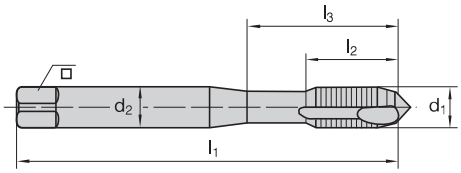
M | EASY. | h9 | 3×D | 0° | B 3,5–5 | 6GX | HSS-E | TiN | DIN 371 | DIN 376



| Cat.-No. | | ET01 | ET01 |
|---|---|---|---|
| P1 | Steel < 500 N/mm² | ■ $v_c$ = 15–25 m/min | ■ $v_c$ = 15–25 m/min |
| P2 | Steel 500–1000 N/mm² | ■ $v_c$ = 10–20 m/min | ■ $v_c$ = 10–20 m/min |
| P3 | Steel > 1000 N/mm² | ■ $v_c$ = 8–15 m/min | ■ $v_c$ = 8–15 m/min |
| M1 | Stainless steel austenitic | ■ $v_c$ = 6–12 m/min | ■ $v_c$ = 6–12 m/min |
| M2 | Stainless steel martensitic | | |
| K1 | Grey cast iron | | |
| K2 | Nodular cast iron | ■ $v_c$ = 8–20 m/min | ■ $v_c$ = 8–20 m/min |
| N1 | Alu- & Copper alloys long chipping < 5 % Si | ■ $v_c$ = 15–40 m/min | ■ $v_c$ = 15–40 m/min |
| N2 | Alu- & Copper alloys long chipping 5–10 % Si | ■ $v_c$ = 15–40 m/min | ■ $v_c$ = 15–40 m/min |
| N3 | Alu- & Copper alloys short chipping > 10 % Si | ■ $v_c$ = 10–30 m/min | ■ $v_c$ = 10–30 m/min |
| N4 | Graphite | | |
| S1 | Titanium alloys medium strength < 900 N/mm² | | |
| S2 | Titanium alloys high strength < 1300 N/mm² | | |
| H1 | Chilled steel and Hardened steel 45–55 HRC | | |

| $d_1$ | P | $l_1$ | $l_2$ | $l_3$ | $d_2$ | □ h12 | z | | Ident No. | LMT-Code | Ident No. | LMT-Code |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **with reinforced straight shank** | | | | | | | | | | | | |
| 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 | – | – |
| **with standard straight shank** | | | | | | | | | | | | |
| 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 |

■ = First choice □ = Second choice