

**Garant**
**Solid carbide ball nose slot drill HPC, TiAlN, Ø f8 DC / D S: 12 mm**

**Order data**

Order number	207280 12
GTIN	4045197127556
Item class	11X

**Description**
**Version:**
**Precision ground for very high accuracy requirements.**

Tolerance: Radius contour =  $\pm 0.005$  mm.

**Note:**
**Recommended successor product is No. 207244.**

No. of teeth Z: 2

Helix angle: 30 degrees

No. of teeth Z: 2

Flute length  $L_c$ : 16 mm

Overall length L: 100 mm

Shank  $\varnothing D_s$ : 12 mm

Feed  $f_z$  for side milling in steel < 1100 N/mm<sup>2</sup>: 0.073 mm

Feed  $f_z$  for copy milling in steel < 1100 N/mm<sup>2</sup>: 0.084 mm

**Technical description**

No. of teeth Z	2
Feed $f_z$ for side milling in steel < 1100 N/mm <sup>2</sup>	0.073 mm
Cutting edge $\varnothing D_c$	12 mm
Feed $f_z$ for copy milling in steel < 1100 N/mm <sup>2</sup>	0.084 mm
Shank $\varnothing D_s$	12 mm
Overall length L	100 mm
Flute length $L_c$	16 mm

Helix angle	30 degrees
Radius R	6 mm
Coating	TiAlN
Tool material	Solid carbide
Standard	Manufacturer's standard
Type	H
Tolerance nominal $\varnothing$	f8
Direction of infeed	horizontal, oblique and vertical
Cutting width $a_e$ for milling operation	0.5×D for side milling
Cutting width $a_e$ for milling operation	0.03×D for copy milling
Shank	DIN 6535 HA to h6
Through-coolant	no
Machining strategy	HPC
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