.75 | 7465461 | TC–CMF 12X1.25–6HX–ET45–11 |
| MF 12 | 1.5 | 100 | 14 | 9 | 7 | 3 | 10.5 | 7465462 | TC–CMF 12X1.5–6HX–ET45–11 |
| MF 14 | 1.5 | 100 | 16 | 11 | 9 | 3 | 12.5 | 7465464 | TC–CMF 14X1.5–6HX–ET45–11 |
| MF 16 | 1.5 | 100 | 16 | 12 | 9 | 3 | 14.5 | 7465465 | TC–CMF 16X1.5–6HX–ET45–11 |
| MF 18 | 1.5 | 110 | 16 | 14 | 11 | 4 | 16.5 | 7465467 | TC–CMF 18X1.5–6HX–ET45–11 |
| MF 20 | 1.5 | 125 | 16 | 16 | 12 | 4 | 18.5 | 7465468 | TC–CMF 20X1.5–6HX–ET45–11 |
| MF 22 | 1.5 | 125 | 16 | 18 | 14.5 | 4 | 20.5 | 7465469 | TC–CMF 22X1.5–6HX–ET45–11 |
| MF 24 | 1.5 | 140 | 16 | 18 | 14.5 | 4 | 22.5 | 7465470 | TC–CMF 24X1.5–6HX–ET45–11 |
| MF 26 | 1.5 | 140 | 24 | – | 18 | 4 | 24.5 | 7465471 | TC–CMF 26X1.5–6HX–ET45–11 |
| MF 30 | 1.5 | 150 | 36 | – | 22 | 4 | 28.5 | 7465472 | TC–CMF 30X1.5–6HX–ET45–11 |

注：可根据要求提供左旋螺纹丝锥（M8–M24）或加长丝锥（M8–M24）

■ = 首选　□ = 次选

MF | EASY. | DIN 374 | h9 | 3×D | 0° | B 3.5–5 | 6HX | HSS-E | TiN

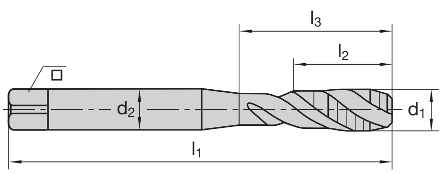



| 目录号 | | ET01 |
|---|---|---|
| P1 | 钢 < 500 N/mm² | ■ $v_c$ = 15–25 m/min |
| P2 | 钢 500–1000 N/mm² | ■ $v_c$ = 10–20 m/min |
| P3 | 钢 > 1000 N/mm² | ■ $v_c$ = 8–15 m/min |
| M1 | 奥氏体不锈钢 | ■ $v_c$ = 6–12 m/min |
| M2 | 马氏体不锈钢 | |
| K1 | 灰口铸铁 | |
| K2 | 球墨铸铁 | ■ $v_c$ = 8–20 m/min |
| N1 | 铝铜合金，长切屑，硅含量 < 5 % Si | ■ $v_c$ = 15–40 m/min |
| N2 | 铝铜合金，长切屑，硅含量 5 –10 % Si | ■ $v_c$ = 15–40 m/min |
| N3 | 铝铜合金，短切屑，硅含量 > 10 % Si | ■ $v_c$ = 10–30 m/min |
| N4 | 石墨 | |
| S1 | 中等强度钛合金 < 900 N/mm² | |
| S2 | 高强度钛合金 < 1300 N/mm² | |
| H1 | HRC冷拔钢和硬化钢（洛氏硬度45–55） | |

| $d_1$ | P | $l_1$ | $l_2$ | $d_2$ | □ h12 | z | | 订货号 | LMT编码 |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | 标准直柄 | |
| MF 2.5 | 0.35 | 50 | 9 | 1.8 | – | 2 | 2.15 | 7465390 | TC–BMF 2.5X0.35–6HX–ET0–11 |
| MF 2.6 | 0.35 | 50 | 9 | 1.8 | – | 2 | 2.25 | 7465391 | TC–BMF 2.6X0.35–6HX–ET0–11 |
| MF 3 | 0.35 | 56 | 8 | 2.2 | – | 3 | 2.65 | 7465392 | TC–BMF 3X0.35–6HX–ET0–11 |
| MF 3.5 | 0.35 | 56 | 9 | 2.5 | 2.1 | 3 | 3.15 | 7465393 | TC–BMF 3.5X0.35–6HX–ET0–11 |
| MF 4 | 0.35 | 63 | 10 | 2.8 | 2.1 | 3 | 3.65 | 7465394 | TC–BMF 4X0.35–6HX–ET0–11 |
| MF 4 | 0.5 | 63 | 10 | 2.8 | 2.1 | 3 | 3.5 | 7465395 | TC–BMF 4X0.5–6HX–ET0–11 |
| MF 4.5 | 0.5 | 70 | 12 | 3.5 | 2.7 | 3 | 4 | 7465396 | TC–BMF 4.5X0.5–6HX–ET0–11 |
| MF 5 | 0.5 | 70 | 16 | 3.5 | 2.7 | 3 | 4.5 | 7465397 | TC–BMF 5X0.5–6HX–ET0–11 |
| MF 6 | 0.5 | 80 | 14 | 4.5 | 3.4 | 3 | 5.5 | 7465398 | TC–BMF 6X0.5–6HX–ET0–11 |
| MF 6 | 0.75 | 80 | 14 | 4.5 | 3.4 | 3 | 5.25 | 7465399 | TC–BMF 6X0.75–6HX–ET0–11 |
| MF 6.5 | 0.75 | 80 | 14 | 5.5 | 4.3 | 3 | 5.75 | 7465400 | TC–BMF 6.5X0.75–6HX–ET0–11 |
| MF 8 | 0.75 | 80 | 22 | 6 | 4.9 | 3 | 7.25 | 7465402 | TC–BMF 8X0.75–6HX–ET0–11 |
| MF 8 | 1 | 90 | 22 | 6 | 4.9 | 3 | 7 | 7465403 | TC–BMF 8X1–6HX–ET0–11 |
| MF 10 | 1 | 90 | 20 | 7 | 5.5 | 3 | 9 | 7465406 | TC–BMF 10X1–6HX–ET0–11 |
| MF 10 | 1.25 | 100 | 24 | 7 | 5.5 | 3 | 8.75 | 7465407 | TC–BMF 10X1.25–6HX–ET0–11 |
| MF 12 | 1 | 100 | 22 | 9 | 7 | 3 | 11 | 7465411 | TC–BMF 12X1–6HX–ET0–11 |
| MF 12 | 1.25 | 100 | 22 | 9 | 7 | 3 | 10.75 | 7465412 | TC–BMF 12X1.25–6HX–ET0–11 |
| MF 12 | 1.5 | 100 | 22 | 9 | 7 | 3 | 10.5 | 7465413 | TC–BMF 12X1.5–6HX–ET0–11 |
| MF 14 | 1.5 | 100 | 22 | 11 | 9 | 3 | 12.5 | 7465415 | TC–BMF 14X1.5–6HX–ET0–11 |
| MF 16 | 1.5 | 100 | 22 | 12 | 9 | 3 | 14.5 | 7465416 | TC–BMF 16X1.5–6HX–ET0–11 |
| MF 18 | 1.5 | 110 | 25 | 14 | 11 | 3 | 16.5 | 7465418 | TC–BMF 18X1.5–6HX–ET0–11 |
| MF 20 | 1.5 | 125 | 25 | 16 | 12 | 3 | 18.5 | 7465419 | TC–BMF 20X1.5–6HX–ET0–11 |
| MF 22 | 1.5 | 125 | 25 | 18 | 14.5 | 3 | 20.5 | 7465420 | TC–BMF 22X1.5–6HX–ET0–11 |
| MF 24 | 1.5 | 140 | 28 | 18 | 14.5 | 3 | 22.5 | 7465421 | TC–BMF 24X1.5–6HX–ET0–11 |
| MF 26 | 1.5 | 140 | 28 | 18 | 14.5 | 4 | 24.5 | 7465422 | TC–BMF 26X1.5–6HX–ET0–11 |
| MF 30 | 1.5 | 150 | 28 | 22 | 18 | 4 | 28.5 | 7465423 | TC–BMF 30X1.5–6HX–ET0–11 |

