

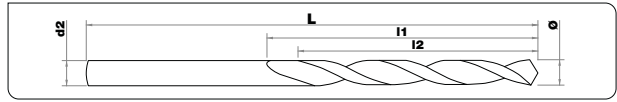
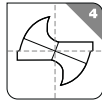
1145501	EAN	Ø	d2	L	I1	QTY PCB	€
11455011400	3221912002709	14,00	14,00	160	108	1	5
11455011500	3221912002730	15,00	15,00	168	114	1	5
11455011600	3221912002716	16,00	16,00	178	120	1	5



**HSS E5 FULLY GROUND JOBBER LENGTH DRILL. REDUCED SHANK I T LINE**

**BROCA HSS E5 RECTIFICADA CILÍDRICA. SERIE CORTA. MANGO REDUCIDO I T LINE**

**PUNTA HSS E5 CILINDRICA CORTA. TIPO N I GAMBO RIDOTTO I T LINE**



For steels and austenitic stainless steels.

Para aceros y aceros inoxidables austeníticos.

Foratura acciai e acciai inossidabili austenitici.



Heat Treatable Steels <400N/mm<sup>2</sup>  
Aceros aleados y tratados <400N/mm<sup>2</sup>  
Acciai per trattamento termico <400N/mm<sup>2</sup>



Heat Treatable Steels <700N/mm<sup>2</sup>  
Aceros aleados y tratados <700N/mm<sup>2</sup>  
Acciai per trattamento termico <700N/mm<sup>2</sup>



Heat Treatable Steels <950N/mm<sup>2</sup>  
Aceros aleados y tratados <950N/mm<sup>2</sup>  
Acciai per trattamento termico <950N/mm<sup>2</sup>

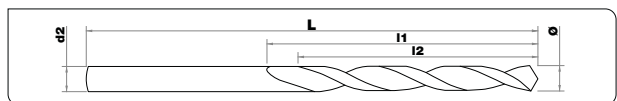
1145561	EAN	Ø	d2	L	I1	QTY PCB	€
11455611400	3221912002174	14,00	12,00	160	108	1	1
11455611500	3221912002181	15,00	12,00	169	114	1	1
11455611600	3221912002198	16,00	12,00	178	120	1	1
11455611700	3221912002204	17,00	12,00	184	125	1	1
11455611800	3221912002211	18,00	12,00	191	130	1	1
11455611900	3221912002235	19,00	12,00	198	135	1	1
11455612000	3221912002228	20,00	12,00	205	140	1	1



**HSS E5 BLADE FULLY GROUND JOBBER LENGTH DRILL. 4 FACET POINT.**

**BROCA HSS E5 BLADE RECTIFICADA CILÍDRICA CORTA. 4 CARAS.**

**PUNTA HSS E5 BLADE CILINDRICA CORTA I TIPO N I 4 LISTELLI.**



For austenitic stainless steels. Speed, life span.

Para aceros inoxidables austeníticos. Velocidad, duración de vida.

Foratura acciai inossidabili austenitici. Velocità e lunga durata.



Heat Treatable Steels <950N/mm<sup>2</sup>  
Aceros aleados y tratados <950N/mm<sup>2</sup>  
Acciai per trattamento termico <950N/mm<sup>2</sup>



Austenitic stainless steels  
Aceros inoxidables austeníticos  
Acciai inossidabili austenitici

1145611	EAN	Ø	d2	L	I1	QTY PCB	€
11456110100	3221912003485	1,00	1,00	34	12	1	10
11456110110	3221912003492	1,10	1,10	36	14	1	10
11456110120	3221912003508	1,20	1,20	38	16	1	10
11456110130	3221912003515	1,30	1,30	38	16	1	10
11456110140	3221912003522	1,40	1,40	40	18	1	10
11456110150	3221912003539	1,50	1,50	40	18	1	10
11456110160	3221912003546	1,60	1,60	43	20	1	10
11456110170	3221912003553	1,70	1,70	43	20	1	10
11456110180	3221912003560	1,80	1,80	46	22	1	10
11456110190	3221912003577	1,90	1,90	46	22	1	10
11456110200	3221912003584	2,00	2,00	49	24	1	10
11456110210	3221912003591	2,10	2,10	49	24	1	10
11456110220	3221912003607	2,20	2,20	53	27	1	10
11456110230	3221912003614	2,30	2,30	53	27	1	10
11456110240	3221912003621	2,40	2,40	57	30	1	10





