

Garant
HSS jobber drill N, uncoated, Ø DC h8 (mm or inch): 1,75

Order data

| | |
|--------------|---------------|
| Order number | 114150 1,75 |
| GTIN | 4045197012579 |
| Item class | 11B |

Description
Version:

Profile ground: Jobber drill with high pitch accuracy and concentricity as well as precision ground point.

Steam tempered from Ø 2.4 mm.

With point geometry shape C from size 4 mm

Recommendation:
Maximum drilling depth:

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

Note:

Size 16 - 20: Drills with shank Ø 16 mm.

Technical description

| | |
|---------------------------------------------------|--------------|
| Feed f in steel < 750 N/mm ² | 0.03 mm/rev. |
| Nominal Ø D _c | 1.75 mm |
| Flute length L _c | 22 mm |
| Number of cutting edges Z | 2 |
| Tolerance nominal Ø | h8 |
| Shank Ø D _s | 1.75 mm |
| Overall length L | 46 mm |
| Standard | DIN 338 |
| recommended maximum drilling depth L ₂ | 19.4 mm |
| Point angle | 118 degrees |

| | |
|-----------------|--------------|
| Shank | Plain shank |
| 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 |
|--------------------------------|-------------------------------------------|----------------|----------|
| Alu plastics | suitable only under restricted conditions | 80 m/min | N |
| Aluminium (short chipping) | suitable only under restricted conditions | 45 m/min | N |
| Alu > 10% Si | suitable only under restricted conditions | 50 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 |
| GG(G) | suitable | 25 m/min | K |
| CuZn | suitable | 80 m/min | N |
| Oil | suitable | | |
| wet maximum | suitable | | |