



Roughing end mill HSS-Co8, TiAlN, Ø DC: 22 mm



Order data

Order number	192650 22
GTIN	4045197107640
Item class	12W

Description

Version:

With relief ground knuckle form profile.

Up to size 20 with end cutting teeth profile for plunging.

The wide teeth lands permit multiple re-grinding without losing the profile.

Sizes 6M to 25M – **MID mills:** dimensions to **factory standard, which is between DIN 844 stub and DIN 844 long.**

Economy version.

Through-coolant: no

Tolerance nominal Ø: js12

No. of teeth Z: 5

Helix angle: 30 degrees

Direction of infeed: horizontal and oblique

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°: 0.6 mm

Feed f_z for slot milling in steel < 750 N/mm²: 0.031 mm

Technical description

Cutting edge Ø D_c	22 mm
Feed f_z for slot milling in steel < 750 N/mm ²	0.031 mm
No. of teeth Z	5

Corner chamfer width at 45°	0.6 mm
Shank $\varnothing D_s$	20 mm
Overall length L	104 mm
Flute length L_c	38 mm
Direction of infeed	horizontal and oblique
Shank	DIN 1835 B to h6
Tolerance nominal \varnothing	js12
Helix angle	30 degrees
Corner chamfer angle	45 degrees
Coating	TiAlN
Tool material	HSS Co 8
Standard	DIN 844 B
Milling profile	NR
Through-coolant	no
Colour ring	without
Type of product	End mill