



Slot drills HSS-Co8, TiAlN, Ø e8 DC: 20mm



Order data

| | |
|--------------|---------------|
| Order number | 191260 20 |
| GTIN | 4045197101457 |
| Item class | 12W |

Description

Version:

Centre cutting teeth for plunging.

Eccentric relief ground.

Economy version.

Note:

Suitable for use as a slot drill (tolerance e8) **or an end mill.**

50 % higher metal removal rate than 2 flute slot drills.

Larger flutes than multi-flute end mills (good for soft material). For milling keyways.

Technical description

| | |
|---|----------------------------------|
| No. of teeth Z | 3 |
| Cutting edge Ø D _c | 20 mm |
| Feed f _z for slot milling in steel < 750 N/mm ² | 0.035 mm |
| Shank Ø D _s | 20 mm |
| Overall length L | 104 mm |
| Flute length L _c | 38 mm |
| Direction of infeed | horizontal, oblique and vertical |
| Shank | DIN 1835 B to h6 |
| Tolerance nominal Ø | e8 |
| Helix angle | 30 degrees |
| Corner chamfer angle | 90 degrees |

| | |
|-----------------|-----------------|
| Coating | TiAlN |
| Tool material | HSS Co 8 |
| Standard | DIN 844 B |
| Type | N |
| Through-coolant | no |
| Colour ring | without |
| Type of product | End / face mill |

User data

| | Suitability | V _c | ISO code |
|-------------------------------|---|----------------|----------|
| Aluminium (short chipping) | suitable only under restricted conditions | 120 m/min | N |
| Steel < 500 N/mm ² | suitable | 78 m/min | P |
| Steel < 750 N/mm ² | suitable | 55 m/min | P |
| Steel < 900 N/mm ² | suitable | 55 m/min | P |
| INOX < 900 N/mm ² | suitable | 17 m/min | M |
| GG(G) | suitable only under restricted conditions | 46 m/min | K |
| CuZn | suitable only under restricted conditions | 92 m/min | N |
| Uni | suitable | | |
| wet maximum | suitable | | |
| dry | suitable only under restricted conditions | | |