

## Garant

### Slot drills HSS-PM, TiAlN, Ø e8 DC: 12 mm



#### Order data

Order number	191290 12
GTIN	4045197531261
Item class	11W

#### Description

##### Version:

Centre cutting teeth for plunging.

##### Eccentric relief ground.

For the most demanding metal removal rates.

##### 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  $L_c$ : 53 mm

Overall length L: 110 mm

Shank Ø  $D_s$ : 12 mm

Feed  $f_z$  for slot milling in steel < 750 N/mm<sup>2</sup>: 0.024 mm

#### Technical description

Feed $f_z$ for slot milling in steel < 750 N/mm <sup>2</sup>	0.024 mm
No. of teeth Z	3
Cutting edge Ø $D_c$	12 mm
Shank Ø $D_s$	12 mm

Overall length L	110 mm
Flute length L <sub>c</sub>	53 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