

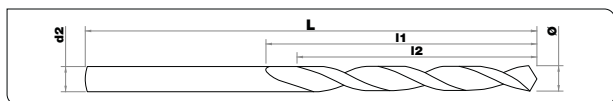
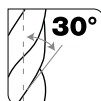
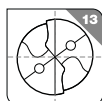
8243101	EAN	Ø	d2	L	I1	QTY PCB	€
82431011480	3221910871116	14,80	16,00	115	65	1	1
82431011490	3221910871123	14,90	16,00	115	65	1	1
82431011500	3221910871130	15,00	16,00	115	65	1	1
82431011510	3221910871147	15,10	16,00	115	65	1	1
82431011520	3221910871154	15,20	16,00	115	65	1	1
82431011525	3221910871161	15,25	16,00	115	65	1	1
82431011530	3221910871178	15,30	16,00	115	65	1	1
82431011540	3221910871185	15,40	16,00	115	65	1	1
82431011550	3221910871192	15,50	16,00	115	65	1	1
82431011560	3221910871208	15,60	16,00	115	65	1	1
82431011570	3221910871215	15,70	16,00	115	65	1	1
82431011580	3221910871222	15,80	16,00	115	65	1	1
82431011590	3221910871239	15,90	16,00	115	65	1	1
82431011600	3221910871246	16,00	16,00	115	65	1	1



**SIRIUS | SOLID CARBIDE DRILL
HELICA® | 5XD WITH COOLANT
FEED.**

**SIRIUS | BROCA METAL DURO
HELICA® | 5XD CON REFRIGERA-
CIÓN INTERNA.**

**SIRIUS | PUNTA IN MD HELICA | 5XD
CON REFRIGERAZIONE.**



Designed for difficult to machine alloys.
high performance.

Diseñado para aleaciones difíciles de
taladrar, alto rendimiento.

Concepita per le leghe di difficile lavora-
zione. Prestazioni elevate.



Steels for heat treatment
200-700N/mm²
Aceros para tratamiento térmico
200-700 N/mm²
Acciai per trattamento termico
200-700N/mm²



Steels for heat treatment
700-1200N/mm²
Aceros para tratamiento térmico
700-1200 N/mm²
Acciai per trattamento termico
700-1200N/mm²



Stainless Steels
Aceros inoxidables
Acciai inossidabili



Cast iron
Fundiciones
Ghisa



Aluminium alloys
Aleaciones de aluminio
Leghe di alluminio



Ni / Co based special alloys &
Titanium
Aleaciones refractarias Co / Ni
y Titanio
Leghe refrattarie Co / Ni i titanio



8244601	EAN	Ø	d2	L	I1	QTY PCB	€
82446010300	3221910871253	3,00	6,00	66	28	1	1
82446010310	3221910871260	3,10	6,00	66	28	1	1
82446010320	3221910871277	3,20	6,00	66	28	1	1
82446010330	3221910871284	3,30	6,00	66	28	1	1
82446010340	3221910871291	3,40	6,00	66	28	1	1
82446010350	3221910871307	3,50	6,00	66	28	1	1
82446010360	3221910871314	3,60	6,00	66	28	1	1
82446010370	3221910871321	3,70	6,00	66	28	1	1
82446010380	3221910871338	3,80	6,00	74	36	1	1
82446010390	3221910871345	3,90	6,00	74	36	1	1
82446010400	3221910871352	4,00	6,00	74	36	1	1
82446010410	3221910871369	4,10	6,00	74	36	1	1
82446010420	3221910871376	4,20	6,00	74	36	1	1
82446010430	3221910871383	4,30	6,00	74	36	1	1
82446010440	3221910871390	4,40	6,00	74	36	1	1
82446010450	3221910871406	4,50	6,00	74	36	1	1
82446010460	3221910871413	4,60	6,00	74	36	1	1
82446010465	3221910871420	4,65	6,00	74	36	1	1
82446010470	3221910871437	4,70	6,00	74	36	1	1
82446010480	3221910871444	4,80	6,00	82	44	1	1
82446010490	3221910871451	4,90	6,00	82	44	1	1
82446010500	3221910871468	5,00	6,00	82	44	1	1
82446010510	3221910871475	5,10	6,00	82	44	1	1
82446010520	3221910871482	5,20	6,00	82	44	1	1
82446010530	3221910871499	5,30	6,00	82	44	1	1
82446010540	3221910871505	5,40	6,00	82	44	1	1
82446010550	3221910871512	5,50	6,00	82	44	1	1
82446010555	3221910871529	5,55	6,00	82	44	1	1
82446010560	3221910871536	5,60	6,00	82	44	1	1
82446010570	3221910871543	5,70	6,00	82	44	1	1
82446010580	3221910871550	5,80	6,00	82	44	1	1
82446010590	3221910871567	5,90	6,00	82	44	1	1
82446010600	3221910871574	6,00	6,00	82	44	1	1
82446010610	3221910871581	6,10	8,00	91	53	1	1
82446010620	3221910871598	6,20	8,00	91	53	1	1