注：可根据要求提供左旋螺纹丝锥（M8–M24）或加长丝锥（M8–M24）

■ = 首选　□ = 次选



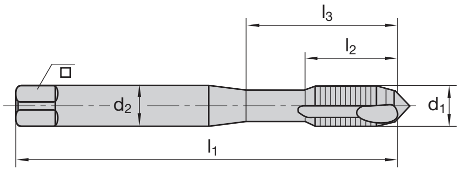

| 目录号 | | ET01 |
|---|---|---|
| P1 | 钢 < 500 N/mm² | ■ $v_c$ = 15–25 m/min |
| P2 | 钢 500–1000 N/mm² | ■ $v_c$ = 10–20 m/min |
| P3 | 钢 > 1000 N/mm² | ■ $v_c$ = 8–15 m/min |
| M1 | 奥氏体不锈钢 | ■ $v_c$ = 6–12 m/min |
| M2 | 马氏体不锈钢 | |
| K1 | 灰口铸铁 | |
| K2 | 球墨铸铁 | ■ $v_c$ = 8–20 m/min |
| N1 | 铝铜合金，长切屑，硅含量 < 5 % Si | ■ $v_c$ = 15–40 m/min |
| N2 | 铝铜合金，长切屑，硅含量 5 –10 % Si | ■ $v_c$ = 15–40 m/min |
| N3 | 铝铜合金，短切屑，硅含量 > 10 % Si | ■ $v_c$ = 10–30 m/min |
| N4 | 石墨 | |
| S1 | 中等强度钛合金 < 900 N/mm² | |
| S2 | 高强度钛合金 < 1300 N/mm² | |
| H1 | HRC冷拔钢和硬化钢（洛氏硬度45–55） | |

| $d_1$ | P | $l_1$ | $l_2$ | $l_3$ | $d_2$ | □ h12 | z | | 订货号 | LMT编码 |
|---|---|---|---|---|---|---|---|---|---|---|
| **加强型直柄** | | | | | | | | | | |
| UNC No. 2 | 56 | 45 | 3.6 | 11 | 2.8 | 2.1 | 2 | 1.85 | 7465559 | TC–CUNC #2–56X3.6–ET45–11 |
| UNC No. 3 | 48 | 50 | 3.6 | 13 | 2.8 | 2.1 | 2 | 2.1 | 7465560 | TC–CUNC #3–48X3.6–ET45–11 |
| UNC No. 4 | 40 | 56 | 5.1 | 18 | 3.5 | 2.7 | 2 | 2.35 | 7465561 | TC–CUNC #4–40X5.1–ET45–11 |
| UNC No. 5 | 40 | 56 | 5.1 | 18 | 3.5 | 2.7 | 2 | 2.65 | 7465562 | TC–CUNC #5–40X5.1–ET45–11 |
| UNC No. 6 | 32 | 56 | 6.4 | 20 | 4 | 3 | 2 | 2.85 | 7465563 | TC–CUNC #6–32X6.4–ET45–11 |
| UNC No. 8 | 32 | 63 | 6.4 | 21 | 4.5 | 3.4 | 2 | 3.5 | 7465564 | TC–CUNC #8–32X6.4–ET45–11 |
| UNC No. 10 | 24 | 70 | 8.5 | 25 | 6 | 4.9 | 2 | 3.9 | 7465565 | TC–CUNC #10–24X8.5–ET45–11 |
| UNC No. 12 | 24 | 80 | 8.5 | 30 | 6 | 4.9 | 2 | 4.5 | 7465566 | TC–CUNC #12–24X8.5–ET45–11 |
| UNC 1/4 | 20 | 80 | 10.2 | 30 | 7 | 5.5 | 2 | 5.2 | 7465567 | TC–CUNC 1/4–20X10.2–ET45–11 |
| UNC 5/16 | 18 | 90 | 11.3 | 35 | 8 | 6.2 | 3 | 6.6 | 7465568 | TC–CUNC 5/16–18X11.3–ET45–11 |
| UNC 3/8 | 16 | 100 | 12.7 | 39 | 10 | 8 | 3 | 8 | 7465569 | TC–CUNC 3/8–16X12.7–ET45–11 |
| **标准直柄** | | | | | | | | | | |
| UNC 1/2 | 13 | 110 | 15.6 | – | 9 | 7 | 3 | 10.8 | 7465570 | TC–CUNC 1/2–13X15.6–ET45–11 |
| UNC 5/8 | 11 | 110 | 18.5 | – | 12 | 9 | 3 | 13.5 | 7465571 | TC–CUNC 5/8–11X18.5–ET45–11 |
| UNC 3/4 | 10 | 125 | 25.4 | – | 14 | 11 | 4 | 16.5 | 7465572 | TC–CUNC 3/4–10X25.4–ET45–11 |
| UNC 7/8 | 9 | 140 | 28.2 | – | 18 | 14.5 | 4 | 19.5 | 7465573 | TC–CUNC 7/8–9X28.2–ET45–11 |
| UNC 1 | 8 | 160 | 31.8 | – | 18 | 14.5 | 4 | 22.25 | 7465574 | TC–CUNC 1–8X31.8–ET45–11 |

