

High performance end mill, uncoated, Ø js12 DC: 20mm



Order data

Order number	191850 20		
GTIN	4045197105578		
Item class	11W		

Description

Version:

Multi-flute mills with ground chip breaker on flutes.

End cutting teeth for plunging.

Special surface treatment.

Advantage:

Applicable as finishing cutter with particularly high cutting performance.

Technical description

No. of teeth Z	4		
Cutting edge Ø D _c	20 mm		
Feed f_z for slot milling in steel < 750 N/mm ²	0.06 mm		
Shank Ø D₅	20 mm		
Overall length L	110 mm		
Flute length L _c	45 mm		
Direction of infeed	horizontal, oblique and vertical		
Shank	DIN 1835 B to h6		
Tolerance nominal ∅	js12		
Helix angle	30 degrees		
Corner chamfer angle	90 degrees		
Coating	uncoated		

Tool material	HSS Co 8		
Standard	Manufacturer's standard		
Milling profile	NF		
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	83 m/min	N
Steel < 500 N/mm ²	suitable	28 m/min	Р
Steel < 750 N/mm ²	suitable	23 m/min	Р
Steel < 900 N/mm ²	suitable only under restricted conditions	23 m/min	Р
GG(G)	suitable only under restricted conditions	23 m/min	К
CuZn	suitable only under restricted conditions	55 m/min	N
Uni	suitable		
wet maximum	suitable		