

Garant
End mill, uncoated, Ø k10 DC: 18mm

Order data

Order number	191620 18
GTIN	4045197104052
Item class	11W

Description
Version:

Multi-flute end mill. End face recessed.

Advantage:

Particularly for machining at recessed or difficult to access places or for milling deep opened ended pockets in one operation.

Technical description

Feed f_z for slot milling in steel $< 750 \text{ N/mm}^2$	0.04 mm
No. of teeth Z	5
Cutting edge Ø D_c	18 mm
Shank Ø D_s	16 mm
Overall length L	160 mm
Flute length L_c	100 mm
Direction of infeed	horizontal and oblique
Shank	DIN 1835 B to h6
Tolerance nominal Ø	k10
Helix angle	30 degrees
Corner chamfer angle	90 degrees
Coating	uncoated
Tool material	HSS Co 8

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	83 m/min	N
Steel < 500 N/mm ²	suitable	28 m/min	P
Steel < 750 N/mm ²	suitable	23 m/min	P
Steel < 900 N/mm ²	suitable only under restricted conditions	23 m/min	P
GG(G)	suitable only under restricted conditions	23 m/min	K
CuZn	suitable only under restricted conditions	55 m/min	N
Uni	suitable		
wet maximum	suitable		