

## Garant

### Solid carbide ball nose slot drill MTC, TiAlN, Ø f8 DC: 10 mm



#### Order data

Order number	207460 10
GTIN	4045197128805
Item class	11X

#### Description

##### Version:

**Ball nose slot drills** with corrected cutting form, without profile distortion. With double relief ground side clearance angle.

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

##### Application:

Especially for **MTC (Multi Task Cutting)** use on the new generation of turning / milling centres.

##### Note:

**NEW GENERATION AVAILABLE! Recommended successor product is No. 207492.**

No. of teeth Z: 4

Helix angle: 45 degrees

No. of teeth Z: 4

Flute length  $L_c$ : 14 mm

Overall length L: 100 mm

Shank  $\varnothing D_s$ : 10 mm

Feed  $f_z$  for side milling in steel  $< 900$  N/mm<sup>2</sup>: 0.058 mm

Feed  $f_z$  for copy milling in steel  $< 900$  N/mm<sup>2</sup>: 0.071 mm

#### Technical description

No. of teeth Z	4
Cutting edge $\varnothing D_c$	10 mm
Feed $f_z$ for copy milling in steel $< 900$ N/mm <sup>2</sup>	0.071 mm
Feed $f_z$ for side milling in steel $< 900$ N/mm <sup>2</sup>	0.058 mm
Shank $\varnothing D_s$	10 mm

Overall length L	100 mm
Flute length L <sub>c</sub>	14 mm
Helix angle	45 degrees
Radius R	5 mm
Coating	TiAlN
Tool material	Solid carbide
Standard	DIN 6527
Type	N
Tolerance nominal Ø	f8
Direction of infeed	horizontal, oblique and vertical
Cutting width a <sub>e</sub> for milling operation	0.03×D for copy milling
Cutting width a <sub>e</sub> for milling operation	0.3×D for side milling
Shank	DIN 6535 HA to h6
Through-coolant	no
Machining strategy	MTC
Colour ring	without
Type of product	End mill

## Services

Shank recess Type FRST	209900 FRST
Shank grinding Type HB	129100 HB