

Garant

Solid carbide roughing slot drill with internal coolant supply, uncoated, Ø d11 DC: 20 mm


Order data

Order number	205335 20
GTIN	4045197645838
Item class	11X

Description
Version:

Dimensions similar to DIN 6527.

Knuckle form profile.

Special profile for machining non-ferrous metals.

With through-coolant.

Through-coolant: yes

Tolerance nominal Ø: d11

No. of teeth Z: 3

Helix angle: 30 degrees

Direction of infeed: horizontal, oblique and vertical

Shank: DIN 6535 HB to h6

No. of teeth Z: 3

Flute length L_c : 38 mm

Overhang length L_1 incl. recess: 54 mm

Recess Ø D_1 : 19.8 mm

Overall length L: 104 mm

Shank Ø D_s : 20 mm

Technical description

Corner chamfer width at 45°	1.05 mm
Overhang length L_1 incl. recess	54 mm
Feed f_z for slot milling in short-chipping aluminium	0.12 mm
Feed f_z for side milling in short-chipping aluminium	0.14 mm

Recess $\varnothing D_1$	19.8 mm
No. of teeth Z	3
Cutting edge $\varnothing D_c$	20 mm
Shank $\varnothing D_s$	20 mm
Overall length L	104 mm
Flute length L_c	38 mm
Direction of infeed	horizontal, oblique and vertical
Shank	DIN 6535 HB to h6
Tolerance nominal \varnothing	d11
Helix angle	30 degrees
Corner chamfer angle	45 degrees
Coating	uncoated
Tool material	Solid carbide
Standard	Manufacturer's standard
Milling profile	WR
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	yes
Colour ring	yellow
Type of product	End mill

Services

Shank recess Type FRST	209900 FRST
Shank clamping flats for shrink-fit chucks, with retainer function Shank \varnothing tool 20 mm	SZ2025 20