



End mill HSS-Co8, TiAlN, Ø k10 DC: 20mm



Order data

Order number	191590 20
GTIN	4045197103802
Item class	12W

Description

Version:

Multi-flute end mill. **Eccentric relief ground.**

Economy version.

Through-coolant: no

Tolerance nominal Ø: k10

No. of teeth Z: 4

Helix angle: 30-40 °

Direction of infeed: horizontal, oblique and vertical

Shank: DIN 1835 B to h6

No. of teeth Z: 4

Flute length L_c : 38 mm

Overall length L: 104 mm

Shank Ø D_s : 20 mm

Feed f_z for slot milling in steel < 750 N/mm²: 0.039 mm

Technical description

Cutting edge Ø D_c	20 mm
No. of teeth Z	4
Feed f_z for slot milling in steel < 750 N/mm ²	0.039 mm
Shank Ø D_s	20 mm
Overall length L	104 mm
Flute length L_c	38 mm
Direction of infeed	horizontal, oblique and vertical

Shank	DIN 1835 B to h6
Tolerance nominal Ø	k10
Helix angle	30-40 °
Corner chamfer angle	90 °
Coating	TiAlN
Tool material	HSS Co 8
Standard	DIN 844 B
Type	N
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	120 m/min	N
Steel < 500 N/mm ²	suitable	78 m/min	P
Steel < 750 N/mm ²	suitable	55 m/min	P
Steel < 900 N/mm ²	suitable	55 m/min	P
INOX < 900 N/mm ²	suitable	17 m/min	M
INOX > 900 N/mm ²	suitable only under restricted conditions	14 m/min	M
GG(G)	suitable only under restricted conditions	46 m/min	K
CuZn	suitable only under restricted conditions	92 m/min	N
Uni	suitable		
wet maximum	suitable		