

Garant
Roughing end mill, TiAlN, Ø DC: 20 mm

Order data

Order number	192710 20
GTIN	4045197107794
Item class	11W

Description
Version:
Relief ground knuckle form profile.

Up to size 20 end cutting teeth profile for plunging.

Through-coolant: no

Tolerance nominal Ø: k12

No. of teeth Z: 4

Helix angle: 27 degrees

Direction of infeed: horizontal, oblique and vertical

Shank: DIN 1835 B to h6

No. of teeth Z: 4

Flute length L_c : 75 mm

Overall length L: 141 mm

Shank Ø D_s : 20 mm

Corner chamfer width at 45°: 0.5 mm

Feed f_z for slot milling in steel < 750 N/mm²: 0.06 mm

Technical description

No. of teeth Z	4
Feed f_z for slot milling in steel < 750 N/mm ²	0.06 mm
Corner chamfer width at 45°	0.5 mm
Cutting edge Ø D_c	20 mm
Shank Ø D_s	20 mm
Overall length L	141 mm

Flute length L_c	75 mm
Direction of infeed	horizontal, oblique and vertical
Shank	DIN 1835 B to h6
Tolerance nominal \varnothing	k12
Helix angle	27 degrees
Corner chamfer angle	45 degrees
Coating	TiAlN
Tool material	HSS Co 8
Standard	DIN 844 B
Milling profile	NR
Spacing of the cutters	unequal spacing
Through-coolant	no
Colour ring	without
Type of product	End mill