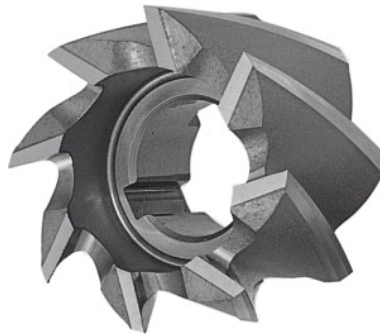


**Garant****Shell end mill N, uncoated, Ø×width js16: 50X36mm****Order data**

Order number	181500 50X36
GTIN	4045197096470
Item class	11U

**Description****Version:**

The end mills cut on the front face and on the circumference.

**Application:**

**Type N** = standard toothing, 30° helix.

**Note:**

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

**Technical description**

Bore Ø H7	22 mm
No. of teeth Z	8
Cutting edge Ø D <sub>c</sub>	50 mm
Feed $f_z$ for side milling in steel < 750 N/mm <sup>2</sup>	0.07 mm
Shank type	with bore
Overall height	36 mm
Coating	uncoated

Tool material	HSS Co 5
Standard	DIN 1880 T1
Type	N
Tolerance nominal $\varnothing$	js16
Shell end mill arbor	With drive keyway
Helix angle	30 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 <sup>2</sup>	suitable	30 m/min	P
Steel < 750 N/mm <sup>2</sup>	suitable	28 m/min	P
Steel < 900 N/mm <sup>2</sup>	Suitable	25 m/min	P
INOX < 900 N/mm <sup>2</sup>	suitable	20 m/min	M
INOX > 900 N/mm <sup>2</sup>	suitable	18 m/min	M
Uni	suitable only under restricted conditions		
wet maximum	suitable		