



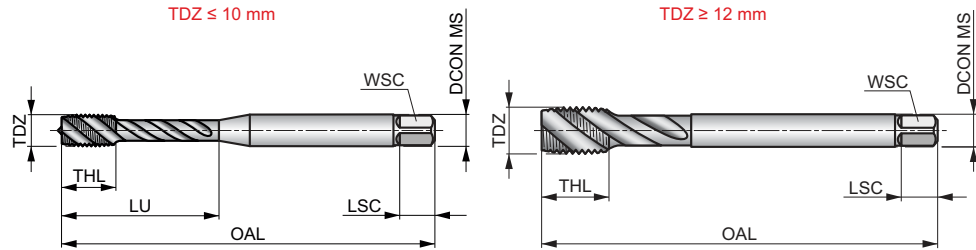
EX006H



HSS-E-PM 45° Spiral Flute Tap, Metric, DIN Standard

Machine tap to produce normal fit threads within 6H tolerance. The spiral flute is suited for blind holes. Bright finish to produce more accurate and cleaner threads preventing the workpiece material from sticking to the cutting edges.

| | | |
|----------|----------------|-------------|
| | DIN 371/376 | 6H |
| | 2.5×D | HSS-E PM |
| C 2-3 | | λ 45° |
| | Bright | |



Workpiece material group suitability and starting values for cutting speed (m/min).

| | | | | | | | | | | | | | |
|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|--------------------|--------------------|---------------------|--------------------|--------------------|---------------------|---------------------|
| P1.1 ■ 21 | P1.2 ■ 23 | P1.3 ■ 24 | P2.1 ■ 17 | P2.2 ■ 15 | P2.3 ▧ 13 | P3.1 ■ 12 | P3.2 ▧ 9 | P4.1 ▧ 7 | N1.1 ■ 13 | N1.2 ■ 9 | N1.3 ■ 6 | N2.1 ■ 27 | N2.2 ■ 24 |
| N2.3 ■ 17 | | | | | | | | | | | | | |

Products from this series are also available in set with drills. Please see L114 or L001.

| Product | TDZ | TP | OAL | THL | DCON MS | WSC | LSC | NOF | PHD | LU |
|------------------------|------|------|-------|------|---------|-------|------|-----|-------|-------|
| | [mm] | [mm] | [mm] | [mm] | [mm] | [mm] | [mm] | | [mm] | [mm] |
| EX00M2 ¹⁾ | 2 | 0.40 | 45.0 | 4 | 2.80 | 2.10 | 5 | 3 | 1.60 | 9.00 |
| EX00M2.5 ¹⁾ | 2.5 | 0.45 | 50.0 | 4 | 2.80 | 2.10 | 5 | 3 | 2.05 | 12.50 |
| EX00M3 | 3 | 0.50 | 56.0 | 6 | 3.50 | 2.70 | 6 | 3 | 2.50 | 18.00 |
| EX00M3.5 | 3.5 | 0.60 | 56.0 | 7 | 4.00 | 3.00 | 6 | 3 | 2.90 | 20.00 |
| EX00M4 | 4 | 0.70 | 63.0 | 7 | 4.50 | 3.40 | 6 | 3 | 3.30 | 21.00 |
| EX00M5 | 5 | 0.80 | 70.0 | 8 | 6.00 | 4.90 | 8 | 3 | 4.20 | 25.00 |
| EX00M6 | 6 | 1.00 | 80.0 | 10 | 6.00 | 4.90 | 8 | 3 | 5.00 | 31.00 |
| EX00M6DIN376 | 6 | 1.00 | 80.0 | 10 | 4.50 | 3.40 | 6 | 3 | 5.00 | 31.00 |
| EX00M7 | 7 | 1.00 | 80.0 | 10 | 7.00 | 5.50 | 8 | 3 | 6.00 | 31.00 |
| EX00M8 | 8 | 1.25 | 90.0 | 12 | 8.00 | 6.20 | 9 | 3 | 6.80 | 35.00 |
| EX00M8DIN376 | 8 | 1.25 | 90.0 | 13 | 6.00 | 4.90 | 8 | 3 | 6.80 | 35.00 |
| EX00M10 | 10 | 1.50 | 100.0 | 15 | 10.00 | 8.00 | 11 | 3 | 8.50 | 39.00 |
| EX00M10DIN376 | 10 | 1.50 | 100.0 | 15 | 7.00 | 5.50 | 8 | 3 | 8.50 | 39.00 |
| EX00M12 | 12 | 1.75 | 110.0 | 16 | 9.00 | 7.00 | 10 | 3 | 10.30 | — |
| EX00M14 | 14 | 2.00 | 110.0 | 20 | 11.00 | 9.00 | 12 | 3 | 12.00 | — |
| EX00M16 | 16 | 2.00 | 110.0 | 20 | 12.00 | 9.00 | 12 | 4 | 14.00 | — |
| EX00M18 | 18 | 2.50 | 125.0 | 25 | 14.00 | 11.00 | 14 | 4 | 15.50 | — |
| EX00M20 | 20 | 2.50 | 140.0 | 25 | 16.00 | 12.00 | 15 | 4 | 17.50 | — |
| EX00M22 | 22 | 2.50 | 140.0 | 25 | 18.00 | 14.50 | 17 | 4 | 19.50 | — |
| EX00M24 | 24 | 3.00 | 160.0 | 30 | 18.00 | 14.50 | 17 | 4 | 21.00 | — |
| EX00M27 | 27 | 3.00 | 160.0 | 30 | 20.00 | 16.00 | 19 | 4 | 24.00 | — |
| EX00M30 | 30 | 3.50 | 180.0 | 36 | 22.00 | 18.00 | 21 | 4 | 26.50 | — |
| EX00M33 | 33 | 3.50 | 180.0 | 36 | 25.00 | 20.00 | 23 | 4 | 29.50 | — |
| EX00M36 | 36 | 4.00 | 200.0 | 40 | 28.00 | 22.00 | 25 | 4 | 32.00 | — |
| EX00M39 | 39 | 4.00 | 200.0 | 40 | 32.00 | 24.00 | 27 | 4 | 35.00 | — |
| EX00M42 ¹⁾ | 42 | 4.50 | 200.0 | 45 | 32.00 | 24.00 | 27 | 4 | 37.50 | — |
| EX00M48 ¹⁾ | 48 | 5.00 | 250.0 | 50 | 36.00 | 29.00 | 32 | 4 | 43.00 | — |
| EX00M52 ¹⁾ | 52 | 5.00 | 250.0 | 50 | 40.00 | 32.00 | 35 | 5 | 47.00 | — |
| EX00M56 ¹⁾ | 56 | 5.50 | 250.0 | 55 | 40.00 | 32.00 | 35 | 5 | 50.50 | — |
| EX00M64 ¹⁾ | 64 | 6.00 | 315.0 | 60 | 50.00 | 39.00 | 42 | 6 | 58.00 | — |

¹⁾ HSS-E