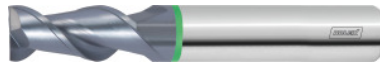



Solid carbide slot drill, TiAlN, Ø DC: 20mm

Order data

| | |
|--------------|---------------|
| Order number | 201650 20 |
| GTIN | 4045197113641 |
| Item class | 12X |

Description
Version:

Eccentric relief ground for stronger cutting edges.

Dimensions similar to DIN 6527.

Technical description

| | |
|---|----------------------------------|
| Feed f_z for side milling in steel $< 750 \text{ N/mm}^2$ | 0.12 mm |
| Cutting edge $\varnothing D_c$ | 20 mm |
| Corner chamfer width at 45° | 0.1 mm |
| No. of teeth Z | 2 |
| Feed f_z for slot milling in steel $< 750 \text{ N/mm}^2$ | 0.1 mm |
| Shank $\varnothing D_s$ | 20 mm |
| Overall length L | 104 mm |
| Flute length L_c | 38 mm |
| Direction of infeed | horizontal, oblique and vertical |
| Shank | DIN 6535 HA to h6 |
| Tolerance nominal \varnothing | h10 |
| Helix angle | 45 degrees |
| Corner chamfer angle | 45 degrees |
| Coating | TiAlN |

| | |
|---|-----------------------------|
| Tool material | Solid carbide |
| Standard | DIN 6527 |
| Type | N |
| Cutting width a_e for milling operation | 0.5×D for side milling |
| Cutting width a_e for milling operation | Full slot cutting depth 1×D |
| Through-coolant | no |
| Colour ring | green |
| Type of product | End / face mill |

User data

| | Suitability | V_c | ISO code |
|-------------------------------|---|-----------|----------|
| Aluminium (short chipping) | suitable only under restricted conditions | 280 m/min | N |
| Alu > 10% Si | suitable only under restricted conditions | 200 m/min | N |
| Steel < 500 N/mm ² | suitable | 120 m/min | P |
| Steel < 750 N/mm ² | suitable | 105 m/min | P |
| Steel < 900 N/mm ² | suitable | 100 m/min | P |
| INOX < 900 N/mm ² | suitable | 80 m/min | M |
| INOX > 900 N/mm ² | suitable | 60 m/min | M |
| GG(G) | suitable only under restricted conditions | 90 m/min | K |
| Uni | suitable | | |
| wet maximum | suitable | | |
| wet minimum | suitable only under restricted conditions | | |
| dry | suitable only under restricted conditions | | |
| Air | suitable only under restricted conditions | | |

Services

Shank grinding Type HB

129100 HB