■ = 首选 □ = 次选

LMT TOOLS
BELIN FETTE KIENINGER ONSRUD

UNC | EASY. | h9 | 3×D | 0° | B 3,5–5 | 2BX | HSS-E | TiN

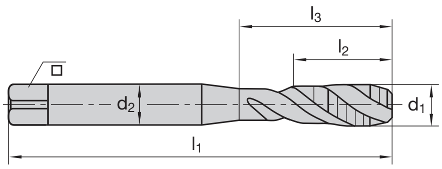



| 目录号 | | ET01 |
|---|---|---|
| P1 | 钢 < 500 N/mm² | ■ $v_c$ = 15–25 m/min |
| P2 | 钢 500–1000 N/mm² | ■ $v_c$ = 10–20 m/min |
| P3 | 钢 > 1000 N/mm² | ■ $v_c$ = 8–15 m/min |
| M1 | 奥氏体不锈钢 | ■ $v_c$ = 6–12 m/min |
| M2 | 马氏体不锈钢 | |
| K1 | 灰口铸铁 | |
| K2 | 球墨铸铁 | ■ $v_c$ = 8–20 m/min |
| N1 | 铝铜合金，长切屑，硅含量 < 5 % Si | ■ $v_c$ = 15–40 m/min |
| N2 | 铝铜合金，长切屑，硅含量 5 –10 % Si | ■ $v_c$ = 15–40 m/min |
| N3 | 铝铜合金，短切屑，硅含量 > 10 % Si | ■ $v_c$ = 10–30 m/min |
| N4 | 石墨 | |
| S1 | 中等强度钛合金 < 900 N/mm² | |
| S2 | 高强度钛合金 < 1300 N/mm² | |
| H1 | HRC冷拔钢和硬化钢（洛氏硬度45–55） | |

| $d_1$ | P | $l_1$ | $l_2$ | $l_3$ | $d_2$ | □ h12 | z | | 订货号 | LMT编码 |
|---|---|---|---|---|---|---|---|---|---|---|
| 加强型直柄 | | | | | | | | | | |
| UNC No. 2 | 56 | 45 | 9 | – | 2.8 | 2.1 | 2 | 1.85 | 7465544 | TC–BUNC #2–56X9–ET0–11 |
| UNC No. 4 | 40 | 56 | 11 | 18 | 3.5 | 2.7 | 2 | 2.35 | 7465545 | TC–BUNC #4–40X11–ET0–11 |
| UNC No. 5 | 40 | 56 | 11 | 18 | 3.5 | 2.7 | 3 | 2.65 | 7465546 | TC–BUNC #5–40X11–ET0–11 |
| UNC No. 6 | 32 | 56 | 12 | 20 | 4 | 3 | 3 | 2.85 | 7465547 | TC–BUNC #6–32X12–ET0–11 |
| UNC No. 8 | 32 | 63 | 13 | 21 | 4.5 | 3.4 | 3 | 3.5 | 7465548 | TC–BUNC #8–32X13–ET0–11 |
| UNC No. 10 | 24 | 70 | 16 | 25 | 6 | 4.9 | 3 | 3.9 | 7465549 | TC–BUNC #10–24X16–ET0–11 |
| UNC No. 12 | 24 | 80 | 17 | 30 | 6 | 4.9 | 3 | 4.5 | 7465550 | TC–BUNC #12–24X17–ET0–11 |
| UNC 1/4 | 20 | 80 | 19 | 30 | 7 | 5.5 | 3 | 5.2 | 7465551 | TC–BUNC 1/4–20X19–ET0–11 |
| UNC 5/16 | 18 | 90 | 22 | 35 | 8 | 6.2 | 3 | 6.6 | 7465552 | TC–BUNC 5/16–18X22–ET0–11 |
| UNC 3/8 | 16 | 100 | 24 | 39 | 10 | 8 | 3 | 8 | 7465553 | TC–BUNC 3/8–16X24–ET0–11 |
| 标准直柄 | | | | | | | | | | |
| UNC 1/2 | 13 | 110 | 28 | – | 9 | 7 | 3 | 10.8 | 7465554 | TC–BUNC 1/2–13X28–ET0–11 |
| UNC 5/8 | 11 | 110 | 32 | – | 12 | 9 | 3 | 13.5 | 7465555 | TC–BUNC 5/8–11X32–ET0–11 |
| UNC 3/4 | 10 | 125 | 34 | – | 14 | 11 | 3 | 16.5 | 7465556 | TC–BUNC 3/4–10X34–ET0–11 |
| UNC 7/8 | 9 | 140 | 34 | – | 18 | 14.5 | 3 | 19.5 | 7465557 | TC–BUNC 7/8–9X34–ET0–11 |
| UNC 1 | 8 | 160 | 38 | – | 18 | 14.5 | 3 | 22.25 | 7465558 | TC–BUNC 1–8X38–ET0–11 |

