

Garant
Semi-roughing end mill, uncoated, Ø k10 DC: 20 mm

Order data

Order number	191700 20
GTIN	4045197104656
Item class	11W

Description
Version:
Relief ground truncated-type roughing profile.

Centre cutting teeth for plunging.

The wide tooth lands can be re-ground frequently without losing the profile.

Universal cutter for profile milling or for plunging.

Advantage:

Compared to multi-flute cutters, **better chip evacuation due to larger flutes.**

Through-coolant: no

Tolerance nominal Ø: k10

No. of teeth Z: 3

Helix angle: 25 degrees

Direction of infeed: horizontal, oblique and vertical

Shank: DIN 1835 B to h6

No. of teeth Z: 3

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

Corner chamfer width at 45°	0.5 mm
Feed f_z for slot milling in steel < 750 N/mm ²	0.06 mm
Cutting edge Ø D_c	20 mm
No. of teeth Z	3

Shank $\varnothing D_s$	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	k10
Helix angle	25 degrees
Corner chamfer angle	45 degrees
Coating	uncoated
Tool material	HSS Co 8
Standard	DIN 844 B
Milling profile	NF
Through-coolant	no
Colour ring	without
Type of product	End mill