8244601	EAN	Ø	d2	L	I1	QTY PCB	€
82446010630	3221910871604	6,30	8,00	91	53	1 1	
82446010640	3221910871611	6,40	8,00	91	53	1 1	
82446010650	3221910871628	6,50	8,00	91	53	1 1	
82446010660	3221910871635	6,60	8,00	91	53	1 1	
82446010670	3221910871642	6,70	8,00	91	53	1 1	
82446010675	3221910871659	6,75	8,00	91	53	1 1	
82446010680	3221910871666	6,80	8,00	91	53	1 1	
82446010690	3221910871673	6,90	8,00	91	53	1 1	
82446010700	3221910871680	7,00	8,00	91	53	1 1	
82446010710	3221910871697	7,10	8,00	91	53	1 1	
82446010720	3221910871703	7,20	8,00	91	53	1 1	
82446010730	3221910871710	7,30	8,00	91	53	1 1	
82446010740	3221910871727	7,40	8,00	91	53	1 1	
82446010750	3221910871734	7,50	8,00	91	53	1 1	
82446010755	3221910871741	7,55	8,00	91	53	1 1	
82446010760	3221910871758	7,60	8,00	91	53	1 1	
82446010770	3221910871765	7,70	8,00	91	53	1 1	
82446010780	3221910871772	7,80	8,00	91	53	1 1	
82446010790	3221910871789	7,90	8,00	91	53	1 1	
82446010800	3221910871796	8,00	8,00	91	53	1 1	
82446010810	3221910871802	8,10	10,00	103	61	1 1	
82446010820	3221910871819	8,20	10,00	103	61	1 1	
82446010830	3221910871826	8,30	10,00	103	61	1 1	
82446010840	3221910871833	8,40	10,00	103	61	1 1	
82446010850	3221910871840	8,50	10,00	103	61	1 1	
82446010860	3221910871857	8,60	10,00	103	61	1 1	
82446010870	3221910871864	8,70	10,00	103	61	1 1	
82446010880	3221910871871	8,80	10,00	103	61	1 1	
82446010890	3221910871888	8,90	10,00	103	61	1 1	
82446010900	3221910871895	9,00	10,00	103	61	1 1	
82446010910	3221910871901	9,10	10,00	103	61	1 1	
82446010920	3221910871918	9,20	10,00	103	61	1 1	
82446010930	3221910871925	9,30	10,00	103	61	1 1	
82446010940	3221910871932	9,40	10,00	103	61	1 1	
82446010950	3221910871949	9,50	10,00	103	61	1 1	
82446010955	3221910871956	9,55	10,00	103	61	1 1	
82446010960	3221910871963	9,60	10,00	103	61	1 1	
82446010970	3221910871970	9,70	10,00	103	61	1 1	
82446010980	3221910871987	9,80	10,00	103	61	1 1	
82446010990	3221910871994	9,90	10,00	103	61	1 1	
82446011000	3221910872007	10,00	10,00	103	61	1 1	
82446011010	3221910872014	10,10	12,00	118	71	1 1	
82446011020	3221910872021	10,20	12,00	118	71	1 1	
82446011025	3221910872038	10,25	12,00	118	71	1 1	
82446011030	3221910872045	10,30	12,00	118	71	1 1	
82446011040	3221910872052	10,40	12,00	118	71	1 1	
82446011050	3221910872069	10,50	12,00	118	71	1 1	
82446011060	3221910872076	10,60	12,00	118	71	1 1	
82446011070	3221910872083	10,70	12,00	118	71	1 1	
82446011080	3221910872090	10,80	12,00	118	71	1 1	
82446011090	3221910872106	10,90	12,00	118	71	1 1	
82446011100	3221910872113	11,00	12,00	118	71	1 1	
82446011110	3221910872120	11,10	12,00	118	71	1 1	
82446011120	3221910872137	11,20	12,00	118	71	1 1	
82446011130	3221910872144	11,30	12,00	118	71	1 1	
82446011140	3221910872151	11,40	12,00	118	71	1 1	
82446011150	3221910872168	11,50	12,00	118	71	1 1	
82446011160	3221910872175	11,60	12,00	118	71	1 1	
82446011170	3221910872182	11,70	12,00	118	71	1 1	
82446011180	3221910872199	11,80	12,00	118	71	1 1	
82446011190	3221910872205	11,90	12,00	118	71	1 1	
82446011200	3221910872212	12,00	12,00	118	71	1 1	
82446011210	3221910872229	12,10	14,00	124	77	1 1	
82446011220	3221910872236	12,20	14,00	124	77	1 1	
82446011230	3221910872243	12,30	14,00	124	77	1 1	
82446011240	3221910872250	12,40	14,00	124	77	1 1	
82446011250	3221910872267	12,50	14,00	124	77	1 1	
82446011260	3221910872274	12,60	14,00	124	77	1 1	
82446011270	3221910872281	12,70	14,00	124	77	1 1	
82446011280	3221910872298	12,80	14,00	124	77	1 1	
82446011290	3221910872304	12,90	14,00	124	77	1 1	
82446011300	3221910872311	13,00	14,00	124	77	1 1	
82446011310	3221910872328	13,10	14,00	124	77	1 1	
82446011320	3221910872335	13,20	14,00	124	77	1 1	
82446011330	3221910872342	13,30	14,00	124	77	1 1	
82446011340	3221910872359	13,40	14,00	124	77	1 1	
82446011350	3221910872366	13,50	14,00	124	77	1 1	
82446011360	3221910872373	13,60	14,00	124	77	1 1	
82446011370	3221910872380	13,70	14,00	124	77	1 1	
82446011380	3221910872397	13,80	14,00	124	77	1 1	
82446011390	3221910872403	13,90	14,00	124	77	1 1	



