

1144714 | Fully ground HSS E5 metal drill bit - Fusio Coating - DIN1897 - h8 - Welding point and sheet special sharpening PREMIUM (Plastic sleeve)

High-performance drill bit for drilling steel and stainless steel sheets. Drill for spot welding thanks to its special sharpening, its cobalt substrate and its FUSIO coating. Made in France.



- Especially for sheet metal and tubing
- Burr-free drilling
- Ultra-precise drilling
- Tough
- Made in France

- Sheet metal cutting
- Cylindrical shank
- 30° type N flute
- 5% cobalt HSS
- FUSIO coating

Machine



Application

M 1	N 1	P 1	P 2
M1- austenitic stainless steels	N1- Aluminum alloy	P1- Unrealized steels	P2- Weakly allied steels

Features



Properties and benefits

- + Sheet metal cutting: with centring tip and lip. ➡ Circular and burr-free drilling of thin sheet metals. Suitable for the misalignment of weld points.
- + Cylindrical shank: the diameter of the shank is equal to the diameter of the tip. ➡ Enables versatile use on portable electrical tools and CNC machine tools.
- + 30° type N flute: normal flute profile with a 30° helix angle. ➡ Suitable for general use. Provides good rigidity to the tool, as well as excellent drilling precision.
- + 5% cobalt high-speed steel: HSS substrate enriched with 5% cobalt. Improved heat retention (strength, cutting sharpness) ➡ For general use in metals up to 1200 N/mm².
- + FUSIO coating: Ti2CN base, thickness 2/4µm, hardness 3200HV, coefficient of friction 0.2, heat resist. 400°C. ➡ Thermal shield. Allows you to significantly increase service life, cutting speed, and progress. Reduces the axial load. Especially for steels.



Code	EAN	Ø	d2/CM	L	l	lu	QTY	PCB
11447140400	3221912377326	4	4	55	22		1	1
11447140600	3221912376107	6	6	66	28		1	1
11447140800	3221912376114	8	8	79	37		1	1
11447141000	3221912376121	10	10	89	43		1	1