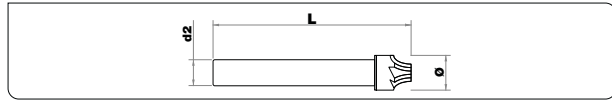
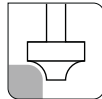




HSS E5 PROFILE CUTTERS CORNER ROUNDED RELIEVED.

FRESA DE FORMA HSS E5 CÓNCAVA 1/4.

FRESA A PROFILO HSS-E5, CONCAVA, 1/4 DI CERCHIO.



The HSS E5 Flexibility/life span, universal application.

Flexibilidad, duración de vida y uso polivalente.

Compromesso tra flessibilità/durata del HSS-E5, uso polivalente.



Heat Treatable Steels <400N/mm²
Aceros aleados y tratados < 400N/mm²
Acciai per trattamento termico <400N/mm²



Heat Treatable Steels <700N/mm²
Aceros aleados y tratados < 700N/mm²
Acciai per trattamento termico <700N/mm²

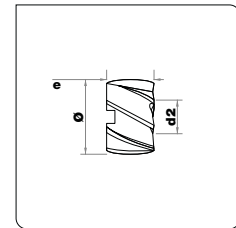
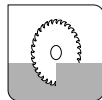
8031161	EAN	Ø	d2	R	Z	QTY	PCB
80311610100	3221910597023	8	6	1	3	1	1*
80311610150	3221910597030	9	5	1,5	3	1	1*
80311610200	3221910597047	10	5	2	3	1	1*
80311610250	3221910597054	12	8	2,5	3	1	1*
80311610300	3221910597061	13	8	3	3	1	1*
80311610350	3221910597078	14	8	3,5	3	1	1*
80311610400	3221910597085	16	8	4	3	1	1*
80311610450	3221910597092	17	12	4,5	3	1	1*
80311610600	3221910597115	20	12	6	3	1	1*
80311610700	3221910597122	23	12	7	5	1	1*
80311610800	3221910597139	26	12	8	5	1	1*
80311610900	3221910597146	28	12	9	5	1	1*
80311611000	3221910597153	31	12	10	5	1	1*
80311611100	3221910597160	33	12	11	5	1	1*
80311611200	3221910597177	36	16	12	5	1	1*
80311611300	3221910597184	39	16	13	5	1	1*
80311611400	3221910597191	41	16	14	5	1	1*
80311611500	3221910597207	45	20	15	5	1	1*
80311611600	3221910597214	47	20	16	5	1	1*



HSS SLITTING SAWS FINE TEETH.

FRESA DE SIERRA HSS DENTADO FINO.

SEGA CIRCOLARE HSS, DENTI DRITTI FINI.



The HSS E5 Flexibility/life span, universal application.

Flexibilidad, duración de vida y uso polivalente.

Compromesso tra flessibilità/durata del HSS, uso polivalente.



Heat Treatable Steels <400N/mm²
Aceros aleados y tratados < 400N/mm²
Acciai per trattamento termico <400N/mm²



Heat Treatable Steels <700N/mm²
Aceros aleados y tratados < 700N/mm²
Acciai per trattamento termico <700N/mm²



Aluminium alloys
Aleaciones de aluminio
Leghe di alluminio

8031511	EAN	Ø	d2	Z	e	QTY	PCB
8031511020021	3221910607012	20	5	80	0,2	1	1
8031511020031	3221910607029	20	5	64	0,3	1	1
8031511020041	3221910607036	20	5	64	0,4	1	1
8031511020051	3221910607043	20	5	48	0,5	1	1
8031511020061	3221910607050	20	5	48	0,6	1	1
8031511020081	3221910607067	20	5	48	0,8	1	1
8031511020101	3221910607074	20	5	40	1	1	1
8031511020121	3221910607081	20	5	40	1,2	1	1
8031511020161	3221910607098	20	5	80	1,6	1	1



