

**Garant**
**Slot drills HSS-PM, TiAlN, Ø e8 DC: 4,5 mm**

**Order data**

Order number	191250 4,5
GTIN	4045197101020
Item class	11W

**Description**
**Version:**

Centre cutting teeth for plunging.

**Eccentric relief ground.**

For very high demands on the metal removal rate.

**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.

Through-coolant: no

Tolerance nominal Ø: e8

No. of teeth Z: 3

Helix angle: 30 degrees

Direction of infeed: horizontal, oblique and vertical

Shank: DIN 1835 B to h6

No. of teeth Z: 3

Flute length  $L_c$ : 11 mm

Overall length L: 55 mm

Shank Ø  $D_s$ : 6 mm

Feed  $f_z$  for slot milling in steel < 750 N/mm<sup>2</sup>: 0.007 mm

**Technical description**

Cutting edge Ø $D_c$	4.5 mm
Feed $f_z$ for slot milling in steel < 750 N/mm <sup>2</sup>	0.007 mm
No. of teeth Z	3
Shank Ø $D_s$	6 mm

Overall length L	55 mm
Flute length L <sub>c</sub>	11 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 PM
Standard	DIN 844 B
Type	N
Through-coolant	no
Colour ring	without
Type of product	End mill