

Garant
Solid carbide ball nose slot drill MTC, TiAlN, Ø f8 DC: 20 mm

Order data

Order number	207450 20
GTIN	4045197128744
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 = ± 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. 207490.

No. of teeth Z: 4

Helix angle: 45 degrees

No. of teeth Z: 4

Flute length L_c : 26 mm

Overall length L: 92 mm

Shank $\varnothing D_s$: 20 mm

Feed f_z for side milling in steel < 900 N/mm²: 0.112 mm

Feed f_z for copy milling in steel < 900 N/mm²: 0.138 mm

Technical description

Feed f_z for side milling in steel < 900 N/mm ²	0.112 mm
Feed f_z for copy milling in steel < 900 N/mm ²	0.138 mm
Cutting edge $\varnothing D_c$	20 mm
No. of teeth Z	4
Shank $\varnothing D_s$	20 mm

Overall length L	92 mm
Flute length L _c	26 mm
Helix angle	45 degrees
Radius R	10 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 _e for milling operation	0.03×D for copy milling
Cutting width a _e 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 clamping flats for shrink-fit chucks, with retainer function Shank Ø tool 20 mm	SZ2025 20
Shank grinding Type HB	129100 HB