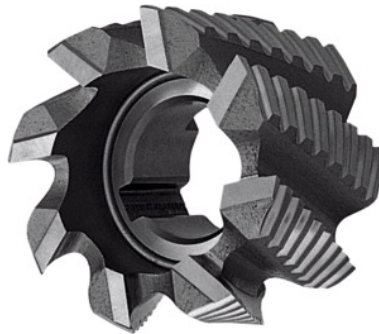


**Garant**
**Semi-roughing shell end mill NF, uncoated, Ø×width js16: 40X32mm**

**Order data**

Order number	182500 40X32
GTIN	4045197096906
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**

Bore Ø H7	16 mm
No. of teeth Z	6
Cutting edge Ø $D_c$	40 mm
Feed $f_z$ for side milling in steel < 750 N/mm <sup>2</sup>	0.07 mm
Shank type	with bore
Overall height	32 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 <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
CuZn	suitable	45 m/min	N
Uni	suitable		
wet maximum	suitable		