

Garant
Solid carbide end torus cutter HPC, TiAlN, Ø h9 DC: 3 mm

Order data

Order number	206266 3
GTIN	4045197860613
Item class	11X

Description
Version:

Special centre cutting edge geometry for traverse milling at very high feed rates.

Tolerance: Corner radius $R_1 = \pm 0.01$ mm.

Application:

For copy and traverse milling over the full range of hard machining **under HPC/HSC conditions.**

Using special milling strategies **very high rates of metal removal can be achieved.**

Note:

Successor product to No. 206272.

Tools can be reground.

No. of teeth Z: 2

No. of teeth Z: 2

Dimension $a_{p\ max}$ transverse: 0.2 mm

Programming radius: 0.3 mm

Flute length L_c : 1.5 mm

Overhang length L_1 incl. recess: 15 mm

Recess $\varnothing D_1$: 2.7 mm

Technical description

Programming radius	0.3 mm
Dimension $a_{p\ max}$ transverse	0.2 mm
No. of teeth Z	2
Recess $\varnothing D_1$	2.7 mm
Cutting edge $\varnothing D_c$	3 mm

Overall length L	54 mm
Shank $\varnothing D_s$	6 mm
Feed f_z in steel $< 900 \text{ N/mm}^2$	0.056 mm
Flute length L_c	1.5 mm
Overhang length L_1 incl. recess	15 mm
Setting angle κ	9 degrees
Coating	TiAlN
Tool material	Solid carbide
Standard	Manufacturer's standard
Type	N
Tolerance nominal \varnothing	h9
Helix angle	15 degrees
Direction of infeed	horizontal and oblique
Cutting width a_e for milling operation	Full slot cutting depth $1 \times D$
Shank	DIN 6535 HA to h5
Through-coolant	no
Machining strategy	HPC
Colour ring	green
Type of product	End mill

Services

Shank grinding Type HB	129100 HB
------------------------	-----------