


**Solid carbide mini slot drill, TiAlN, Ø e8 DC: 1,6 mm**

**Order data**

|              |               |
|--------------|---------------|
| Order number | 201920 1,6    |
| GTIN         | 4045197645876 |
| 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**

|  |          |
|--|----------|
| Feed $f_z$ for slot milling in steel < 900 N/mm <sup>2</sup> | 0.005 mm |
| No. of teeth Z   | 3        |
| Cutting edge Ø $D_c$   | 1.6 mm   |
| Feed $f_z$ for side milling in steel < 900 N/mm <sup>2</sup> | 0.006 mm |

|   |                                  |
|---|----------------------------------|
| Corner chamfer width at 45°               | 0.02 mm                          |
| Shank form                                | HA                               |
| 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                         |