

Garant
Semi-roughing end mill, uncoated, Ø k10 DC: 11mm

Order data

Order number	191640 11
GTIN	4045197104335
Item class	11W

Description
Version:
Universal end mill with relief ground semi-roughing profile.

Centre cutting teeth for plunging.

Eccentric relief ground.

Universal cutting edge geometry.

Technical description

No. of teeth Z	3
Cutting edge Ø D _c	11 mm
Feed f _z for slot milling in steel < 750 N/mm ²	0.03 mm
Corner chamfer width at 45°	0.5 mm
Shank Ø D _s	12 mm
Overall length L	79 mm
Flute length L _c	22 mm
Direction of infeed	horizontal, oblique and vertical
Shank	DIN 1835 B to h6
Tolerance nominal Ø	k10
Helix angle	25 degrees
Corner chamfer angle	45 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
CuZn	suitable only under restricted conditions	55 m/min	N
Uni	suitable		
wet maximum	suitable		