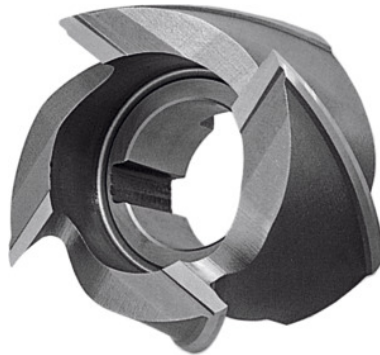


**Garant**
**Shell end mill W, uncoated,  $\varnothing$ ×width js16: 63X40mm**

**Order data**

Order number	181700 63X40
GTIN	4045197096593
Item class	11U

**Description**
**Version:**

The end mills cut on the front face and on the circumference.

**Application:**

**Type W** = coarse toothing, 40° helix.

**Note:**

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

**Technical description**

Bore $\varnothing$ H7	27 mm
No. of teeth Z	4
Cutting edge $\varnothing$ $D_c$	63 mm
Feed $f_z$ for side milling in steel < 750 N/mm <sup>2</sup>	0.07 mm
Shank type	with bore
Overall height	40 mm
Coating	uncoated

Tool material	HSS Co 5
Standard	DIN 1880 T1
Type	W
Tolerance nominal $\varnothing$	js16
Shell end mill arbor	With drive keyway
Helix angle	40 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
Alu plastics	suitable	200 m/min	N
Aluminium (short chipping)	suitable	150 m/min	N
Steel < 500 N/mm <sup>2</sup>	suitable	30 m/min	P
wet maximum	suitable		