

Garant

Solid carbide torus cutter HPC, ZOX, Ø f8 DC / R1: 12/1,0 mm



Order data

Order number	206260 12/1,0
GTIN	4045197300942
Item class	11X

Description

Version:

With strong core, **special chip breaker recesses** and **large polished flutes**.
New generation of high performance end mills in the HPC machining range.

Application:

Especially for **high speed machining** in **mould and tool making** for **copy milling**.

Note:

NEW GENERATION AVAILABLE! Recommended successor product is No. 206255.

No. of teeth Z: 3

Helix angle: 45 degrees

Shank: DIN 6535 HA to h6

Balance quality with shank: G 2.5 with HA

No. of teeth Z: 3

Flute length L_c : 26 mm

Corner radius R_1 : 1 mm

Overhang length L_1 incl. recess: 36 mm

Recess $\varnothing D_1$: 11 mm

Overall length L: 83 mm

Technical description

Cutting edge $\varnothing D_c$	12 mm
Corner radius R_1	1 mm
No. of teeth Z	3
Recess $\varnothing D_1$	11 mm
Feed f_z for side milling in short-chipping aluminium	0.065 mm

Overhang length L_1 incl. recess	36 mm
Feed f_z for copy milling in short-chipping aluminium	0.065 mm
Shank $\varnothing D_s$	12 mm
Flute length L_c	26 mm
Overall length L	83 mm
Balance quality with shank	G 2.5 with HA
Shank	DIN 6535 HA to h6
Helix angle	45 degrees
Coating	ZOX
Tool material	Solid carbide
Standard	Manufacturer's standard
Type	W
Tolerance nominal \varnothing	f8
Helix angle characteristic	unequal spacing
Spacing of the cutters	unequal spacing
Direction of infeed	horizontal, oblique and vertical
Cutting width a_e for milling operation	0.3×D for side milling
Cutting width a_e for milling operation	0.03×D for copy milling
Through-coolant	no
Machining strategy	HPC
Shank tolerance	h6
Colour ring	yellow
Type of product	End mill

Services

Shank recess Type FRST	209900 FRST
Shank clamping flats for shrink-fit chucks, with retainer function Shank \varnothing tool 12 mm	SZ2025 12
Shank grinding Type HB	129100 HB

