Garant

Roughing end mill HSS-Co8, uncoated, ∅ js12 DC: 16mm

Order data

Order number	192400 16
GTIN	4045197105967
Item class	11W

Description

Version:
Relief ground knuckle form profile.
Centre cutting teeth for plunging.
Universal end mills for profile milling or for plunging.
Advantage:
Compared to multi–flute cutters, **better chip evacuation due to larger flutes.**

Technical description

Feed f_z for slot milling in steel < 750 N/mm^2	0.04 mm
Corner chamfer width at 45°	0.6 mm
Cutting edge ∅ D_C	16 mm
No. of teeth Z	3
Shank ∅ D_s	16 mm
Overall length L	92 mm
Flute length L_c	32 mm
Direction of infeed	horizontal, oblique and vertical
Shank	DIN 1835 B to h6
Tolerance nominal ∅	js12
Helix angle	25 degrees
Corner chamfer angle	45 degrees

Coating	uncoated
Tool material	HSS Co 8
Standard	DIN 844 B
Milling profile	NR
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/mm²	suitable	28 m/min	P
Steel < 750 N/mm²	suitable	23 m/min	P
Steel < 900 N/mm²	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		