■ = 首选 □ = 次选

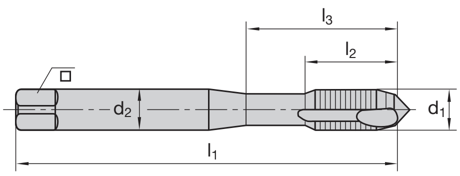
LMT·TOOLS
BELIN FETTE KIENINGER ONSRUD


| 目录号 | | ET01 |
|---|---|---|
| P1 | 钢 < 500 N/mm² | ■ $v_c$ = 15–25 m/min |
| P2 | 钢 500–1000 N/mm² | ■ $v_c$ = 10–20 m/min |
| P3 | 钢 > 1000 N/mm² | ■ $v_c$ = 8–15 m/min |
| M1 | 奥氏体不锈钢 | ■ $v_c$ = 6–12 m/min |
| M2 | 马氏体不锈钢 | |
| K1 | 灰口铸铁 | |
| K2 | 球墨铸铁 | ■ $v_c$ = 8–20 m/min |
| N1 | 铝铜合金，长切屑，硅含量 < 5 % Si | ■ $v_c$ = 15–40 m/min |
| N2 | 铝铜合金，长切屑，硅含量 5 –10 % Si | ■ $v_c$ = 15–40 m/min |
| N3 | 铝铜合金，短切屑，硅含量 > 10 % Si | ■ $v_c$ = 10–30 m/min |
| N4 | 石墨 | |
| S1 | 中等强度钛合金 < 900 N/mm² | |
| S2 | 高强度钛合金 < 1300 N/mm² | |
| H1 | HRC冷拔钢和硬化钢（洛氏硬度45–55） | |

| $d_1$ | P | $l_1$ | $l_2$ | $l_3$ | $d_2$ | □ h12 | z | | 订货号 | LMT编码 |
|---|---|---|---|---|---|---|---|---|---|---|
| **加强型直柄** | | | | | | | | | | |
| UNF No. 2 | 64 | 45 | 3.6 | 11 | 2.8 | 2.1 | 2 | 1.85 | 7465592 | TC–CUNF #2–64X3.6–ET45–11 |
| UNF No. 3 | 56 | 50 | 3.6 | 13 | 2.8 | 2.1 | 2 | 2.15 | 7465593 | TC–CUNF #3–56X3.6–ET45–11 |
| UNF No. 4 | 48 | 56 | 5.1 | 18 | 3.5 | 2.7 | 2 | 2.4 | 7465594 | TC–CUNF #4–48X5.1–ET45–11 |
| UNF No. 5 | 44 | 56 | 5.1 | 18 | 3.5 | 2.7 | 2 | 2.7 | 7465595 | TC–CUNF #5–44X5.1–ET45–11 |
| UNF No. 6 | 40 | 56 | 6.4 | 20 | 4 | 3 | 2 | 2.95 | 7465596 | TC–CUNF #6–40X6.4–ET45–11 |
| UNF No. 8 | 36 | 63 | 6.4 | 21 | 4.5 | 3.4 | 2 | 3.5 | 7465597 | TC–CUNF #8–36X6.4–ET45–11 |
| UNF No. 10 | 32 | 70 | 8.5 | 25 | 6 | 4.9 | 2 | 4.1 | 7465598 | TC–CUNF #10–32X8.5–ET45–11 |
| UNF No. 12 | 28 | 80 | 8.5 | 30 | 6 | 4.9 | 2 | 4.6 | 7465599 | TC–CUNF #12–28X8.5–ET45–11 |
| UNF 1/4 | 28 | 80 | 10.2 | 30 | 7 | 5.5 | 2 | 5.5 | 7465600 | TC–CUNF 1/4–28X10.2–ET45–11 |
| UNF 5/16 | 24 | 90 | 11.3 | 35 | 8 | 6.2 | 3 | 6.9 | 7465601 | TC–CUNF 5/16–24X11.3–ET45–11 |
| UNF 3/8 | 24 | 90 | 12.7 | 35 | 10 | 8 | 3 | 8.5 | 7465602 | TC–CUNF 3/8–24X12.7–ET45–11 |
| UNF 7/16 | 20 | 100 | 14.5 | – | 8 | 6.2 | 3 | 9.9 | 7465603 | TC–CUNF 7/16–20X14.5–ET45–11 |
| **标准直柄** | | | | | | | | | | |
| UNF 1/2 | 20 | 100 | 15.6 | – | 9 | 7 | 3 | 11.5 | 7465604 | TC–CUNF 1/2–20X15.6–ET45–11 |
| UNF 9/16 | 18 | 100 | 16.9 | – | 11 | 9 | 3 | 12.9 | 7465605 | TC–CUNF 9/16–18X16.9–ET45–11 |
| UNF 5/8 | 18 | 100 | 18.5 | – | 12 | 9 | 3 | 14.5 | 7465606 | TC–CUNF 5/8–18X18.5–ET45–11 |
| UNF 3/4 | 16 | 110 | 25.4 | – | 14 | 11 | 4 | 17.5 | 7465607 | TC–CUNF 3/4–16X25.4–ET45–11 |
| UNF 7/8 | 14 | 125 | 28.2 | – | 18 | 14.5 | 4 | 20.4 | 7465608 | TC–CUNF 7/8–14X28.2–ET45–11 |
| UNF 1 | 12 | 140 | 31.8 | – | 18 | 14.5 | 4 | 23.25 | 7465609 | TC–CUNF 1–12X31.8–ET45–11 |

