


**Solid carbide roughing end mill, stub HPC, TiAlN, Ø d11 DC: 12 mm**

**Order data**

Order number	205486 12
GTIN	4045197555304
Item class	12X

**Description**
**Version:**

Dimensions similar to DIN 6527.

For high feed rates, very high metal removal rate.

With 20° helix.

**Note:**

**NEW GENERATION AVAILABLE!**

**Recommended successor product No. 205704.**

Tolerance nominal Ø: d11

No. of teeth Z: 4

Helix angle: 20 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: 73 mm

Shank Ø  $D_s$ : 12 mm

Corner chamfer width at 45°: 0.5 mm

Feed  $f_z$  for slot milling in steel < 900 N/mm<sup>2</sup>: 0.06 mm

**Technical description**

No. of teeth Z	4
Corner chamfer width at 45°	0.5 mm
Cutting edge Ø $D_c$	12 mm
Feed $f_z$ for slot milling in steel < 900 N/mm <sup>2</sup>	0.06 mm

Feed $f_z$ for side milling in steel < 900 N/mm <sup>2</sup>	0.08 mm
Shank $\varnothing D_s$	12 mm
Overall length L	73 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	20 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	HPC
Colour ring	without
Type of product	End mill

## Services

Shank recess Type FRST	209900 FRST
Shank clamping flats for shrink-fit chucks, with retainer function Shank $\varnothing$ tool 12 mm	SZ2025 12