

Garant
Semi-roughing end mill, uncoated, Ø k12 DC: 18mm

Order data

Order number	191710 18
GTIN	4045197104816
Item class	11W

Description

Version:
Relief ground fine pitch semi-roughing profile.

Technical description

No. of teeth Z	4
Cutting edge Ø D _c	18 mm
Feed f _z for slot milling in steel < 750 N/mm ²	0.05 mm
Shank Ø D _s	16 mm
Overall length L	92 mm
Flute length L _c	32 mm
Direction of infeed	horizontal and oblique
Shank	DIN 1835 B to h6
Tolerance nominal Ø	k12
Helix angle	27-30 degrees
Corner chamfer angle	90 degrees
Coating	uncoated
Tool material	HSS Co 8
Standard	DIN 844 B
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	30 m/min	P
Steel < 750 N/mm ²	suitable	25 m/min	P
Steel < 900 N/mm ²	suitable only under restricted conditions	25 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		