■ = 首选 □ = 次选

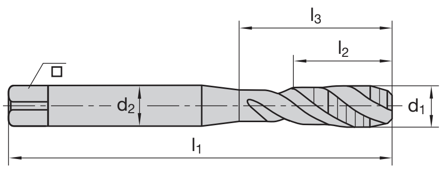

| 目录号 | | ET01 |
|---|---|---|
| P1 | 钢 < 500 N/mm² | ■ $v_c$ = 15–25 m/min |
| P2 | 钢 500–1000 N/mm² | ■ $v_c$ = 10–20 m/min |
| P3 | 钢 > 1000 N/mm² | ■ $v_c$ = 8–15 m/min |
| M1 | 奥氏体不锈钢 | ■ $v_c$ = 6–12 m/min |
| M2 | 马氏体不锈钢 | |
| K1 | 灰口铸铁 | |
| K2 | 球墨铸铁 | ■ $v_c$ = 8–20 m/min |
| N1 | 铝铜合金，长切屑，硅含量 < 5 % Si | ■ $v_c$ = 15–40 m/min |
| N2 | 铝铜合金，长切屑，硅含量 5 –10 % Si | ■ $v_c$ = 15–40 m/min |
| N3 | 铝铜合金，短切屑，硅含量 > 10 % Si | ■ $v_c$ = 10–30 m/min |
| N4 | 石墨 | |
| S1 | 中等强度钛合金 < 900 N/mm² | |
| S2 | 高强度钛合金 < 1300 N/mm² | |
| H1 | HRC冷拔钢和硬化钢（洛氏硬度45–55） | |

| $d_1$ | P | $l_1$ | $l_2$ | $l_3$ | $d_2$ | □ h12 | z | | 订货号 | LMT编码 |
|---|---|---|---|---|---|---|---|---|---|---|
| **加强型直柄** | | | | | | | | | | |
| UNF No. 2 | 64 | 45 | 9 | – | 2.8 | 2.1 | 2 | 1.85 | 7465575 | TC–BUNF #2–64X9–ET0–11 |
| UNF No. 3 | 56 | 50 | 9 | – | 2.8 | 2.1 | 2 | 2.15 | 7465576 | TC–BUNF #3–56X9–ET0–11 |
| UNF No. 4 | 48 | 56 | 11 | 18 | 3.5 | 2.7 | 2 | 2.4 | 7465577 | TC–BUNF #4–48X11–ET0–11 |
| UNF No. 5 | 44 | 56 | 11 | 18 | 3.5 | 2.7 | 3 | 2.7 | 7465578 | TC–BUNF #5–44X11–ET0–11 |
| UNF No. 6 | 40 | 56 | 12 | 20 | 4 | 3 | 3 | 2.95 | 7465579 | TC–BUNF #6–40X12–ET0–11 |
| UNF No. 8 | 36 | 63 | 13 | 21 | 4.5 | 3.4 | 3 | 3.5 | 7465580 | TC–BUNF #8–36X13–ET0–11 |
| UNF No. 10 | 32 | 70 | 16 | 25 | 6 | 4.9 | 3 | 4.1 | 7465581 | TC–BUNF #10–32X16–ET0–11 |
| UNF 1/4 | 28 | 80 | 19 | 30 | 7 | 5.5 | 3 | 5.5 | 7465582 | TC–BUNF 1/4–28X19–ET0–11 |
| UNF 5/16 | 24 | 90 | 22 | 35 | 8 | 6.2 | 3 | 6.9 | 7465583 | TC–BUNF 5/16–24X22–ET0–11 |
| UNF 3/8 | 24 | 90 | 20 | 35 | 10 | 8 | 3 | 8.5 | 7465584 | TC–BUNF 3/8–24X20–ET0–11 |
| UNF 7/16 | 20 | 100 | 24 | – | 8 | 6.2 | 3 | 9.9 | 7465585 | TC–BUNF 7/16–20X24–ET0–11 |
| **标准直柄** | | | | | | | | | | |
| UNF 1/2 | 20 | 100 | 22 | – | 9 | 7 | 3 | 11.5 | 7465586 | TC–BUNF 1/2–20X22–ET0–11 |
| UNF 9/16 | 18 | 100 | 22 | – | 11 | 9 | 3 | 12.9 | 7465587 | TC–BUNF 9/16–18X22–ET0–11 |
| UNF 5/8 | 18 | 100 | 22 | – | 12 | 9 | 3 | 14.5 | 7465588 | TC–BUNF 5/8–18X22–ET0–11 |
| UNF 3/4 | 16 | 110 | 25 | – | 14 | 11 | 3 | 17.5 | 7465589 | TC–BUNF 3/4–16X25–ET0–11 |
| UNF 7/8 | 14 | 125 | 25 | – | 18 | 14.5 | 3 | 20.4 | 7465590 | TC–BUNF 7/8–14X25–ET0–11 |
| UNF 1 | 12 | 140 | 28 | – | 18 | 14.5 | 3 | 23.25 | 7465591 | TC–BUNF 1–12X28–ET0–11 |

■ = 首选 □ = 次选

LMT·TOOLS
BELIN FETTE KIENINGER ONSRUD

G | EASY. | DIN 5156 | h9 | 2–3×D | 45° | C 2–3 | HSS-E | TiN




| 目录号 | | ET01 |
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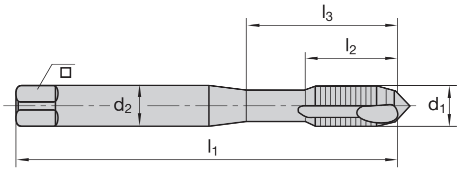
| P2 | 钢 500–1000 N/mm² | ■ $v_c$ = 10–20 m/min |
| P3 | 钢 > 1000 N/mm² | ■ $v_c$ = 8–15 m/min |
| M1 | 奥氏体不锈钢 | ■ $v_c$ = 6–12 m/min |
| M2 | 马氏体不锈钢 | |
| K1 | 灰口铸铁 | |
| K2 | 球墨铸铁 | ■ $v_c$ = 8–20 m/min |
| N1 | 铝铜合金，长切屑，硅含量 < 5 % Si | ■ $v_c$ = 15–40 m/min |
| N2 | 铝铜合金，长切屑，硅含量 5 –10 % Si | ■ $v_c$ = 15–40 m/min |
| N3 | 铝铜合金，短切屑，硅含量 > 10 % Si | ■ $v_c$ = 10–30 m/min |
| N4 | 石墨 | |
| S1 | 中等强度钛合金 < 900 N/mm² | |
| S2 | 高强度钛合金 < 1300 N/mm² | |
| H1 | HRC冷拔钢和硬化钢（洛氏硬度45–55） | |

