

Garant
Solid carbide end torus cutter HPC, TiAlN, Ø h9 DC: 4 mm

Order data

Order number	206262 4
GTIN	4062406279509
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:
Tools can be reground.

With conically increasing recess to guarantee stability at long overhangs.

No. of teeth Z: 3

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Dimension $a_{p \max}$ transverse: 0.25 mm

Programming radius: 0.5 mm

Flute length L_c : 2.5 mm

Overhang length L_1 incl. recess: 16 mm

minimum shank recess dia. D_s : 3.6 mm

Technical description

No. of teeth Z	3
Dimension $a_{p \max}$ transverse	0.25 mm
Flute length L_c	2.5 mm
Shank Ø D_s	6 mm
Programming radius	0.5 mm

Overhang length L_1 incl. recess	16 mm
Feed f_z in steel < 900 N/mm ²	0.07 mm
Setting angle κ	10.5 degrees
Overall length L	58 mm
Cutting edge $\varnothing D_c$	4 mm
minimum shank recess dia. D_5	3.6 mm
maximum shank recess dia. D_6	3.95 mm
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	0.5×D for side milling
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
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