


Solid carbide mini slot drill, TiAlN, Ø e8 DC: 1,4 mm

Order data

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| Order number | 201920 1,4 |
| GTIN | 4045197645869 |
| Item class | 12X |

Description
Version:

Double relief ground side clearance angle. Centre cutting teeth for plunging.

Weldon shank **similar to DIN 6535 HB.**

Note:
Save on regrinding costs:

It is cheaper to use solid carbide mini slot drills to the wear limit than to regrind them.

Cutting width a_e for milling operation: Full slot cutting depth $1 \times D$

Tolerance nominal Ø: e8

No. of teeth Z: 3

Helix angle: 45 degrees

Direction of infeed: horizontal, oblique and vertical

Shank: DIN 6535 HA to h6

No. of teeth Z: 3

Flute length L_c : 3 mm

Overall length L: 38 mm

Shank Ø D_s : 3 mm

Shank form: HA

Corner chamfer width at 45°: 0.02 mm

Technical description

| | |
|--|----------|
| Shank form | HA |
| No. of teeth Z | 3 |
| Feed f_z for slot milling in steel < 900 N/mm ² | 0.005 mm |
| Feed f_z for side milling in steel < 900 N/mm ² | 0.006 mm |

| | |
|---|----------------------------------|
| Cutting edge $\varnothing D_c$ | 1.4 mm |
| Corner chamfer width at 45° | 0.02 mm |
| Shank $\varnothing D_s$ | 3 mm |
| Overall length L | 38 mm |
| Flute length L_c | 3 mm |
| Direction of infeed | horizontal, oblique and vertical |
| Correction factor for v_c | 1.25 |
| Shank | DIN 6535 HA to h6 |
| Tolerance nominal \varnothing | e8 |
| Helix angle | 45 degrees |
| Corner chamfer angle | 45 degrees |
| Coating | TiAlN |
| Tool material | Solid carbide |
| Standard | Manufacturer's standard |
| 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 |
| Colour ring | without |
| Type of product | End mill |