

Garant
HSS jobber drill N, uncoated, Ø DC h8: 12 mm

Order data

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|--------------|---------------|
| Order number | 116340 12 |
| GTIN | 4045197030146 |
| Item class | 11C |

Description
Version:

Special surface treatment, resulting in reduced tendency to edge build-up **and improved chip evacuation.**

Top quality high performance twist drills.

Cutting edge section ≤ 26.5 mm \varnothing ground from solid, > 26.5 mm \varnothing milled. This ensures high concentricity and pitch accuracy, and precision ground point up to 40 mm \varnothing .

With shape A point.

Note:

For suitable reducing adapters for tools with MT shanks see **No. 343000-343530.**

Through-coolant: no

Standard: DIN 345

Tolerance nominal \varnothing : h8

Point angle: 118 degrees

Number of cutting edges Z: 2

recommended maximum drilling depth L_2 : 83 mm

Flute length L_c : 101 mm

Overall length L: 182 mm

Morse taper MT size: 1

Feed f in steel < 750 N/mm²: 0.16 mm/rev.

Technical description

| | |
|---|--------------|
| Nominal $\varnothing D_c$ | 12 mm |
| Flute length L_c | 101 mm |
| Number of cutting edges Z | 2 |
| Feed f in steel < 750 N/mm ² | 0.16 mm/rev. |

| | |
|---|---------------|
| Tolerance nominal \varnothing | h8 |
| Overall length L | 182 mm |
| Morse taper MT size | 1 |
| Standard | DIN 345 |
| recommended maximum drilling depth L ₂ | 83 mm |
| Point angle | 118 degrees |
| Coating | uncoated |
| Tool material | HSS |
| Type | N |
| Helix angle | 20-30 degrees |
| Shank | Morse taper |
| Through-coolant | no |
| Colour ring | without |
| Type of product | Jobber drill |