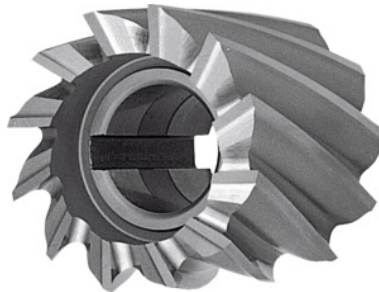


Garant
Shell end mill H, uncoated, Ø×width js16: 60X30mm

Order data

| | |
|--------------|---------------|
| Order number | 181100 60X30 |
| GTIN | 4045197096401 |
| 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 Ø D_c | 60 mm |
| No. of teeth Z | 12 |
| Bore Ø H7 | 27 mm |
| Feed f_z for side milling in steel < 750 N/mm ² | 0.07 mm |
| Shank type | with bore |
| Overall height | 30 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 | | |