

Garant
Semi-roughing shell end mill NF, uncoated, Ø×width js16: 100X50mm

Order data

Order number	182500 100X50
GTIN	4045197096944
Item class	11U

Description
Version:

Relief ground profile. Wide lands permit frequent regrinding without losing the profile.

Note:

f_z for $a_e = 0.5 - 1 \times D$.

Technical description

No. of teeth Z	10
Bore Ø H7	32 mm
Cutting edge Ø D_c	100 mm
Feed f_z for side milling in steel < 750 N/mm ²	0.07 mm
Shank type	with bore
Overall height	50 mm
Coating	uncoated
Tool material	HSS Co 5
Standard	DIN 1880 T1

Milling profile	NF
Tolerance nominal \varnothing	js16
Shell end mill arbor	With drive keyway
Helix angle	27 degrees
Direction of infeed	horizontal and oblique
Through-coolant	no
Corner chamfer angle	90 degrees
Colour ring	without
Type of product	Cylindrical milling cutter

User data

	Suitability	V_c	ISO code
Steel < 500 N/mm ²	suitable	30 m/min	P
Steel < 750 N/mm ²	suitable	28 m/min	P
Steel < 900 N/mm ²	suitable	25 m/min	P
INOX < 900 N/mm ²	suitable	20 m/min	M
INOX > 900 N/mm ²	suitable	18 m/min	M
CuZn	suitable	45 m/min	N
Uni	suitable		
wet maximum	suitable		