

Garant
HSS core drill N, uncoated, Ø DC h8: 28,7mm


Order data

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|--------------|---------------|
| Order number | 116620 28,7 |
| GTIN | 4062406097356 |
| Item class | 11C |

Description

Version:

Strong core. Sturdy jobber drill for better guidance in the hole

Advantage:

Particularly suitable **for drilling out** holes that are out of round. Misaligned holes can be aligned.

Recommendation:
Maximum drilling depth:

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

Note:
Please note:

Do not drill the respective tapping hole Ø (see table) less than the stated size.

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

Technical description

| | |
|---|--------------|
| Feed f in steel < 750 N/mm ² | 0.27 mm/rev. |
| Nominal Ø D _c | 28.7 mm |
| Min. pre-drilling -Ø D _{min} | 20 mm |
| Standard | DIN 343 |
| Number of cutting edges Z | 3 |
| Morse taper MT size | 3 |
| Flute length L _c | 175 mm |
| Tolerance nominal Ø | h8 |
| recommended maximum drilling depth L ₂ | 132 mm |

| | |
|------------------|--------------|
| Overall length L | 296 mm |
| Point angle | 120 degrees |
| Shank | Morse taper |
| Coating | uncoated |
| Tool material | HSS |
| Type | N |
| Through-coolant | no |
| Colour ring | without |
| Type of product | Jobber drill |

User data

| | Suitability | V _c | ISO code |
|--------------------------------|---|----------------|----------|
| Aluminium (short chipping) | suitable only under restricted conditions | 45 m/min | N |
| Steel < 500 N/mm ² | suitable | 40 m/min | P |
| Steel < 750 N/mm ² | suitable | 30 m/min | P |
| Steel < 900 N/mm ² | suitable | 25 m/min | P |
| Steel < 1100 N/mm ² | suitable only under restricted conditions | 10 m/min | P |
| Steel < 1400 N/mm ² | suitable only under restricted conditions | 8 m/min | P |
| INOX < 900 N/mm ² | suitable only under restricted conditions | 12 m/min | M |
| GG(G) | suitable only under restricted conditions | 25 m/min | K |
| wet maximum | suitable | | |