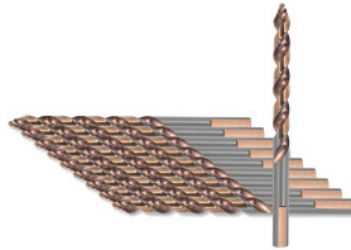


Garant

Value pack twist drill with step split point HSS N, 1 pieces, Ø DC h8: 5mm



Order data

| | |
|--------------|---------------|
| Order number | GG4005 5 |
| GTIN | 4067263133520 |
| Item class | GGN |

Description

Version:

Same as No. 114004.

Chamfers are nitrided. Particularly sturdy and robust due to the **strengthened core diameter**. Ground flutes, with high concentricity. Precision ground point. Three **drive flats on the shank** for use in a 3-jaw chuck.

- **Ideal for producing precise holes in sheet metal, pipes, and profiles.**
- **Reliable spot drilling without centring or centre punching – even on curved surfaces – thanks to innovative ground point.**
- **Oblique drilling possible without any problems after the first level of the drill tip has penetrated the material.**
- **Drilling with significantly less force required than with conventional DIN338 HSS drills – up to a diameter of 13 mm directly in the cordless drill/driver.**
- **Stable and secure form fit in the 3-jaw chuck.**
- **General use across a wide spectrum of materials including plastic, wood and acrylic without tearing or splintering.**
- **The drill does not rattle or dig in – even in the case of thin-walled materials.**
- **Burr-free drill exit.**
- **Ideal for drilling out bolts and rivets.**

With special cutter geometry also for use in stainless steels.

Recommendation:

Maximum drilling depth:

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

Technical description

| | |
|---|-------------------------|
| Shank $\varnothing D_s$ | 5 mm |
| Overall length L | 86 mm |
| Shank | Three drive flats shank |
| Feed f in steel < 750 N/mm ² | 0.1 mm/rev. |
| Standard | DIN 338 |
| recommended maximum drilling depth L ₂ | 44.5 mm |
| Number of cutting edges Z | 2 |
| Flute length L _c | 52 mm |
| Nominal $\varnothing D_c$ | 5 mm |
| Tolerance nominal \varnothing | h8 |
| Point angle | 118 degrees |
| Coating | uncoated |
| Tool material | HSS |
| Type | N |
| Through-coolant | no |
| Colour ring | without |
| Type of product | Twist Drill |

User data

| | Suitability | V _c | ISO code |
|-------------------------------|---|----------------|----------|
| Alu plastics | suitable only under restricted conditions | 70 m/min | N |
| Aluminium (short chipping) | suitable only under restricted conditions | 70 m/min | N |
| Alu > 10% Si | suitable only under restricted conditions | 50 m/min | N |
| Steel < 500 N/mm ² | suitable | 30 m/min | P |

| | | | |
|--------------------------------|---|----------|---|
| Steel < 750 N/mm ² | suitable | 27 m/min | P |
| Steel < 900 N/mm ² | suitable | 22 m/min | P |
| Steel < 1100 N/mm ² | suitable only under restricted conditions | 10 m/min | P |
| GG(G) | suitable | 25 m/min | K |
| CuZn | suitable only under restricted conditions | 50 m/min | N |
| Oil | suitable | | |
| wet maximum | suitable | | |

Accessories

Jobber drill with stepped tip HSSN Ø DC h8 5 mm

114004 5