

Garant

Solid carbide milling cutter TPC, uncoated, Ø h6 DC: 8 mm



Order data

Order number	202283 8
GTIN	4045197977236
Item class	11X

Description

Version:

Eccentric relief ground, additionally **polish ground** in the flutes for **outstanding chip evacuation** in long-chipping aluminium workpieces.

With double chip-breaker for exemplary chip formation.

Note:

$a_{e \max} = 0.1 \times D$ for TPC machining.

h_{\max} : The values stated in the table are maximum values.

Tolerance nominal Ø: h6

No. of teeth Z: 3

Helix angle: 45 degrees

Direction of infeed: horizontal, oblique and vertical

Shank: DIN 6535 HA to h6

Balance quality with shank: G 2.5 with HA

No. of teeth Z: 3

Flute length L_c : 41 mm

Overhang length L_1 incl. recess: 48 mm

Recess Ø D_1 : 7.4 mm

Overall length L: 89 mm

Shank Ø D_s : 8 mm

Technical description

Cutting edge Ø D_c	8 mm
Recess Ø D_1	7.4 mm
Tolerance nominal Ø	h6
Balance quality with shank	G 2.5 with HA

Overall length L	89 mm
Helix angle	45 degrees
Shank	DIN 6535 HA to h6
Direction of infeed	horizontal, oblique and vertical
Shank form	HA
No. of teeth Z	3
Shank $\varnothing D_s$	8 mm
Flute length L_c	41 mm
Corner chamfer width at 45°	0.2 mm
Overhang length L_1 incl. recess	48 mm
Average chip thickness h_{max} for TPC milling in short-chipping aluminium	0.036 mm
Corner chamfer angle	45 degrees
Coating	uncoated
Tool material	Solid carbide
Standard	Manufacturer's standard
Type	W
Helix angle characteristic	unequal spacing
Cutting width a_e for milling operation	0.1×D
Through-coolant	no
Machining strategy	TPC
Colour ring	yellow
Type of product	End mill

Services

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