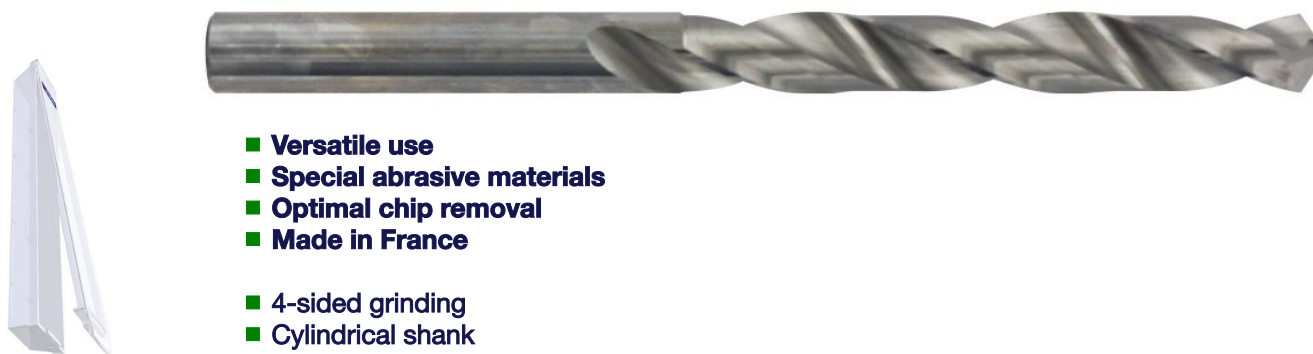


Drill for abrasive materials (3xØ). Good chip evacuation.



- **Versatile use**
- **Special abrasive materials**
- **Optimal chip removal**
- **Made in France**

- **4-sided grinding**
- **Cylindrical shank**
- **30° type N flute**
- **118° tip**

Machine



Application

N 1.1	N 1.2	N 1.3	N 1.4.1	N 1.4	N 3	O 1	P 1	P 2
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- based alloy Aluminum-4000 Series: With Silicon	N3- Copper alloy	O1- Thermoplastics	P1- Hardened steels	P2- Weakly allied steels

Features



Properties and benefits

- + 4-sided grinding: directly derived from the grinding of monobloc carbide drill bits. Flat cutting and undercutting sides with a constant clearance angle. ➡ Very high stability and excellent precision Particularly well-suited for difficult drilling applications (stainless steel...)
- + 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.
- + 118° tip: 118° tip angle for the sharpening of the drill bit. ➡ Suitable for general use in materials with long shavings. Enables the rapid attack of the material and simple centring.



Code	EAN	Ø	d2/CM	L	l	lu	QTY	PCB
82439210100	3221910809331	1	1	34	12		1	1
82439210110	3221910809348	1.1	1.1	36	14		1	1
82439210120	3221910809355	1.2	1.2	38	16		1	1
82439210130	3221910809362	1.3	1.3	38	16		1	1
82439210140	3221910809379	1.4	1.4	40	18		1	1
82439210150	3221910809386	1.5	1.5	40	18		1	1
82439210160	3221910809393	1.6	1.6	43	20		1	1
82439210170	3221910809409	1.7	1.7	43	20		1	1
82439210180	3221910809416	1.8	1.8	46	22		1	1
82439210190	3221910809423	1.9	1.9	46	22		1	1
82439210200	3221910809430	2	2	49	24		1	1
82439210210	3221910809447	2.1	2.1	49	24		1	1
82439210220	3221910809454	2.2	2.2	53	27		1	1
82439210230	3221910809461	2.3	2.3	53	27		1	1
82439210240	3221910809478	2.4	2.4	57	30		1	1

Drill for abrasive materials (3xØ). Good chip evacuation.

82439210250	3221910809485	2.5	2.5	57	30	1	1
82439210260	3221910809492	2.6	2.6	57	30	1	1
82439210270	3221910809508	2.7	2.7	61	33	1	1
82439210280	3221910809515	2.8	2.8	61	33	1	1
82439210290	3221910809522	2.9	2.9	61	33	1	1
82439210300	3221910809539	3	3	61	33	1	1
82439210310	3221910809546	3.1	3.1	65	36	1	1
82439210320	3221910809553	3.2	3.2	65	36	1	1
82439210330	3221910809560	3.3	3.3	65	36	1	1
82439210340	3221910809577	3.4	3.4	70	39	1	1
82439210350	3221910809584	3.5	3.5	70	39	1	1
82439210360	3221910809591	3.6	3.6	70	39	1	1
82439210370	3221910809607	3.7	3.7	70	39	1	1
82439210380	3221910809614	3.8	3.8	75	43	1	1
82439210390	3221910809621	3.9	3.9	75	43	1	1
82439210400	3221910809638	4	4	75	43	1	1
82439210410	3221910809645	4.1	4.1	75	43	1	1
82439210420	3221910809652	4.2	4.2	75	43	1	1
82439210430	3221910809669	4.3	4.3	80	47	1	1
82439210440	3221910809676	4.4	4.4	80	47	1	1
82439210450	3221910809683	4.5	4.5	80	47	1	1
82439210460	3221910809690	4.6	4.6	80	47	1	1
82439210470	3221910809706	4.7	4.7	80	47	1	1
82439210480	3221910809713	4.8	4.8	86	52	1	1
82439210490	3221910809720	4.9	4.9	86	52	1	1
82439210500	3221910809737	5	5	86	52	1	1
82439210510	3221910809744	5.1	5.1	86	52	1	1
82439210520	3221910809751	5.2	5.2	86	52	1	1
82439210530	3221910809768	5.3	5.3	86	52	1	1
82439210540	3221910809775	5.4	5.4	93	57	1	1
82439210550	3221910809782	5.5	5.5	93	57	1	1
82439210560	3221910809799	5.6	5.6	93	57	1	1
82439210570	3221910809805	5.7	5.7	93	57	1	1
82439210580	3221910809812	5.8	5.8	93	57	1	1
82439210590	3221910809829	5.9	5.9	93	57	1	1
82439210600	3221910809836	6	6	93	57	1	1
82439210610	3221910809843	6.1	6.1	101	63	1	1
82439210620	3221910809850	6.2	6.2	101	63	1	1
82439210630	3221910809867	6.3	6.3	101	63	1	1
82439210640	3221910809874	6.4	6.4	101	63	1	1
82439210650	3221910809881	6.5	6.5	101	63	1	1
82439210660	3221910809898	6.6	6.6	101	63	1	1
82439210670	3221910809904	6.7	6.7	101	63	1	1
82439210680	3221910809911	6.8	6.8	109	69	1	1
82439210690	3221910809928	6.9	6.9	109	69	1	1
82439210700	3221910809935	7	7	109	69	1	1
82439210750	3221910809980	7.5	7.5	109	69	1	1
82439210780	3221910810016	7.8	7.8	117	75	1	1
82439210800	3221910810030	8	8	117	75	1	1
82439210850	3221910810085	8.5	8.5	117	75	1	1
82439210900	3221910810108	9	9	125	81	1	1
82439210950	3221910810122	9.5	9.5	125	81	1	1
82439211000	3221910810146	10	10	133	87	1	1
82439211020	3221910810153	10.2	10.2	133	87	1	1
82439211050	3221910810160	10.5	10.5	133	87	1	1
82439211100	3221910810177	11	11	142	94	1	1
82439211150	3221910810184	11.5	11.5	142	94	1	1
82439211200	3221910810191	12	12	151	101	1	1
82439211300	3221910810207	13	13	151	101	1	1
82439211400	3221910810214	14	14	160	108	1	1