| $d_1$ | P | $l_1$ | $l_2$ | $d_2$ | □ h12 | z | | 订货号 | LMT编码 |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | 标准直柄 | |
| G 1/16 | 28 | 90 | 9.1 | 6 | 4.9 | 3 | 6.8 | 7465524 | TC–CG 1/16X9.1–ET45–11 |
| G 1/8 | 28 | 90 | 9.1 | 7 | 5.5 | 3 | 8.8 | 7465525 | TC–CG 1/8X9.1–ET45–11 |
| G 1/4 | 19 | 100 | 13.4 | 11 | 9 | 3 | 11.8 | 7465526 | TC–CG 1/4X13.4–ET45–11 |
| G 3/8 | 19 | 100 | 13.4 | 12 | 9 | 4 | 15.25 | 7465527 | TC–CG 3/8X13.4–ET45–11 |
| G 1/2 | 14 | 125 | 18.2 | 16 | 12 | 4 | 19 | 7465528 | TC–CG 1/2X18.2–ET45–11 |
| G 5/8 | 14 | 125 | 18.2 | 18 | 14.5 | 4 | 21 | 7465529 | TC–CG 5/8X18.2–ET45–11 |
| G 3/4 | 14 | 140 | 28 | 20 | 16 | 4 | 24.5 | 7465530 | TC–CG 3/4X28–ET45–11 |
| G 1 | 11 | 160 | 30 | 25 | 20 | 4 | 30.75 | 7465531 | TC–CG 1X30–ET45–11 |

注：可根据要求提供加长丝锥（G 1/8–G 1）

■ = 首选　□ = 次选

G | EASY. | DIN 5156 | h9 | 3×D | 0° | B 3.5–5 | HSS-E | TiN



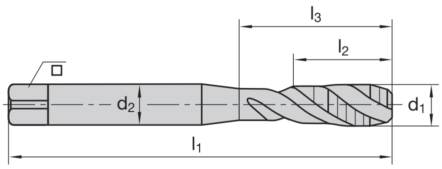

| 目录号 | | ET01 |
|---|---|---|
| P1 | 钢 < 500 N/mm² | ■ $v_c$ = 15–25 m/min |
| P2 | 钢 500–1000 N/mm² | ■ $v_c$ = 10–20 m/min |
| P3 | 钢 > 1000 N/mm² | ■ $v_c$ = 8–15 m/min |
| M1 | 奥氏体不锈钢 | ■ $v_c$ = 6–12 m/min |
| M2 | 马氏体不锈钢 | |
| K1 | 灰口铸铁 | |
| K2 | 球墨铸铁 | ■ $v_c$ = 8–20 m/min |
| N1 | 铝铜合金，长切屑，硅含量 < 5 % Si | ■ $v_c$ = 15–40 m/min |
| N2 | 铝铜合金，长切屑，硅含量 5 –10 % Si | ■ $v_c$ = 15–40 m/min |
| N3 | 铝铜合金，短切屑，硅含量 > 10 % Si | ■ $v_c$ = 10–30 m/min |
| N4 | 石墨 | |
| S1 | 中等强度钛合金 < 900 N/mm² | |
| S2 | 高强度钛合金 < 1300 N/mm² | |
| H1 | HRC冷拔钢和硬化钢（洛氏硬度45–55） | |

| $d_1$ | P | $l_1$ | $l_2$ | $d_2$ | □ h12 | z | | 订货号 | LMT编码 |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | 标准直柄 | |
| G 1/16 | 28 | 90 | 20 | 6 | 4.9 | 3 | 6.8 | 7465510 | TC–BG 1/16X20–ET0–11 |
| G 1/8 | 28 | 90 | 20 | 7 | 5.5 | 3 | 8.8 | 7465511 | TC–BG 1/8X20–ET0–11 |
| G 1/4 | 19 | 100 | 22 | 11 | 9 | 3 | 11.8 | 7465512 | TC–BG 1/4X22–ET0–11 |
| G 3/8 | 19 | 100 | 22 | 12 | 9 | 3 | 15.25 | 7465513 | TC–BG 3/8X22–ET0–11 |
| G 1/2 | 14 | 125 | 25 | 16 | 12 | 3 | 19 | 7465514 | TC–BG 1/2X25–ET0–11 |
| G 5/8 | 14 | 125 | 25 | 18 | 14.5 | 3 | 21 | 7465515 | TC–BG 5/8X25–ET0–11 |
| G 3/4 | 14 | 140 | 28 | 20 | 16 | 4 | 24.5 | 7465516 | TC–BG 3/4X28–ET0–11 |
| G 1 | 11 | 160 | 30 | 25 | 20 | 4 | 30.75 | 7465517 | TC–BG 1X30–ET0–11 |

注：可根据要求提供加长丝锥（G 1/8–G 1）

■ = 首选　□ = 次选

EGM[1) EASY h9 2–3×D 45° E 1.5–2 6HX mod HSS-E TiN

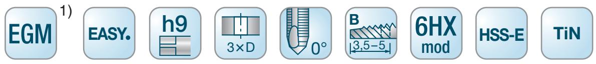


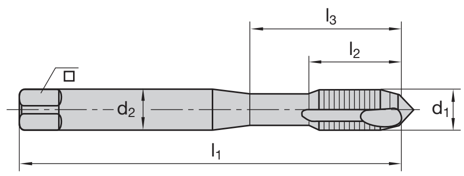

| 目录号 | | ET01 |
|---|---|---|
| P1 | 钢 < 500 N/mm² | ■ $v_c$ = 15–25 m/min |
| P2 | 钢 500–1000 N/mm² | ■ $v_c$ = 10–20 m/min |
| P3 | 钢 > 1000 N/mm² | ■ $v_c$ = 8–15 m/min |
| M1 | 奥氏体不锈钢 | ■ $v_c$ = 6–12 m/min |
| M2 | 马氏体不锈钢 | |
| K1 | 灰口铸铁 | |
| K2 | 球墨铸铁 | ■ $v_c$ = 8–20 m/min |
| N1 | 铝铜合金，长切屑，硅含量 < 5 % Si | ■ $v_c$ = 15–40 m/min |
| N2 | 铝铜合金，长切屑，硅含量 5 –10 % Si | ■ $v_c$ = 15–40 m/min |
| N3 | 铝铜合金，短切屑，硅含量 > 10 % Si | ■ $v_c$ = 10–30 m/min |
| N4 | 石墨 | |
| S1 | 中等强度钛合金 < 900 N/mm² | |
| S2 | 高强度钛合金 < 1300 N/mm² | |
| H1 | HRC冷拔钢和硬化钢（洛氏硬度45–55） | |

