

Garant
Semi-roughing end mill, uncoated, Ø k10 DC: 10mm

Order data

Order number	191700 10
GTIN	4045197104601
Item class	11W

Description
Version:
Relief ground truncated-type roughing profile.

Centre cutting teeth for plunging.

The wide tooth lands can be re-ground frequently without losing the profile.

Universal cutter for profile milling or for plunging.

Advantage:

Compared to multi-flute cutters, **better chip evacuation due to larger flutes.**

Technical description

Cutting edge Ø D _c	10 mm
Corner chamfer width at 45°	0.3 mm
No. of teeth Z	3
Feed f _z for slot milling in steel < 750 N/mm ²	0.025 mm
Shank Ø D _s	10 mm
Overall length L	95 mm
Flute length L _c	45 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
GG(G)	suitable only under restricted conditions	23 m/min	K
CuZn	suitable only under restricted conditions	55 m/min	N
Uni	suitable only under restricted conditions		
wet maximum	suitable		