



Roughing end mill HSS-PM, TiAlN, Ø DC: 20 mm



Order data

Order number	192890 20
GTIN	4045197108722
Item class	12W

Description

Version:

Relief ground fine pitch knuckle form profile.

Centre cutting teeth for plunging.

Economy version.

Through-coolant: no

Tolerance nominal Ø: k12

No. of teeth Z: 5

Helix angle: 30 degrees

Direction of infeed: horizontal, oblique and vertical

Shank: DIN 1835 B to h6

No. of teeth Z: 5

Flute length L_c : 38 mm

Overall length L: 104 mm

Shank Ø D_s : 20 mm

Corner chamfer width at 45°: 0.3 mm

Feed f_z for slot milling in steel < 900 N/mm²: 0.048 mm

Technical description

Corner chamfer width at 45°	0.3 mm
Cutting edge Ø D_c	20 mm
No. of teeth Z	5
Feed f_z for slot milling in steel < 900 N/mm ²	0.048 mm
Shank Ø D_s	20 mm

Overall length L	104 mm
Flute length L _c	38 mm
Direction of infeed	horizontal, oblique and vertical
Shank	DIN 1835 B to h6
Tolerance nominal Ø	k12
Helix angle	30 degrees
Corner chamfer angle	45 degrees
Coating	TiAlN
Tool material	HSS PM
Standard	DIN 844
Milling profile	HR
Through-coolant	no
Colour ring	without
Type of product	End mill