


**Solid carbide ball nose slot drill, TiAlN, Ø h10 DC: 12 mm**

**Order data**

Order number	207155 12
GTIN	4045197126597
Item class	12X

**Description**

Solid carbide ball nose slot drill 12 mm  
 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  $< 900 \text{ N/mm}^2$ : 0.08 mm  
 Feed  $f_z$  for copy milling in steel  $< 900 \text{ N/mm}^2$ : 0.09 mm

**Technical description**

Feed $f_z$ for copy milling in steel $< 900 \text{ N/mm}^2$	0.09 mm
Cutting edge $\varnothing D_c$	12 mm
Feed $f_z$ for side milling in steel $< 900 \text{ N/mm}^2$	0.08 mm
No. of teeth Z	2
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	N
Tolerance nominal $\varnothing$	h10
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	0.05×D for copy milling
Shank	DIN 6535 HA to h6
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