<b>1145611</b>	<b>EAN</b>	<b>Ø</b>	<b>d2</b>	<b>L</b>	<b>I1</b>	<b>QTY PCB</b>	<b>€</b>
11456110250	3221912003638	2,50	2,50	57	30	1	10
11456110260	3221912003645	2,60	2,60	57	30	1	10
11456110270	3221912003652	2,70	2,70	61	33	1	10
11456110280	3221912003669	2,80	2,80	61	33	1	10
11456110290	3221912003676	2,90	2,90	61	33	1	10
11456110300	3221912003683	3,00	3,00	61	33	1	10
11456110310	3221912003690	3,10	3,10	65	36	1	10
11456110320	3221912003706	3,20	3,20	65	36	1	10
11456110330	3221912003713	3,30	3,30	65	36	1	10
11456110340	3221912003720	3,40	3,40	70	39	1	10
11456110350	3221912003737	3,50	3,50	70	39	1	10
11456110360	3221912003744	3,60	3,60	70	39	1	10
11456110370	3221912003751	3,70	3,70	70	39	1	10
11456110380	3221912003768	3,80	3,80	75	43	1	10
11456110390	3221912003775	3,90	3,90	75	43	1	10
11456110400	3221912003782	4,00	4,00	75	43	1	10
11456110410	3221912003799	4,10	4,10	75	43	1	10
11456110420	3221912003805	4,20	4,20	75	43	1	10
11456110430	3221912003812	4,30	4,30	80	47	1	10
11456110440	3221912003829	4,40	4,40	80	47	1	10
11456110450	3221912003836	4,50	4,50	80	47	1	10
11456110460	3221912003843	4,60	4,60	80	47	1	10
11456110470	3221912003850	4,70	4,70	80	47	1	10
11456110480	3221912003867	4,80	4,80	86	52	1	10
11456110490	3221912003874	4,90	4,90	86	52	1	10
11456110500	3221912003881	5,00	5,00	86	52	1	10
11456110510	3221912003898	5,10	5,10	86	52	1	10
11456110520	3221912003904	5,20	5,20	86	52	1	10
11456110530	3221912003911	5,30	5,30	86	52	1	10
11456110540	3221912003928	5,40	5,40	93	57	1	10
11456110550	3221912003935	5,50	5,50	93	57	1	10
11456110560	3221912003942	5,60	5,60	93	57	1	10
11456110570	3221912003959	5,70	5,70	93	57	1	10
11456110580	3221912003966	5,80	5,80	93	57	1	10
11456110590	3221912003973	5,90	5,90	93	57	1	10
11456110600	3221912003980	6,00	6,00	93	57	1	10
11456110610	3221912003997	6,10	6,10	101	63	1	10
11456110620	3221912004000	6,20	6,20	101	63	1	10
11456110630	3221912004017	6,30	6,30	101	63	1	10
11456110640	3221912004024	6,40	6,40	101	63	1	10
11456110650	3221912004031	6,50	6,50	101	63	1	10
11456110660	3221912004048	6,60	6,60	101	63	1	10
11456110670	3221912004055	6,70	6,70	101	63	1	10
11456110680	3221912004062	6,80	6,80	109	69	1	10
11456110690	3221912004079	6,90	6,90	109	69	1	10
11456110700	3221912004086	7,00	7,00	109	69	1	10
11456110710	3221912004093	7,10	7,10	109	69	1	10
11456110720	3221912004109	7,20	7,20	109	69	1	10
11456110730	3221912004116	7,30	7,30	109	69	1	10
11456110740	3221912004123	7,40	7,40	109	69	1	10
11456110750	3221912004130	7,50	7,50	109	69	1	10
11456110760	3221912004147	7,60	7,60	117	75	1	10
11456110770	3221912004154	7,70	7,70	117	75	1	10
11456110780	3221912004161	7,80	7,80	117	75	1	10
11456110790	3221912004178	7,90	7,90	117	75	1	10
11456110800	3221912004185	8,00	8,00	117	75	1	10
11456110810	3221912004208	8,10	8,10	117	75	1	5
11456110820	3221912004215	8,20	8,20	117	75	1	5
11456110830	3221912004222	8,30	8,30	117	75	1	5
11456110840	3221912004239	8,40	8,40	117	75	1	5
11456110850	3221912004246	8,50	8,50	117	75	1	5
11456110860	3221912004253	8,60	8,60	125	81	1	5
11456110870	3221912004260	8,70	8,70	125	81	1	5
11456110880	3221912004277	8,80	8,80	125	81	1	5
11456110890	3221912004284	8,90	8,90	125	81	1	5
11456110900	3221912004291	9,00	9,00	125	81	1	5
11456110910	3221912004307	9,10	9,10	125	81	1	5
11456110920	3221912004314	9,20	9,20	125	81	1	5
11456110930	3221912004321	9,30	9,30	125	81	1	5
11456110940	3221912004338	9,40	9,40	125	81	1	5
11456110950	3221912004345	9,50	9,50	125	81	1	5
11456110960	3221912004352	9,60	9,60	133	87	1	5
11456110970	3221912004369	9,70	9,70	133	87	1	5
11456110980	3221912004376	9,80	9,80	133	87	1	5
11456110990	3221912004383	9,90	9,90	133	87	1	5
11456111000	3221912004390	10,00	10,00	133	87	1	5
11456111020	3221912004406	10,20	10,20	133	87	1	5
11456111050	3221912004413	10,50	10,50	133	87	1	5
11456111100	3221912004420	11,00	11,00	142	94	1	5
11456111150	3221912004437	11,50	11,50	142	94	1	5
11456111200	3221912004444	12,00	12,00	151	101	1	5



