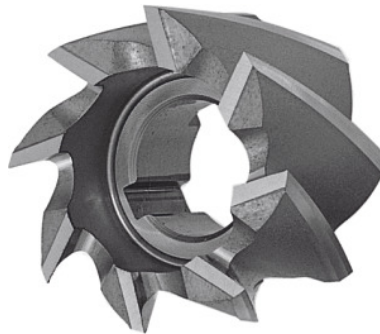


**Garant**
**Shell end mill N, uncoated,  $\text{\O} \times \text{width js16}$ : 100X50 mm**

**Order data**

|              |               |
|--------------|---------------|
| Order number | 181500 100X50 |
| GTIN         | 4045197096500 |
| 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  $a_e = 0.5 - 1 \times D$ .

Bore  $\text{\O} \text{ H7}$ : 32 mm

No. of teeth Z: 12

Feed  $f_z$  for side milling in steel < 750 N/mm<sup>2</sup>: 0.07 mm

**Technical description**

|  |           |
|--|-----------|
| Bore $\text{\O} \text{ H7}$                                  | 32 mm     |
| Cutting edge $\text{\O} \text{ D}_c$                         | 100 mm    |
| No. of teeth Z   | 12        |
| Feed $f_z$ for side milling in steel < 750 N/mm <sup>2</sup> | 0.07 mm   |
| Shank type   | with bore |

|                                 |                            |
|---------------------------------|----------------------------|
| Overall height                  | 50 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 |