



Solid carbide roughing end mill MTC, TiAlN, Ø d11 DC: 20 mm



Order data

Order number	205715 20
GTIN	4045197551337
Item class	12X

Description

Version:

Dimensions similar to DIN 6527. **Optimised special knuckle profile for roughing. Very high metal removal rate.**

Application:

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

Tolerance nominal Ø: d11

No. of teeth Z: 6

Helix angle: 45 degrees

Direction of infeed: horizontal, oblique and vertical

Shank: DIN 6535 HB to h6

No. of teeth Z: 6

Flute length L_c : 38 mm

Overall length L: 104 mm

Shank Ø D_s : 20 mm

Corner chamfer width at 45°: 0.4 mm

Feed f_z for slot milling in steel < 900 N/mm²: 0.1 mm

Technical description

Feed f_z for slot milling in steel < 900 N/mm ²	0.1 mm
No. of teeth Z	6
Feed f_z for side milling in steel < 900 N/mm ²	0.12 mm
Corner chamfer width at 45°	0.4 mm
Cutting edge Ø D_c	20 mm

Shank $\varnothing D_s$	20 mm
Overall length L	104 mm
Flute length L_c	38 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	0.5xD for side milling
Cutting width a_e for milling operation	Full slot cutting depth 1xD
Through-coolant	no
Machining strategy	MTC
Colour ring	green
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 20 mm	SZ2025 20