

**Garant**
**Roughing shell end mill NR, TiN, Ø×width js16: 40X32 mm**

**Order data**

Order number	182220 40X32
GTIN	4045197096791
Item class	11U

**Description**
**Version:**
**Relief ground profile.**
**Roughing end mill** with round knuckle profile.

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

 Bore  $\varnothing$  H7: 16 mm

No. of teeth Z: 6

 Feed  $f_z$  for side milling in steel  $< 900 \text{ N/mm}^2$ : 0.07 mm

**Technical description**

No. of teeth Z	6
Bore $\varnothing$ H7	16 mm
Cutting edge $\varnothing D_c$	40 mm
Feed $f_z$ for side milling in steel $< 900 \text{ N/mm}^2$	0.07 mm
Shank type	with bore
Overall height	32 mm

Coating	TiN
Tool material	HSS Co 5
Standard	DIN 1880 T1
Milling profile	NR
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