

Garant
HSS jobber drill N, uncoated, Ø DC h8: 51 mm

Order data

| | |
|--------------|---------------|
| Order number | 116340 51 |
| GTIN | 4045197031105 |
| 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.

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 345

Tolerance nominal \varnothing : h8

Point angle: 118 degrees

Number of cutting edges Z: 2

recommended maximum drilling depth L_2 : 148.5 mm

Flute length L_c : 225 mm

Overall length L: 412 mm

Morse taper MT size: 5

Feed f in steel < 750 N/mm²: 0.32 mm/rev.

Technical description

| | |
|---------------------------|--------|
| Flute length L_c | 225 mm |
| Number of cutting edges Z | 2 |

| | |
|---|---------------|
| Feed f in steel < 750 N/mm ² | 0.32 mm/rev. |
| Nominal Ø D _c | 51 mm |
| Tolerance nominal Ø | h8 |
| Overall length L | 412 mm |
| Morse taper MT size | 5 |
| Standard | DIN 345 |
| recommended maximum drilling depth L ₂ | 148.5 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 |