

**Garant**
**Solid carbide slot drill DIN 6535 HA, TiAlN, Ø e8 DC: 12 mm**

**Order data**

Order number	202170 12
GTIN	4045197454713
Item class	11X

**Description**
**Version:**
**Eccentric relief ground.**

Dimensions similar to DIN 6527.

Tolerance: Size nominal Ø  $D_c = e8$ .

Through-coolant: no

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  $L_c$ : 16 mm

Overhang length  $L_1$  incl. recess: 26 mm

Recess Ø  $D_1$ : 11.7 mm

Overall length L: 73 mm

Shank Ø  $D_s$ : 12 mm

**Technical description**

No. of teeth Z	3
Cutting edge Ø $D_c$	12 mm
Overhang length $L_1$ incl. recess	26 mm
Feed $f_z$ for slot milling in steel < 900 N/mm <sup>2</sup>	0.06 mm
Recess Ø $D_1$	11.7 mm

Feed $f_z$ for side milling in steel < 900 N/mm <sup>2</sup>	0.08 mm
Shank $\varnothing D_s$	12 mm
Overall length L	73 mm
Flute length $L_c$	16 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	90 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	without
Type of product	End mill

## Services

Shank recess Type FRST	209900 FRST
Shank clamping flats for shrink-fit chucks, with retainer function Shank $\varnothing$ tool 12 mm	SZ2025 12
Shank grinding Type HB	129100 HB