

High-performance drill, solid carbide TiAlN HPC 8xD with internal cooling HB

for universal use up to 1300 N/mm²



Application

For HPC boring up to a strength of 1300 N/mm².

Version

- Solid carbide TiAlN high-performance drill
- 4 drill heels
- Cone polished section
- 30° spiral angle
- Straight main cutting edge

Advantage

- universal high-performance tool with excellent price/performance ratio
- very high alignment accuracy thanks to 4 drill heels
- high process reliability even at extreme depths

| 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 |
| | 110 | 90 | 80 | 40 | 35 | 190 | 230 | 190 | 150 | 110 | 90 | 50 | | | 35 | 30 | 30 | | |

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|---|--------------------|
| Art. no. | 11178 242 |
| Cutting edge diameter | 4.2 mm |
| Tolerance of cutting edge diameter | h7 |
| Cutting material | VHM |
| Surface | TiAlN |
| Max. drilling depth (D) | 8xD |
| Type | HPC UNI |
| Coolant supply | Internal |
| Tool holding device | HB parallel shank |
| Angle of the tip | 140 Degree |
| Shaft diameter | 6 mm |
| Chip flute length | 43 mm |
| Length | 81 mm |
| f steel 1000 | 0.1 mm/r |
| DIN | 0 - not applicable |

EAN-Code

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