

## Garant

### Solid carbide milling cutter TPC, uncoated, Ø h6 DC: 6 mm



#### Order data

Order number	202281 6
GTIN	4045197773289
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  $L_c$ : 25 mm

Overhang length  $L_1$  incl. recess: 30 mm

Recess Ø  $D_1$ : 5.7 mm

Overall length L: 71 mm

Shank Ø  $D_s$ : 6 mm

#### Technical description

Direction of infeed	horizontal, oblique and vertical
Overhang length $L_1$ incl. recess	30 mm
Recess Ø $D_1$	5.7 mm
Shank form	HA

Shank	DIN 6535 HA to h6
Shank $\varnothing D_s$	6 mm
Corner chamfer width at 45°	0.2 mm
Balance quality with shank	G 2.5 with HA
Flute length $L_c$	25 mm
Tolerance nominal $\varnothing$	h6
Cutting edge $\varnothing D_c$	6 mm
No. of teeth Z	3
Overall length L	71 mm
Average chip thickness $h_{max}$ for TPC milling in short-chipping aluminium	0.032 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
------------------------	-----------