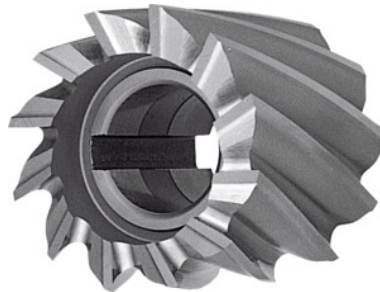


Garant**Shell end mill H, uncoated, $\text{\O} \times \text{width js16}$: 40X20mm****Order data**

Order number	181100 40X20
GTIN	4045197096364
Item class	11U

Description**Version:**

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

Application:

Type H = fine toothing, 20° helix.

Note:

Sizes 30×30, 35×35, 40×20, 50×25, 60×60 can only be mounted using a bore keyway.

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

Technical description

Cutting edge $\text{\O} D_c$	40 mm
Bore $\text{\O} H7$	16 mm
No. of teeth Z	10
Feed f_z for side milling in steel < 750 N/mm ²	0.07 mm
Shank type	with bore
Overall height	20 mm
Coating	uncoated

Tool material	HSS Co 5
Standard	DIN 841
Type	H
Tolerance nominal \varnothing	js16
Shell end mill arbor	With drive keyway
Helix angle	20 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
Steel < 750 N/mm ²	suitable	28 m/min	P
Steel < 900 N/mm ²	suitable	25 m/min	P
Steel < 1100 N/mm ²	suitable only under restricted conditions	22 m/min	P
GG(G)	Suitable	20 m/min	K
CuZn	suitable	45 m/min	N
Uni	Suitable		
wet maximum	suitable		