

Screw tap, HSSE TiCN M ISO 2 (6H) 0° 376 B

For use in high-strength steel up to 1300 N/mm²

ATORN[®]



Application

For producing metric threads on CNC machines or conventional machines in **through holes** in the high-strength steel material group up to a strength of 1300 N/mm².

Version

- Dimensions to: DIN 371 = reinforced shank (to M10), DIN 376 = protruding shank (from M12)

Advantage

- Long service life and process reliability through innovative cutting geometry for use in high-strength steel

| Application | Steel (N/mm ²) | | | Stainless steel | | Alu | | Brass | | Bronze | | Plas-tics | Graphite G(C)FK | GG(G) GjMW | Titan-alloy | Nickel-alloy | Super-alloy | Hard mat. | |
|-------------|----------------------------|-------|-------|-----------------|---------|-------|------|-------|------|--------|------|-----------|-----------------|------------|-------------|--------------|-------------|-----------|---------|
| | <700 | <1000 | <1300 | marten. | austen. | short | long | short | long | short | long | | | | | | | <55 HRC | <65 HRC |
| | 18 | 13 | 10 | | | | | | | | | | | | | | | | |

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| Art. No. | 13128 120 |
| Type | P MAX 1300 |
| Thread type | Metric thread |
| Thread type x nominal diameter | M12 |
| Pitch | 1.75 mm |
| Hole type | Clearance hole ≤ 3xD |
| Cutting material | HSSE |
| Surface | TiCN |
| Lead angle shape | B |
| Tolerance of screw taps | ISO 2 (6H) |
| Twist angle | 0° |
| Shaft diameter | 9 mm |
| Application type/machine type | CNC, Conventional |
| Core hole diameter | 10.2 mm |
| Coolant supply | External |
| Length | 110 mm |
| Shank square | 7 mm |
| Cutting speed (steel 1000) suitability | 2 |
| Cutting speed (steel 1300) suitability | 1 |
| Overall stainless steel suitability | 3 |
| fitness not iron total | 3 |
| fitness Titan/Nickel/Super total | 3 |
| Cutting speed (cast) suitability | 3 |
| Cutting speed (hard 55) suitability | 3 |
| Cutting speed (hard 65) suitability | 3 |
| DIN | 376 |

EAN-Code

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