8149261 | INC_A metal drill bit -HSS-E8 (cobalt 8%) -INCOCUT coated -DIN 338 -h8 -3xd -Split point -Type N -Cylindrical shank

Hi perf drill (3xØ). For manual use in Titanium and Inco/Alu/Ti stacks. INCOCUT coating improves cutting conditions and increases resistance to oxidation. Made in France.

- **Especially for refractory alloys**
- **Especially for Hard steels**
- **Maximum long life**
- **Ultra-precise drilling**
- **Made in France**

- Automatic centring
- 28° type N flute
- 8% cobalt HSS
- 135° tip
- INCOCUT coating

Machine

Application

N 1.1	N 1.2	N 1.3	N 1.4.1	N 1.4.2	N 1.4	N 2	S
N1-1-Aluminum-Series 1000 Alloy: Pure	N1-2-Aluminum-Series 2000 Alloy: with copper	N1-3-Alloy based on aluminum-series 3000: with manganese	N1-4-1-Aluminum-based alloy-4000 series: Silicon	N1-4-2--Aluminum Alloy-Series 4000: 0,5%	N1-4-based alloy Aluminum-4000 Series: With Silicon	N2-Magnesium alloy	S- Super Refractary Alloys

Features

Properties and benefits

- Split-point grinding:reduction of the drill tip. ➔ Enables the simple self-centring of the drill bit on the smoothest of surfaces. Significantly reduces the requried axial load.
- 28° type N flute : normal flute profile with a 28° helix angle. ➔ Suitable for general use. Provides good rigidity to the tool, as well as excellent drilling precision.
- 8% cobalt high-speed steel : HSS substrate enriched with 5% cobalt. Improved heat retention (strength, cutting sharpness). ➔ For general use in metals up to 1400 N/mm²;
- 135° tip: 135° tip angle for the sharpening of the drill bit. ➔ Suitable for strong and difficult materials. Enables a shorter and stronger cutting edge, thus prolonging the service life.
- INCOCUT coating : Thickness 2/4µm, hardness 3200 HV, coefficient of friction 0,35, resistance to heat (1100°C). ➔ Allows for a significant increase in cutting conditions. High oxidation resistance (high temperatures). Only for steel, stainless steel and titanium alloys.