

Garant

Solid carbide torus cutter, TiAlN, Ø e8 DC / R1: 8/1,5 mm



Order data

Order number	206280 8/1,5
GTIN	4045197124029
Item class	11X

Description

Version:

With **double relief ground side clearance angle**.

Tolerance: Corner radius $R_1 = \pm 0.005$ mm.

Application:

Especially for **high speed machining** in **mould and tool making** for **copy milling**. Excellent results when **milling dry**.

Note:

NEW GENERATION AVAILABLE!

Recommended successor product is No. 206333.

No. of teeth Z: 4

Helix angle: 30 degrees

Shank: DIN 6535 HA to h6

No. of teeth Z: 4

Flute length L_c : 9 mm

Corner radius R_1 : 1.5 mm

Overhang length L_1 incl. recess: 27 mm

Recess Ø D_1 : 7.4 mm

Overall length L: 63 mm

Technical description

Cutting edge Ø D_c	8 mm
Feed f_z for copy milling in steel < 1100 N/mm ²	0.028 mm
Feed f_z for side milling in steel < 1100 N/mm ²	0.025 mm
Corner radius R_1	1.5 mm

Overhang length L_1 incl. recess	27 mm
Recess $\varnothing D_1$	7.4 mm
No. of teeth Z	4
Shank $\varnothing D_s$	8 mm
Flute length L_c	9 mm
Overall length L	63 mm
Shank	DIN 6535 HA to h6
Helix angle	30 degrees
Coating	TiAlN
Tool material	Solid carbide
Standard	Manufacturer's standard
Type	H
Tolerance nominal \varnothing	e8
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	0.2×D for side milling
Through-coolant	no
Shank tolerance	h6
Colour ring	without
Type of product	End mill

Services

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