


**Solid carbide ball nose slot drill, TiAlN, Ø DC: 4 mm**

**Order data**

Order number	207125 4
GTIN	4045197126344
Item class	12X

**Description**

Solid carbide ball nose slot drill 4 mm  
 No. of teeth Z: 2  
 Helix angle: 30 degrees  
 No. of teeth Z: 2  
 Flute length  $L_c$ : 8 mm  
 Overall length L: 54 mm  
 Shank  $\varnothing D_s$ : 6 mm  
 Feed  $f_z$  for side milling in steel  $< 900 \text{ N/mm}^2$ : 0.023 mm  
 Feed  $f_z$  for copy milling in steel  $< 900 \text{ N/mm}^2$ : 0.025 mm

**Technical description**

No. of teeth Z	2
Feed $f_z$ for copy milling in steel $< 900 \text{ N/mm}^2$	0.025 mm
Cutting edge $\varnothing D_c$	4 mm
Feed $f_z$ for side milling in steel $< 900 \text{ N/mm}^2$	0.023 mm
Shank $\varnothing D_s$	6 mm
Overall length L	54 mm
Flute length $L_c$	8 mm
Helix angle	30 degrees
Radius R	2 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	0.05×D for copy milling
Cutting width $a_e$ for milling operation	0.05×D for side milling
Shank	DIN 6535 HA to h6
Through-coolant	no
Colour ring	without
Type of product	End mill

## Services

Shank grinding Type HB	129100 HB
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