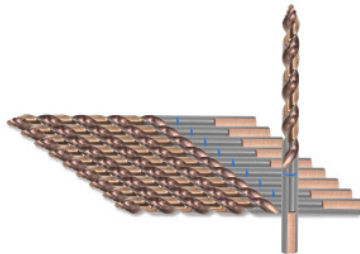


Garant**Jobber drill with stepped tip HSS-E INOX, uncoated, Ø DC h8: 1,5mm****Order data**

| | |
|--------------|---------------|
| Order number | GG4009 1,5 |
| GTIN | 4067263133742 |
| Item class | GGN |

Description**Version:****Same as No. 114008.**

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:**

$$L_2 = L_C - 1.5 \times D_C$$

Note:

Drills with plain shank, **without drive flat.**

Technical description

| | |
|--|--------------|
| Number of cutting edges Z | 2 |
| Flute length L_c | 18 mm |
| recommended maximum drilling depth L_2 | 15.8 mm |
| Standard | DIN 338 |
| Overall length L | 40 mm |
| Nominal $\varnothing D_c$ | 1.5 mm |
| Shank | Plain shank |
| Point angle | 118 degrees |
| Feed f in steel < 750 N/mm ² | 0.02 mm/rev. |
| Shank $\varnothing D_s$ | 1.5 mm |
| Tolerance nominal \varnothing | h8 |
| Coating | uncoated |
| Tool material | HSS E |
| Type | INOX |
| Through-coolant | no |
| Colour ring | blue |
| 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 | 35 m/min | P |

| | | | |
|--------------------------------|---|----------|---|
| Steel < 750 N/mm ² | suitable | 32 m/min | P |
| Steel < 900 N/mm ² | suitable | 25 m/min | P |
| Steel < 1100 N/mm ² | suitable only under restricted conditions | 15 m/min | P |
| INOX < 900 N/mm ² | suitable | 14 m/min | M |
| INOX > 900 N/mm ² | suitable | 12 m/min | M |
| GG(G) | suitable | 30 m/min | K |
| CuZn | suitable | 50 m/min | N |
| Oil | suitable | | |
| wet maximum | suitable | | |

Accessories

Jobber drill with stepped tip HSS-EStainless steel Ø DC h8
1,5 mm

114008 1,5