

**Garant**
**Solid carbide roughing end mill MTC, TiAlN, Ø d11 DC: 14 mm**

**Order data**

Order number	205710 14
GTIN	4045197362629
Item class	11X

**Description**
**Version:**

Dimensions similar to DIN 6527.

**Optimised special knuckle profile for roughing.**

Very **high rate of metal removal.**

Can be used as a **universal end mill.**

**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

Overall length L: 75 mm

Shank Ø  $D_s$ : 14 mm

Corner chamfer width at 45°: 0.3 mm

Feed  $f_z$  for slot milling in steel < 900 N/mm<sup>2</sup>: 0.08 mm

**Technical description**

Cutting edge Ø $D_c$	14 mm
Corner chamfer width at 45°	0.3 mm
Feed $f_z$ for slot milling in steel < 900 N/mm <sup>2</sup>	0.08 mm
Feed $f_z$ for side milling in steel < 900 N/mm <sup>2</sup>	0.09 mm

No. of teeth Z	4
Shank $\varnothing D_s$	14 mm
Overall length L	75 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	no
Machining strategy	MTC
Colour ring	green
Type of product	End mill

## Services

Shank recess Type FRST	209900 FRST
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