

Garant**Solid carbide milling cutter TPC, uncoated, Ø h6 DC: 8 mm****Order data**

Order number	202281 8
GTIN	4045197773296
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:

$a_{e\ max} = 0.12 \times D$ 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 : 33 mm

Overhang length L_1 incl. recess: 40 mm

Recess Ø D_1 : 7.4 mm

Overall length L: 80 mm

Shank Ø D_s : 8 mm

Technical description

Shank	DIN 6535 HA to h6
Flute length L_c	33 mm
Recess Ø D_1	7.4 mm
Tolerance nominal Ø	h6

Shank form	HA
Shank Ø D _s	8 mm
Balance quality with shank	G 2.5 with HA
No. of teeth Z	3
Corner chamfer width at 45°	0.2 mm
Overall length L	80 mm
Direction of infeed	horizontal, oblique and vertical
Cutting edge Ø D _c	8 mm
Overhang length L ₁ incl. recess	40 mm
Average chip thickness h _{max} for TPC milling in short-chipping aluminium	0.043 mm
Helix angle	45 degrees
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	0.12×D
Through-coolant	no
Machining strategy	TPC
Colour ring	yellow
Type of product	End mill

Services

Shank grinding Type HB	129100 HB
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