

**Garant**
**Roughing shell end mill NR, TiN,  $\varnothing$ ×width js16: 63X40 mm**

**Order data**

Order number	182220 63X40
GTIN	4045197096814
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: 27 mm

No. of teeth Z: 8

 Feed  $f_z$  for side milling in steel < 900 N/mm<sup>2</sup>: 0.07 mm

**Technical description**

Bore $\varnothing$ H7	27 mm
Cutting edge $\varnothing$ D <sub>c</sub>	63 mm
No. of teeth Z	8
Feed $f_z$ for side milling in steel < 900 N/mm <sup>2</sup>	0.07 mm
Shank type	with bore
Overall height	40 mm

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