


Solid carbide milling cutter, TiAlN, Ø h10 DC: 20mm

Order data

Order number	202760 20
GTIN	4045197197801
Item class	12X

Description
Version:

Eccentric relief ground.

Without 45° cutting edge chamfer.

Through-coolant: no

Tolerance nominal Ø: h10

No. of teeth Z: 4

Helix angle: 30°

Direction of infeed: horizontal, oblique and vertical

Shank: DIN 6535 HB to h6

No. of teeth Z: 4

Flute length L_c : 41 mm

Overall length L: 104 mm

Shank Ø D_s : 20 mm

Shank form: HB

Feed f_z for slot milling in steel < 900 N/mm²: 0.1 mm

Technical description

Feed f_z for side milling in steel < 900 N/mm ²	0.12 mm
Shank form	HB
Feed f_z for slot milling in steel < 900 N/mm ²	0.1 mm
Cutting edge Ø D_c	20 mm
No. of teeth Z	4
Shank Ø D_s	20 mm

Overall length L	104 mm
Flute length L _c	41 mm
Direction of infeed	horizontal, oblique and vertical
Shank	DIN 6535 HB to h6
Tolerance nominal Ø	h10
Helix angle	30 °
Corner chamfer angle	90 °
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 only under restricted conditions	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 only under restricted conditions
wet maximum	Suitable
wet minimum	Suitable only under restricted conditions
dry	Suitable only under restricted conditions
Air	Suitable only under restricted conditions
Services	

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