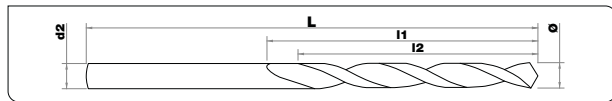
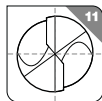
8244601	EAN	Ø	d2	L	I1	QTY PCB	€
82446011400	3221910872410	14,00	14,00	124	77	1 1	
82446011410	3221910872427	14,10	16,00	133	83	1 1	
82446011420	3221910872434	14,20	16,00	133	83	1 1	
82446011430	3221910872441	14,30	16,00	133	83	1 1	
82446011440	3221910872458	14,40	16,00	133	83	1 1	
82446011450	3221910872465	14,50	16,00	133	83	1 1	
82446011460	3221910872472	14,60	16,00	133	83	1 1	
82446011470	3221910872489	14,70	16,00	133	83	1 1	
82446011480	3221910872496	14,80	16,00	133	83	1 1	
82446011490	3221910872502	14,90	16,00	133	83	1 1	
82446011500	3221910872519	15,00	16,00	133	83	1 1	
82446011510	3221910872526	15,10	16,00	133	83	1 1	
82446011520	3221910872533	15,20	16,00	133	83	1 1	
82446011525	3221910872540	15,25	16,00	133	83	1 1	
82446011530	3221910872557	15,30	16,00	133	83	1 1	
82446011540	3221910872564	15,40	16,00	133	83	1 1	
82446011550	3221910872571	15,50	16,00	133	83	1 1	
82446011560	3221910872588	15,60	16,00	133	83	1 1	
82446011570	3221910872595	15,70	16,00	133	83	1 1	
82446011580	3221910872601	15,80	16,00	133	83	1 1	
82446011590	3221910872618	15,90	16,00	133	83	1 1	
82446011600	3221910872625	16,00	16,00	133	83	1 1	



