Hoffmann Group

HOLEX

Solid carbide milling cutter, TiAlN, Ø h10 DC: 2mm

Order data

Order number	202760 2
GTIN	4045197117991
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 HA to h6
No. of teeth Z: 4
Flute length L_c: 8 mm
Overall length L: 32 mm
Shank Ø D_s: 2 mm
Shank form: HA
Feed f_z for slot milling in steel < 900 N/mm^2: 0.01 mm

Technical description

Cutting edge Ø D_c	2 mm
Feed f_z for slot milling in steel < 900 N/mm^2	0.01 mm
No. of teeth Z	4
Feed f_z for side milling in steel < 900 N/mm^2	0.011 mm
Shank form	HA
Shank Ø D_s	2 mm

Overall length L	32 mm
Flute length L_c	8 mm
Direction of infeed	horizontal, oblique and vertical
Shank	DIN 6535 HA 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/mm²	suitable	100 m/min	P
Steel < 1100 N/mm²	suitable	70 m/min	P
Steel < 1400 N/mm²	suitable	60 m/min	P
Steel < 55 HRC	suitable only under restricted conditions	35 m/min	H
INOX < 900 N/mm²	suitable	80 m/min	M
INOX > 900 N/mm²	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