8031511	EAN	Ø	d2	Z	e	QTY PCB
8031511025021	3221910607104	25	8	80	0,2	1 1
8031511025031	3221910607111	25	8	80	0,3	1 1
8031511025041	3221910607128	25	8	64	0,4	1 1
8031511025051	3221910607135	25	8	64	0,5	1 1
8031511025061	3221910607142	25	8	64	0,6	1 1
8031511025081	3221910607159	25	8	48	0,8	1 1
8031511025101	3221910607166	25	8	48	1	1 1
8031511025121	3221910607173	25	8	48	1,2	1 1
8031511025161	3221910607180	25	8	40	1,6	1 1
8031511032021	3221910607197	32	8	100	0,2	1 1
8031511032031	3221910607203	32	8	80	0,3	1 1
8031511032041	3221910607210	32	8	80	0,4	1 1
8031511032051	3221910607227	32	8	80	0,5	1 1
8031511032061	3221910607234	32	8	64	0,6	1 1
8031511032081	3221910607241	32	8	64	0,8	1 1
8031511032101	3221910607258	32	8	64	1	1 1
8031511032121	3221910607265	32	8	48	1,2	1 1
8031511032161	3221910607272	32	8	48	1,6	1 1
8031511040021	3221910607289	40	10	128	0,2	1 1
8031511040031	3221910607296	40	10	100	0,3	1 1
8031511040041	3221910607302	40	10	100	0,4	1 1
8031511040051	3221910607319	40	10	80	0,5	1 1
8031511040061	3221910607326	40	10	80	0,6	1 1
8031511040081	3221910607333	40	10	80	0,8	1 1
8031511040101	3221910607340	40	10	64	1	1 1
8031511040121	3221910607357	40	10	64	1,2	1 1
8031511040161	3221910607364	40	10	64	1,6	1 1
8031511050051	3221910607371	50	13	100	0,5	1 1
8031511050061	3221910607388	50	13	100	0,6	1 1
8031511050081	3221910607395	50	13	80	0,8	1 1
8031511050101	3221910607401	50	13	80	1	1 1
8031511050121	3221910607418	50	13	80	1,2	1 1
8031511050161	3221910607425	50	13	64	1,6	1 1
8031511050201	3221910607432	50	13	64	2	1 1
8031511050251	3221910607449	50	13	64	2,5	1 1
8031511050301	3221910607456	50	13	48	3	1 1
8031511063051	3221910607463	63	16	128	0,5	1 1
8031511063061	3221910607470	63	16	100	0,6	1 1
8031511063081	3221910607487	63	16	100	0,8	1 1
8031511063101	3221910607494	63	16	100	1	1 1
8031511063121	3221910607500	63	16	80	1,2	1 1
8031511063161	3221910607517	63	16	80	1,6	1 1
8031511063201	3221910607524	63	16	80	2	1 1
8031511063251	3221910607531	63	16	64	2,5	1 1
8031511063301	3221910607548	63	16	64	3	1 1
8031511080051	3221910607555	80	27	128	0,5	1 1
8031511080061	3221910607562	80	27	128	0,6	1 1
8031511080081	3221910607579	80	27	128	0,8	1 1
8031511080101	3221910607586	80	27	100	1	1 1
8031511080121	3221910607593	80	27	100	1,2	1 1
8031511080161	3221910607609	80	27	100	1,6	1 1
8031511080201	3221910607616	80	27	80	2	1 1
8031511080251	3221910607623	80	27	80	2,5	1 1
8031511080301	3221910607630	80	27	80	3	1 1
8031511080401	3221910607647	80	27	64	4	1 1
8031511080501	3221910607654	80	27	64	5	1 1
8031511100051	3221910607661	100	27	160	0,5	1 1
8031511100061	3221910607678	100	27	160	0,6	1 1
8031511100081	3221910607685	100	27	128	0,8	1 1
8031511100101	3221910607692	100	27	128	1	1 1
8031511100121	3221910607708	100	27	128	1,2	1 1
8031511100161	3221910607715	100	27	100	1,6	1 1
8031511100201	3221910607722	100	27	100	2	1 1
8031511100251	3221910607739	100	27	100	2,5	1 1
8031511100301	3221910607746	100	27	80	3	1 1
8031511100401	3221910607753	100	27	80	4	1 1
8031511100501	3221910607760	100	27	80	5	1 1
8031511125101	3221910607777	125	27	160	1	1 1
8031511125121	3221910607784	125	27	128	1,2	1 1
8031511125161	3221910607791	125	27	128	1,6	1 1
8031511125201	3221910607807	125	27	128	2	1 1
8031511125251	3221910607814	125	27	100	2,5	1 1
8031511125301	3221910607821	125	27	100	3	1 1
8031511125401	3221910607838	125	27	100	4	1 1
8031511125501	3221910607845	125	27	80	5	1 1
8031511160101	3221910607852	160	32	160	1	1 1
8031511160161	3221910607869	160	32	128	1,6	1 1
8031511160201	3221910607876	160	32	128	2	1 1
8031511160251	3221910607883	160	32	128	2,5	1 1
8031511160301	3221910607890	160	32	100	3	1 1
8031511160401	3221910607906	160	32	100	4	1 1