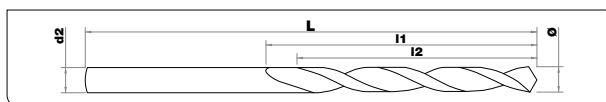
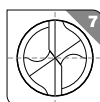
1145611	EAN	Ø	d2	L	I1	QTY PCB	€
11456111250	3221912004451	12,50	12,50	151	101	1	5
11456111300	3221912004468	13,00	13,00	151	101	1	5
11456111400	3221912004475	14,00	12,00	160	108	1	1
11456111500	3221912004482	15,00	12,00	169	114	1	1
11456111600	3221912004499	16,00	12,00	178	120	1	1
11456111700	3221912004505	17,00	12,00	184	125	1	1
11456111800	3221912004512	18,00	12,00	191	130	1	1
11456111900	3221912004529	19,00	12,00	198	135	1	1
11456112000	3221912004536	20,00	12,00	205	140	1	1



**HSS E5 FULLY GROUND JOBBER  
LENGTH DRILL. 4 FACET POINT.**

**BROCA HSS E5 RECTIFICADA CILÍN-  
DRICA CORTA.4 CARAS.**

**PUNTA HSS E5 CILINDRICA CORTA I  
TIPO N I 4 LISTELLI.**



For austenitic stainless steels

Para aceros inoxidables.

Foratura acciai inossidabili.



Ferritic stainless steels  
Aceros inoxidables ferríticos  
acciai inossidabili ferritici



Martensitic stainless steels  
Aceros inoxidables martensíticos  
acciai inossidabili martensitici



Austenitic stainless steels  
Aceros inoxidables austeníticos  
acciai inossidabili austenitici

1145581	EAN	Ø	d2	L	I1	QTY PCB	€
11455810080	3221912000330	0,80	0,80	30	10	1	10
11455810090	3221912000347	0,90	0,90	32	11	1	10
11455810100	3221912000354	1,00	1,00	34	12	1	10
11455810110	3221912000361	1,10	1,10	36	14	1	10
11455810120	3221912000378	1,20	1,20	38	16	1	10
11455810130	3221912000385	1,30	1,30	36	16	1	10
11455810140	3221912000392	1,40	1,40	40	18	1	10
11455810150	3221912000408	1,50	1,50	40	18	1	10
11455810160	3221912000415	1,60	1,60	43	20	1	10
11455810170	3221912000422	1,70	1,70	43	20	1	10
11455810180	3221912000439	1,80	1,80	46	22	1	10
11455810190	3221912000446	1,90	1,90	46	22	1	10
11455810200	3221912000453	2,00	2,00	49	24	1	10
11455810210	3221912000460	2,10	2,10	49	24	1	10
11455810220	3221912000477	2,20	2,20	53	27	1	10
11455810230	3221912000484	2,30	2,30	53	27	1	10
11455810240	3221912000491	2,40	2,40	57	30	1	10
11455810250	3221912000507	2,50	2,50	57	30	1	10
11455810260	3221912000514	2,60	2,60	57	30	1	10
11455810270	3221912000521	2,70	2,70	61	33	1	10
11455810275	3221912000538	2,75	2,75	61	33	1	10
11455810280	3221912000545	2,80	2,80	61	33	1	10
11455810290	3221912000552	2,90	2,90	61	33	1	10
11455810300	3221912000569	3,00	3,00	61	33	1	10
11455810310	3221912000576	3,10	3,10	65	36	1	10
11455810320	3221912000583	3,20	3,20	65	36	1	10
11455810325	3221912000590	3,25	3,25	65	36	1	10
11455810330	3221912000606	3,30	3,30	65	36	1	10
11455810340	3221912000613	3,40	3,40	70	39	1	10
11455810350	3221912000620	3,50	3,50	70	39	1	10
11455810360	3221912000637	3,60	3,60	70	39	1	10
11455810370	3221912000644	3,70	3,70	70	39	1	10
11455810375	3221912000651	3,75	3,75	70	39	1	10
11455810380	3221912000668	3,80	3,80	75	43	1	10
11455810390	3221912000682	3,90	3,90	75	43	1	10
11455810400	3221912000699	4,00	4,00	75	43	1	10
11455810410	3221912000705	4,10	4,10	75	43	1	10
11455810420	3221912000712	4,20	4,20	75	43	1	10
11455810425	3221912000729	4,25	4,25	75	43	1	10
11455810430	3221912000736	4,30	4,30	80	47	1	10
11455810440	3221912000743	4,40	4,40	80	47	1	10
11455810450	3221912000750	4,50	4,50	80	47	1	10
11455810460	3221912000767	4,60	4,60	80	47	1	10
11455810470	3221912000774	4,70	4,70	80	47	1	10
11455810475	3221912000781	4,75	4,75	80	47	1	10

