

Garant
Jobber drill long HSS N, uncoated, Ø DC h8: 23 mm

Order data

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|--------------|---------------|
| Order number | 116700 23 |
| GTIN | 4045197034441 |
| Item class | 11C |

Description
Version:

Compared to DIN 345 the flute length is longer by the drill bushing height. Thus the effective drilling depth is unaffected. Special surface treatment for improved chip evacuation.

With point geometry shape A.

Advantage:

For drilling through drill bushings in tool making, machine building and series production. Particularly important for drilling into uneven, inclined or arched surfaces.

Recommendation:
Maximum drilling depth:

$$L_2 = L_c - 1.5 \times D_c$$

Note:

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

Through-coolant: no

Standard: DIN 341

Tolerance nominal Ø: h8

Point angle: 118 degrees

Number of cutting edges Z: 2

recommended maximum drilling depth L_2 : 163.5 mm

Flute length L_c : 198 mm

Overall length L: 296 mm

Morse taper MT size: 2

Feed f in steel < 750 N/mm²: 0.2 mm/rev.

Technical description

| | |
|---|-------------|
| Feed f in steel < 750 N/mm ² | 0.2 mm/rev. |
| Nominal Ø D_c | 23 mm |

| | |
|---|---------------|
| Number of cutting edges Z | 2 |
| Flute length L _c | 198 mm |
| Tolerance nominal Ø | h8 |
| Overall length L | 296 mm |
| Morse taper MT size | 2 |
| Standard | DIN 341 |
| recommended maximum drilling depth L ₂ | 163.5 mm |
| Point angle | 118 degrees |
| Coating | uncoated |
| Tool material | HSS |
| Type | N |
| Helix angle | 16-30 degrees |
| Shank | Morse taper |
| Through-coolant | no |
| Colour ring | without |
| Type of product | Jobber drill |