

Garant

End mill HSS-PM, TiAlN, Ø k10 DC: 12 mm



Order data

Order number	191520 12
GTIN	4045197103215
Item class	11W

Description

Version:

Multi-flute end mill. **Eccentric relief ground.**

For the highest demands in respect to material removal rates.

Excellent results when **milling dry.**

Size 6M–25M **MID mills:**

Dimensions to **manufacturer's standard**, which lies **between** DIN 844 **short** and DIN 844 **long**.

Particularly suitable for **mould** and **tool making**, as the **medium length** provides higher **rigidity** than long series mills to DIN 844.

Through-coolant: no

Tolerance nominal Ø: k10

No. of teeth Z: 4

Helix angle: 30-40 degrees

Direction of infeed: horizontal, oblique and vertical

Shank: DIN 1835 B to h6

No. of teeth Z: 4

Flute length L_c : 26 mm

Overall length L: 83 mm

Shank Ø D_s : 12 mm

Feed f_z for slot milling in steel < 750 N/mm²: 0.028 mm

Technical description

No. of teeth Z	4
Cutting edge Ø D_c	12 mm
Feed f_z for slot milling in steel < 750 N/mm ²	0.028 mm

Shank $\varnothing D_s$	12 mm
Overall length L	83 mm
Flute length L_c	26 mm
Direction of infeed	horizontal, oblique and vertical
Shank	DIN 1835 B to h6
Tolerance nominal \varnothing	k10
Helix angle	30-40 degrees
Corner chamfer angle	90 degrees
Coating	TiAlN
Tool material	HSS PM
Standard	DIN 844 B
Type	N
Through-coolant	no
Colour ring	without
Type of product	End mill