

## Garant

**Solid carbide roughing end mill with internal coolant supply MTC, TiAlN, Ø d11 DC: 8 mm**



### Order data

Order number	205716 8
GTIN	4045197362827
Item class	11X

### Description

#### Version:

**Optimised special knuckle profile for roughing.**

Very **high rate of metal removal**. Can be used as a **universal end mill**.

**Special cooling channel system**, to achieve the best possible high performance machining.

#### Application:

Especially for **MTC (Multi Task Cutting)** use on the new generation of turning / milling centres.

Tolerance nominal Ø: d11

No. of teeth Z: 4

Helix angle: 45 degrees

Direction of infeed: horizontal, oblique and vertical

Shank: DIN 6535 HB to h6

No. of teeth Z: 4

Flute length  $L_c$ : 16 mm

Overhang length  $L_1$  incl. recess: 26 mm

Recess Ø  $D_1$ : 7.5 mm

Overall length L: 63 mm

Shank Ø  $D_s$ : 8 mm

### Technical description

Cutting edge Ø $D_c$	8 mm
Recess Ø $D_1$	7.5 mm
Overhang length $L_1$ incl. recess	26 mm
Corner chamfer width at 45°	0.2 mm

No. of teeth Z	4
Feed $f_z$ for slot milling in steel < 900 N/mm <sup>2</sup>	0.04 mm
Feed $f_z$ for side milling in steel < 900 N/mm <sup>2</sup>	0.05 mm
Shank $\varnothing D_s$	8 mm
Overall length L	63 mm
Flute length $L_c$	16 mm
Direction of infeed	horizontal, oblique and vertical
Shank	DIN 6535 HB to h6
Tolerance nominal $\varnothing$	d11
Helix angle	45 degrees
Corner chamfer angle	45 degrees
Coating	TiAlN
Tool material	Solid carbide
Standard	DIN 6527
Milling profile	HR
Cutting width $a_e$ for milling operation	0.5×D for side milling
Cutting width $a_e$ for milling operation	Full slot cutting depth 1×D
Through-coolant	yes
Machining strategy	MTC
Colour ring	green
Type of product	End mill

## Services

Shank recess Type FRST	209900 FRST
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