| $d_1$ | P | $l_1$ | $l_2$ | $l_3$ | $d_2$ | □ h12 | z | | 订货号 | LMT编码 |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | **加强型直柄** | |
| EG M 2 | 0.4 | 50 | 4.5 | 13 | 2.8 | 2.1 | 2 | 2.1 | 7465499 | TC–EEGM 2.52X0.4–6HX |
| EG M 2.5 | 0.45 | 56 | 5 | 18 | 3.5 | 2.7 | 3 | 2.65 | 7465500 | TC–EEGM 3.085X0.45–6HX |
| EG M 3 | 0.5 | 63 | 5 | 21 | 4.5 | 3.4 | 3 | 3.15 | 7465501 | TC–EEGM 3.65X0.5–6HX |
| EG M 4 | 0.7 | 70 | 7 | 25 | 6 | 4.9 | 3 | 4.2 | 7465502 | TC–EEGM 4.909X0.7–6HX |
| EG M 5 | 0.8 | 80 | 8 | 30 | 6 | 4.9 | 3 | 5.25 | 7465503 | TC–EEGM 6.039X0.8–6HX |
| EG M 6 | 1 | 90 | 10 | 35 | 8 | 6.2 | 3 | 6.3 | 7465504 | TC–EEGM 7.299X1–6HX |
| EG M 8 | 1.25 | 100 | 13 | 39 | 10 | 8 | 3 | 8.4 | 7465505 | TC–EEGM 9.624X1.25–6HX |
| | | | | | | | | | **标准直柄** | |
| EG M10 | 1.5 | 100 | 15 | – | 9 | 7 | 3 | 10.5 | 7465506 | TC–EEGM 11.949X1.5–6HX |
| EG M12 | 1.75 | 110 | 18 | – | 11 | 9 | 3 | 12.5 | 7465507 | TC–EEGM 14.273X1.75–6HX |
| EG M16 | 2 | 125 | 20 | – | 14 | 11 | 4 | 16.5 | 7465508 | TC–EEGM 18.598X2–6HX |
| EG M20 | 2.5 | 160 | 25 | – | 18 | 14.5 | 4 | 20.5 | 7465509 | TC–EEGM 23.248X2.5–6HX |

[1) 适用于公制钢丝螺套螺纹

■ = 首选 □ = 次选




| 目录号 | | ET01 |
|---|---|---|
| P1 | 钢 < 500 $N/mm^2$ | ■ $v_c$ = 15–25 m/min |
| P2 | 钢 500–1000 $N/mm^2$ | ■ $v_c$ = 10–20 m/min |
| P3 | 钢 > 1000 $N/mm^2$ | ■ $v_c$ = 8–15 m/min |
| M1 | 奥氏体不锈钢 | ■ $v_c$ = 6–12 m/min |
| M2 | 马氏体不锈钢 | |
| K1 | 灰口铸铁 | |
| K2 | 球墨铸铁 | ■ $v_c$ = 8–20 m/min |
| N1 | 铝铜合金，长切屑，硅含量 < 5 % Si | ■ $v_c$ = 15–40 m/min |
| N2 | 铝铜合金，长切屑，硅含量 5 –10 % Si | ■ $v_c$ = 15–40 m/min |
| N3 | 铝铜合金，短切屑，硅含量 > 10 % Si | ■ $v_c$ = 10–30 m/min |
| N4 | 石墨 | |
| S1 | 中等强度钛合金 < 900 $N/mm^2$ | |
| S2 | 高强度钛合金 < 1300 $N/mm^2$ | |
| H1 | HRC冷拔钢和硬化钢（洛氏硬度45–55） | |

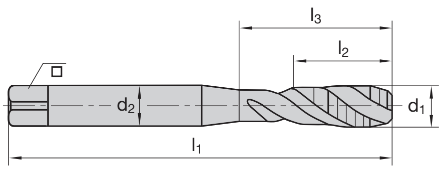
| $d_1$ | P | $l_1$ | $l_2$ | $l_3$ | $d_2$ | □ h12 | z | | 订货号 | LMT编码 |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | **加强型直柄** | |
| EG M 2 | 0.4 | 50 | 9 | – | 2.8 | 2.1 | 2 | 2.1 | 7465488 | TC–BEGM 2.52X0.4–6HX |
| EG M 2.5 | 0.45 | 56 | 11 | 18 | 3.5 | 2.7 | 3 | 2.65 | 7465489 | TC–BEGM 3.085X0.45–6HX |
| EG M 3 | 0.5 | 63 | 13 | 21 | 4.5 | 3.4 | 3 | 3.15 | 7465490 | TC–BEGM 3.65X0.5–6HX |
| EG M 4 | 0.7 | 70 | 16 | 25 | 6 | 4.9 | 3 | 4.2 | 7465491 | TC–BEGM 4.909X0.7–6HX |
| EG M 5 | 0.8 | 80 | 19 | 30 | 6 | 4.9 | 3 | 5.25 | 7465492 | TC–BEGM 6.039X0.8–6HX |
| EG M 6 | 1 | 90 | 22 | 35 | 8 | 6.2 | 3 | 6.3 | 7465493 | TC–BEGM 7.299X1–6HX |
| EG M 8 | 1.25 | 100 | 24 | 39 | 10 | 8 | 3 | 8.4 | 7465494 | TC–BEGM 9.624X1.25–6HX |
| | | | | | | | | | **标准直柄** | |
| EG M10 | 1.5 | 100 | 29 | – | 9 | 7 | 3 | 10.5 | 7465495 | TC–BEGM 11.949X1.5–6HX |
| EG M12 | 1.75 | 110 | 30 | – | 11 | 9 | 3 | 12.5 | 7465496 | TC–BEGM 14.273X1.75–6HX |
| EG M16 | 2 | 125 | 34 | – | 14 | 11 | 3 | 16.5 | 7465497 | TC–BEGM 18.598X2–6HX |
| EG M20 | 2.5 | 160 | 34 | – | 18 | 14.5 | 3 | 20.5 | 7465498 | TC–BEGM 23.248X2.5–6HX |

