

Garant
Solid carbide milling cutter, uncoated, Ø e8 DC: 12 mm

Order data

Order number	202640 12
GTIN	4045197117656
Item class	11X

Description
Version:

Double relief ground side clearance angle.

Through-coolant: no

Tolerance nominal Ø: e8

No. of teeth Z: 4

Helix angle: 30 degrees

Direction of infeed: horizontal, oblique and vertical

Shank: DIN 6535 HB to h6

No. of teeth Z: 4

Flute length L_c : 28 mm

Overhang length L_1 incl. recess: 38 mm

Recess Ø D_1 : 11.8 mm

Overall length L: 84 mm

Shank Ø D_s : 12 mm

Technical description

Corner chamfer width at 45°	0.13 mm
Shank form	HB
Cutting edge Ø D_c	12 mm
Recess Ø D_1	11.8 mm
Overhang length L_1 incl. recess	38 mm
Feed f_z for slot milling in steel < 900 N/mm ²	0.06 mm
No. of teeth Z	4

Feed f_z for side milling in steel $< 900 \text{ N/mm}^2$	0.08 mm
Shank $\varnothing D_s$	12 mm
Overall length L	84 mm
Flute length L_c	28 mm
Direction of infeed	horizontal, oblique and vertical
Shank	DIN 6535 HB to h6
Tolerance nominal \varnothing	e8
Helix angle	30 degrees
Corner chamfer angle	45 degrees
Coating	uncoated
Tool material	Solid carbide
Standard	Manufacturer's standard
Type	N
Cutting width a_e for milling operation	$0.3 \times D$ for side milling
Cutting width a_e for milling operation	Full slot cutting depth $1 \times D$
Through-coolant	no
Colour ring	without
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 12 mm	SZ2025 12