**POLARIS | SOLID CARBIDE DRILL
TIALN | 3XD WITHOUT COOLANT
FEED.**

**POLARIS | BROCA METAL DURO
TIALN | 3XD SIN REFRIGERACIÓN
INTERNA.**

**POLARIS | PUNTA IN MD TIALN | 3XD
SENZA REFRIGERAZIONE.**



Designed for universal application.

Diseñado para uso universal.

Concepita per forature polivalenti.



Steels for heat treatment
200-700N/mm²
Aceros para tratamiento térmico
200-700 N/mm²
Acciai per trattamento termico
200-700N/mm²



Steels for heat treatment
700-1200N/mm²
Aceros para tratamiento térmico
700-1200 N/mm²
Acciai per trattamento termico
700-1200N/mm²



Cast iron
Fundiciones
Ghisa

8241501	EAN	Ø	d2	L	I1	QTY PCB	€
82415010300	3221910831882	3,00	6,00	62	20	1 1	
82415010330	3221910831899	3,30	6,00	62	20	1 1	
82415010350	3221910831905	3,50	6,00	62	20	1 1	
82415010400	3221910831912	4,00	6,00	66	24	1 1	
82415010420	3221910831929	4,20	6,00	66	24	1 1	
82415010450	3221910831936	4,50	6,00	66	24	1 1	
82415010500	3221910831943	5,00	6,00	66	28	1 1	
82415010550	3221910831950	5,50	6,00	66	28	1 1	
82415010600	3221910831967	6,00	6,00	66	28	1 1	
82415010650	3221910831974	6,50	8,00	79	34	1 1	
82415010675	3221910831981	6,75	8,00	79	34	1 1	
82415010680	3221910831998	6,80	8,00	79	34	1 1	
82415010700	3221910832001	7,00	8,00	79	34	1 1	
82415010750	3221910832018	7,50	8,00	79	41	1 1	
82415010800	3221910832025	8,00	8,00	79	41	1 1	
82415010850	3221910832032	8,50	8,00	79	41	1 1	
82415010900	3221910832049	9,00	10,00	89	47	1 1	
82415010950	3221910832056	9,50	10,00	89	47	1 1	
82415011000	3221910832063	10,00	10,00	89	47	1 1	
82415011020	3221910832070	10,20	12,00	102	55	1 1	
82415011050	3221910832087	10,50	12,00	102	55	1 1	
82415011100	3221910832094	11,00	12,00	102	55	1 1	
82415011150	3221910832100	11,50	12,00	102	55	1 1	
82415011200	3221910832117	12,00	12,00	102	55	1 1	
82415011250	3221910832124	12,50	14,00	107	60	1 1	
82415011300	3221910832131	13,00	14,00	107	60	1 1	
82415011350	3221910832148	13,50	14,00	107	60	1 1	
82415011400	3221910832155	14,00	14,00	107	60	1 1	
82415011450	3221910832162	14,50	16,00	115	65	1 1	
82415011500	3221910832179	15,00	16,00	115	65	1 1	
82415011550	3221910832186	15,50	16,00	115	65	1 1	
82415011600	3221910832193	16,00	16,00	115	65	1 1	

