



Solid carbide roughing end mill MTC, TiAlN, Ø d11 DC: 8mm



Order data

Order number	205715 8
GTIN	4045197549495
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: 4

Helix angle: 45°

Direction of infeed: horizontal, oblique and vertical

Shank: DIN 6535 HB to h6

No. of teeth Z: 4

Flute length L_c : 19 mm

Overall length L: 63 mm

Shank Ø D_s : 8 mm

Corner chamfer width at 45°: 0.2 mm

Feed f_z for slot milling in steel < 900 N/mm²: 0.04 mm

Technical description

Cutting edge Ø D_c	8 mm
No. of teeth Z	4
Corner chamfer width at 45°	0.2 mm
Feed f_z for slot milling in steel < 900 N/mm ²	0.04 mm
Feed f_z for side milling in steel < 900 N/mm ²	0.05 mm

Shank $\varnothing D_s$	8 mm
Overall length L	63 mm
Flute length L_c	19 mm
Direction of infeed	horizontal, oblique and vertical
Shank	DIN 6535 HB to h6
Tolerance nominal \varnothing	d11
Helix angle	45 °
Corner chamfer angle	45 °
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 / face mill

User data

	Suitability	V_c	ISO code
Steel < 750 N/mm ²	suitable	155 m/min	P
Steel < 900 N/mm ²	suitable	155 m/min	P
Steel < 1100 N/mm ²	suitable	125 m/min	P
Steel < 1400 N/mm ²	suitable	110 m/min	P
INOX < 900 N/mm ²	suitable	55 m/min	M
INOX > 900 N/mm ²	suitable only under restricted conditions	40 m/min	M
GG(G)	suitable	110 m/min	K

Uni	suitable
wet maximum	suitable
wet minimum	suitable only under restricted conditions
dry	suitable only under restricted conditions
Air	Suitable only under restricted conditions

Services

Shank recess Type FRST

209900 FRST