

Garant
Solid carbide milling cutter, TiAlN, Ø e8 DC: 20mm


Order data

Order number	202725 20
GTIN	4045197746559
Item class	11X

Description

Version:

Double relief ground side clearance angle.

Without 45° cutting edge chamfer.

Technical description

Overhang length L_1 incl. recess	50 mm
Flute length L_c	41 mm
Shank	DIN 6535 HB to h6
Recess $\varnothing D_1$	19.8 mm
Feed f_z for slot milling in steel < 900 N/mm ²	0.1 mm
Feed f_z for side milling in steel < 900 N/mm ²	0.12 mm
Shank $\varnothing D_s$	20 mm
Cutting edge $\varnothing D_c$	20 mm
No. of teeth Z	4
Overall length L	104 mm
Direction of infeed	horizontal, oblique and vertical
Shank form	HB
Helix angle	30 degrees
Corner chamfer angle	90 degrees

Coating	TiAlN
Tool material	Solid carbide
Standard	Manufacturer's standard
Type	H
Cutting width a_e for milling operation	0.3×D for side milling
Cutting width a_e for milling operation	Full slot cutting depth 1×D
Through-coolant	no
Colour ring	without
Type of product	End / face mill

User data

	Suitability	V_c	ISO code
Aluminium (short chipping)	suitable only under restricted conditions	280 m/min	N
Steel < 900 N/mm ²	suitable	100 m/min	P
Steel < 1100 N/mm ²	suitable	70 m/min	P
Steel < 1400 N/mm ²	suitable	60 m/min	P
Steel < 55 HRC	suitable	35 m/min	H
INOX < 900 N/mm ²	suitable	80 m/min	M
INOX > 900 N/mm ²	suitable only under restricted conditions	60 m/min	M
GG(G)	suitable	90 m/min	K
Uni	suitable		
wet maximum	Suitable		
wet minimum	Suitable only under restricted conditions		
dry	suitable		
Air	Suitable		

