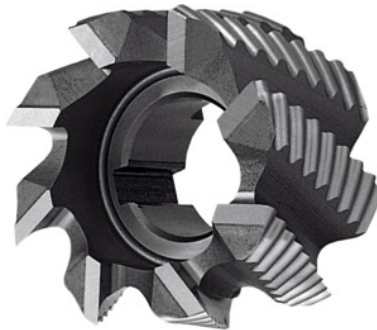


**Garant**
**Roughing shell end mill NR, uncoated, Ø×width js16: 63X40 mm**

**Order data**

|              |               |
|--------------|---------------|
| Order number | 182200 63X40  |
| GTIN         | 4045197096753 |
| Item class   | 11U           |

**Description**
**Version:**

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

**Note:**

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

Bore  $\varnothing$  H7: 27 mm

No. of teeth Z: 8

Feed  $f_z$  for side milling in steel  $< 750 \text{ N/mm}^2$ : 0.07 mm

**Technical description**

|   |           |
|---|-----------|
| Cutting edge $\varnothing D_c$                              | 63 mm     |
| Bore $\varnothing$ H7                                       | 27 mm     |
| No. of teeth Z  | 8         |
| Feed $f_z$ for side milling in steel $< 750 \text{ N/mm}^2$ | 0.07 mm   |
| Shank type  | with bore |
| Overall height  | 40 mm     |
| Coating   | uncoated  |

|                                 |                            |
|---------------------------------|----------------------------|
| 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 |