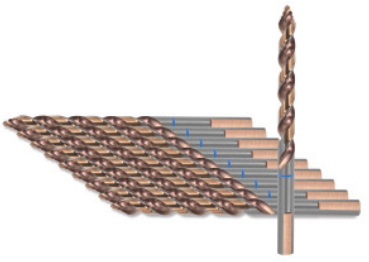
Data sheet

Garant

Value pack twist drill with step split point HSS-E Inox, 1 pieces



Order data

Order number	GG4009 5
GTIN	4067263133865
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:
$L_2 = L_C - 1.5 \times D_C$.

Technical description

Overall length L	86 mm
Point angle	118 degrees
recommended maximum drilling depth L_2	44.5 mm
Number of cutting edges Z	2
Flute length L_c	52 mm
Standard	DIN 338
Tolerance nominal ∅	h8
Shank ∅ D_s	5 mm
Shank	Three drive flats shank
Feed f in steel < 750 N/mm^2	0.1 mm/rev.
Contents	10
Nominal ∅ D_C	5 mm
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/mm²	suitable	35 m/min	P
Steel < 750 N/mm²	suitable	32 m/min	P
Steel < 900 N/mm²	suitable	25 m/min	P
Steel < 1100 N/mm²	suitable only under restricted conditions	15 m/min	P
INOX < 900 N/mm²	suitable	14 m/min	M
INOX > 900 N/mm²	suitable	12 m/min	M
GG(G)	suitable	30 m/min	K
CuZn	suitable	50 m/min	N
Oil	suitable		
wet maximum	suitable		

Suitable products

https://www.hoffmann-group.com/GB/en/hom/p/GG4009-5