

**Garant**
**Solid carbide ball nose slot drill, TiAlN, Ø DC: 18 mm**

**Order data**

Order number	207381 18
GTIN	4045197551917
Item class	11X

**Description**
**Version:**

Tolerance: Radius contour =  $\pm 0.01$  mm.

No. of teeth Z: 3

Helix angle: 35 degrees

No. of teeth Z: 3

Flute length  $L_c$ : 26 mm

Overall length L: 92 mm

Shank  $\varnothing D_s$ : 18 mm

Feed  $f_z$  for side milling in steel  $< 500$  N/mm<sup>2</sup>: 0.1 mm

Feed  $f_z$  for copy milling in steel  $< 500$  N/mm<sup>2</sup>: 0.113 mm

**Technical description**

Feed $f_z$ for copy milling in steel $< 500$ N/mm <sup>2</sup>	0.113 mm
Cutting edge $\varnothing D_c$	18 mm
No. of teeth Z	3
Feed $f_z$ for side milling in steel $< 500$ N/mm <sup>2</sup>	0.1 mm
Shank $\varnothing D_s$	18 mm
Overall length L	92 mm
Flute length $L_c$	26 mm
Helix angle	35 degrees
Radius R	9 mm

Coating	TiAlN
Tool material	Solid carbide
Standard	Manufacturer's standard
Type	N
Tolerance nominal $\varnothing$	e8
Direction of infeed	horizontal, oblique and vertical
Cutting width $a_e$ for milling operation	0.1×D for copy milling
Cutting width $a_e$ for milling operation	0.5×D for side 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 grinding Type HB	129100 HB