

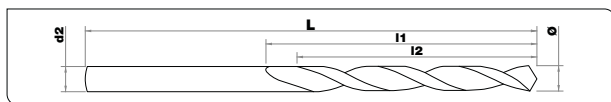
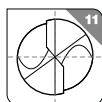
8244601	EAN	Ø	d2	L	I1	QTY PCB	€
82446011400	3221910872410	14,00	14,00	124	77	1 1	
82446011410	3221910872427	14,10	16,00	133	83	1 1	
82446011420	3221910872434	14,20	16,00	133	83	1 1	
82446011430	3221910872441	14,30	16,00	133	83	1 1	
82446011440	3221910872458	14,40	16,00	133	83	1 1	
82446011450	3221910872465	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 TIAN | 3XD  
SENZA REFRIGERAZIONE.**



Designed for universal application.

Diseñado para uso universal.

Concepita per forature polivalenti.



Steels for heat treatment  
200-700N/mm<sup>2</sup>  
Aceros para tratamiento térmico  
200-700 N/mm<sup>2</sup>  
Acciai per trattamento termico  
200-700N/mm<sup>2</sup>



Steels for heat treatment  
700-1200N/mm<sup>2</sup>  
Aceros para tratamiento térmico  
700-1200 N/mm<sup>2</sup>  
Acciai per trattamento termico  
700-1200N/mm<sup>2</sup>



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	

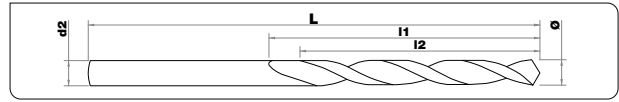
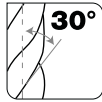
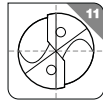




**POLARIS | SOLID CARBIDE DRILL  
TIALN | 5XD WITH COOLANT FEED.**

**POLARIS | BROCA METAL DURO  
TIALN | 5XD CON REFRIGERACIÓN  
INTERNA.**

**POLARIS | PUNTA IN MD TIANI | 5XD  
CON REFRIGERAZIONE.**



Designed for universal application.

Diseñado para uso universal.

Concepita per forature polivalenti.



Steels for heat treatment  
200-700N/mm<sup>2</sup>  
Aceros para tratamiento térmico  
200-700 N/mm<sup>2</sup>  
Acciai per trattamento termico  
200-700N/mm<sup>2</sup>



Steels for heat treatment  
700-1200N/mm<sup>2</sup>  
Aceros para tratamiento térmico  
700-1200 N/mm<sup>2</sup>  
Acciai per trattamento termico  
700-1200N/mm<sup>2</sup>



Stainless Steels  
Aceros inoxidables  
Acciai inossidabili



Cast iron  
Fundiciones  
Ghisa



8241701	EAN	Ø	d2	L	I1	QTY PCB	€
82417010400	3221910832575	4,00	6,00	74	36	1 1	
82417010420	3221910832582	4,20	6,00	74	36	1 1	
82417010450	3221910832599	4,50	6,00	74	36	1 1	
82417010500	3221910832605	5,00	6,00	82	44	1 1	
82417010550	3221910832612	5,50	6,00	82	44	1 1	
82417010600	3221910832629	6,00	6,00	82	44	1 1	
82417010650	3221910832636	6,50	8,00	91	53	1 1	
82417010675	3221910832643	6,75	8,00	91	53	1 1	
82417010680	3221910832650	6,80	8,00	91	53	1 1	
82417010700	3221910832667	7,00	8,00	91	53	1 1	
82417010750	3221910832674	7,50	8,00	91	53	1 1	
82417010800	3221910832681	8,00	8,00	91	53	1 1	
82417010850	3221910832698	8,50	10,00	103	61	1 1	
82417010900	3221910832704	9,00	10,00	103	61	1 1	
82417010950	3221910832711	9,50	10,00	103	61	1 1	
82417011000	3221910832728	10,00	10,00	103	61	1 1	
82417011020	3221910832735	10,20	12,00	118	71	1 1	
82417011050	3221910832742	10,50	12,00	118	71	1 1	
82417011100	3221910832759	11,00	12,00	118	71	1 1	
82417011150	3221910832766	11,50	12,00	118	71	1 1	
82417011200	3221910832773	12,00	12,00	118	71	1 1	
82417011250	3221910832780	12,50	14,00	124	77	1 1	
82417011300	3221910832797	13,00	14,00	124	77	1 1	
82417011350	3221910832803	13,50	14,00	124	77	1 1	
82417011400	3221910832810	14,00	14,00	124	77	1 1	
82417011450	3221910832827	14,50	16,00	133	83	1 1	
82417011500	3221910832834	15,00	16,00	133	83	1 1	
82417011550	3221910832841	15,50	16,00	133	83	1 1	
82417011600	3221910832858	16,00	16,00	133	83	1 1	
82417011650	3221910832865	16,50	18,00	143	93	1 1	
82417011700	3221910832872	17,00	18,00	143	93	1 1	
82417011750	3221910832889	17,50	18,00	143	93	1 1	
82417011800	3221910832896	18,00	18,00	143	93	1 1	
82417011850	3221910832902	18,50	20,00	153	101	1 1	
82417011900	3221910832919	19,00	20,00	153	101	1 1	
82417011950	3221910832926	19,50	20,00	153	101	1 1	
82417012000	3221910832933	20,00	20,00	153	101	1 1	

