



- Especially for refractory alloys
- Especially for Hard steels
- Ultra-precise drilling
- Made in France

- Automatic centring
- Cylindrical shank
- 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 1	S 2	S 4
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	S1- Iron- based alloy	S2- Nickel- based alloy	S4- Titanium- based alloy

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 required axial load.
- + 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.
- + 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.



Code	EAN	Ø	d2/CM	L	l	lu	QTY	PCB
81492910310	3221912189684	3,1	3,1	106	69	69	1	10
81492910320	3221912234070	3.2	3.2	106	69	69	1	10
81492910330	3221912172624	3.3	3.3	106	69	69	1	10
81492910350	3221912172730	3.5	3.5	112	73	73	1	10
81492910400	3221912172747	4.0	4.0	119	78	78	1	10
81492910404	3221912173522	4.04	4.04	119	78	78	1	10
81492910410	3221912172648	4.1	4.1	119	78	78	1	10
81492910420	3221912172655	4.2	4.2	119	78	78	1	10
81492910460	3221912172662	4.6	4.6	126	82	82	1	10
81492910470	3221912172679	4.7	4.7	126	82	82	1	10
81492910480	3221912172686	4.8	4.8	132	87	87	1	10
81492910500	3221912172754	5.0	5.0	132	87	87	1	10
81492910560	3221912172693	5.6	5.6	139	91	91	1	10
81492910600	3221912172709	6.0	6.0	139	91	91	1	10
81492910610	3221912172716	6.1	6.1	148	97	97	1	10

81492910625	3221912172723	6.25	6.25	148	97	97	1	10
81492910700	3221912270979	7.0	7.0	156	102	102	1	10
81492910750	3221912270986	7.5	7.5	156	102	102	1	10
81492910580	3221912359537	5.8	5.8	139	91	91	1	10
81492910680	3221912359544	6.8	6.8	156	102	102	1	10
81492910760	3221912359551	7.6	7.6	165	109	109	1	10