

180° high-performance drill bit, solid carbide TiAlN 3xD with internal cooling

For universal use up to 1000 N/mm²

ATORN[®]

Application

For producing drill holes with a 180° hole base in one operation



Version

- Heavy-duty solid carbide drill with 180° precision grinding and drill heels

Advantage

- Drilling and sinking in a single work step at high cutting speed
- Innovative geometry ensures good chip removal

| 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 |
| | 85 | 55 | 35 | 40 | 35 | 60 | 80 | 60 | 40 | 40 | 30 | | | 90 | | | | | |

| | |
|--------------------------------|-------------------|
| Art. No. | 11128 060 |
| Cutting material | VHM |
| Surface | TiAlN |
| Max. drilling depth (D) | 3xD |
| Angle of the tip | 180 Degree |
| Coolant supply | Internal |
| Tool holding device | HA parallel shank |
| Cutting edge diameter | 6 mm |
| Shaft diameter | 6 mm |
| Chip flute length | 28 mm |
| Length | 66 mm |
| f steel 1000 | 0.13 mm/r |

EAN-Code

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