1) 适用于公制钢丝螺套螺纹

■ = 首选 □ = 次选

LMT TOOLS
BELIN FETTE KIENINGER ONSRUD

NPT | EASY. | DIN 5156 | h9 | 2–3×D | 40° | C 2–3 | HSS-E | TiN




| 目录号 | | ET01 |
|---|---|---|
| P1 | 钢 < 500 N/mm² | ■ $v_c$ = 1525 m/min |
| P2 | 钢 500–1000 N/mm² | ■ $v_c$ = 1020 m/min |
| P3 | 钢 > 1000 N/mm² | ■ $v_c$ = 815 m/min |
| M1 | 奥氏体不锈钢 | ■ $v_c$ = 612 m/min |
| M2 | 马氏体不锈钢 | |
| K1 | 灰口铸铁 | |
| K2 | 球墨铸铁 | ■ $v_c$ = 820 m/min |
| N1 | 铝铜合金，长切屑，硅含量 < 5 % Si | ■ $v_c$ = 1540 m/min |
| N2 | 铝铜合金，长切屑，硅含量 5 –10 % Si | ■ $v_c$ = 1540 m/min |
| N3 | 铝铜合金，短切屑，硅含量 > 10 % Si | ■ $v_c$ = 1030 m/min |
| N4 | 石墨 | |
| S1 | 中等强度钛合金 < 900 N/mm² | |
| S2 | 高强度钛合金 < 1300 N/mm² | |
| H1 | HRC冷拔钢和硬化钢（洛氏硬度45–55） | |

| $d_1$ | P | $l_1$ | $l_2$ | $d_2$ | □ h12 | z | | 订货号 | LMT编码 |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | 标准直柄 | |
| NPT 1/16 | 27 | 90 | 18 | 6 | 4.9 | 3 | 6.4 | 7465610 | TC–CNPT 1/16X18–ET40–11 |
| NPT 1/8 | 27 | 90 | 19 | 7 | 5.5 | 3 | 8.7 | 7465611 | TC–CNPT 1/8X19–ET40–11 |
| NPT 1/4 | 18 | 100 | 28 | 11 | 9 | 3 | 11.4 | 7465612 | TC–CNPT 1/4X28–ET40–11 |
| NPT 3/8 | 18 | 100 | 28 | 12 | 9 | 4 | 14.7 | 7465613 | TC–CNPT 3/8X28–ET40–11 |
| NPT 1/2 | 14 | 125 | 35 | 16 | 12 | 4 | 18.3 | 7465614 | TC–CNPT 1/2X35–ET40–11 |
| NPT 3/4 | 14 | 140 | 35 | 20 | 16 | 4 | 23.7 | 7465615 | TC–CNPT 3/4X35–ET40–11 |
| NPT 1 | 11.5 | 160 | 45 | 25 | 20 | 4 | 29.7 | 7465616 | TC–CNPT 1X45–ET40–11 |

■ = 首选 □ = 次选

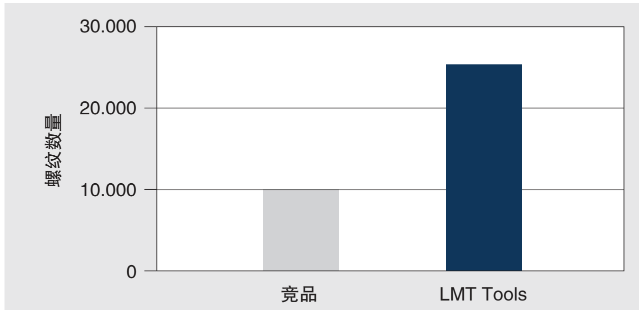
**部件：锁紧螺母**

**刀具：**
EASYTap, 盲孔螺纹 M12
TC–CM 12X1.75–6HX–ET45–11, 订货号 7465308

**材料：**
马氏体不锈钢, 1.4104 / X14CrMoS17,
$R_m$ = 730 N/mm

**切削参数：**
$v_c$ = 12 m/min

**更多详情：**
螺纹深度：12 mm，冷却：浓度8%的乳化液



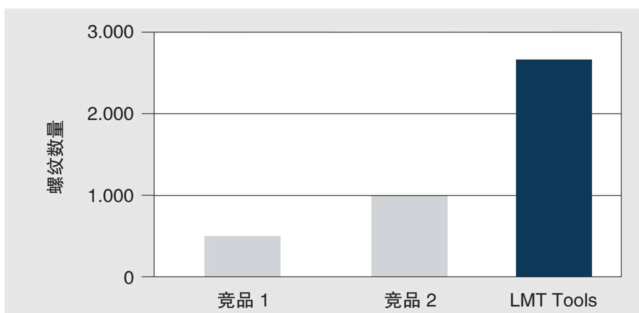

**部件：通用样件**

**刀具：**
EASYTap, 通孔M12
TC–BM 12X1.75–6HX–ET0–11, 订货号 7465217

**材料：**
奥氏体不锈钢, 1.4404 / X2CrNiMo17–12–2,
$R_m$ = 700 N/mm

**切削参数：**
$v_c$ = 15 m/min

**更多详情：**
螺纹深度：20 mm，冷却：浓度8%的乳化液

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