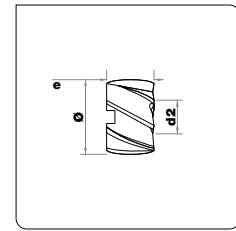
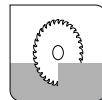
8031511	EAN	Ø	d2	Z	e	QTY	PCB
8031511160501	3221910607913	160	32	100	5	1	1
8031511200101	3221910607920	200	32	200	1	1	1
8031511200161	3221910607937	200	32	160	1,6	1	1
8031511200201	3221910607944	200	32	160	2	1	1
8031511200251	3221910607951	200	32	160	2,5	1	1
8031511200301	3221910607968	200	32	128	3	1	1
8031511200401	3221910607975	200	32	128	4	1	1
8031511200501	3221910607982	200	32	128	5	1	1
8031511250201	3221910607999	250	32	200	2	1	1
8031511250251	3221910608002	250	32	160	2,5	1	1
8031511250301	3221910608019	250	32	160	3	1	1
8031511250401	3221910608026	250	32	160	4	1	1
8031511250501	3221910608033	250	32	128	5	1	1



HSS SLITTING SAWS MEDIUM TEETH.

FRESA DE SIERRA HSS DENTADO GRUESO.

SEGA CIRCOLARE HSS, DENTI DRITTI GROSSI.



The HSSE5 Flexibility/life span, universal application.

Flexibilidad, duración de vida y uso polivalente.

Compromesso tra flessibilità/durata del HSS, uso polivalente.



Heat Treatable Steels <400N/mm²
Aceros aleados y tratados < 400N/mm²
Acciai per trattamento termico <400N/mm²



Heat Treatable Steels <700N/mm²
Aceros aleados y tratados < 700N/mm²
Acciai per trattamento termico <700N/mm²



Aluminium alloys
Aleaciones de aluminio
Leghe di alluminio

8031521	EAN	Ø	d2	Z	e	QTY	PCB
8031521050051	3221910609382	50	13	48	0,5	1	1
8031521050061	3221910609399	50	13	48	0,6	1	1
8031521050081	3221910609405	50	13	40	0,8	1	1
8031521050101	3221910609412	50	13	40	1	1	1
8031521050121	3221910609429	50	13	40	1,2	1	1
8031521050161	3221910609436	50	13	32	1,6	1	1
8031521050201	3221910609443	50	13	32	2	1	1
8031521050251	3221910609450	50	13	32	2,5	1	1
8031521050301	3221910609467	50	13	24	3	1	1
8031521063051	3221910609474	63	16	64	0,5	1	1
8031521063061	3221910609481	63	16	48	0,6	1	1
8031521063081	3221910609498	63	16	48	0,8	1	1
8031521063101	3221910609504	63	16	48	1	1	1
8031521063121	3221910609511	63	16	40	1,2	1	1
8031521063161	3221910609528	63	16	40	1,6	1	1
8031521063201	3221910609535	63	16	40	2	1	1
8031521063251	3221910609542	63	16	32	2,5	1	1
8031521063301	3221910609559	63	16	32	3	1	1
8031521080051	3221910609566	80	27	64	0,5	1	1
8031521080061	3221910609573	80	27	64	0,6	1	1
8031521080081	3221910609580	80	27	64	0,8	1	1
8031521080101	3221910609597	80	27	48	1	1	1
8031521080121	3221910609603	80	27	48	1,2	1	1
8031521080161	3221910609610	80	27	48	1,6	1	1
8031521080201	3221910609627	80	27	40	2	1	1
8031521080251	3221910609634	80	27	40	2,5	1	1
8031521080301	3221910609641	80	27	40	3	1	1
8031521080401	3221910609658	80	27	32	4	1	1
8031521080501	3221910609665	80	27	32	5	1	1
8031521100051	3221910609672	100	27	80	0,5	1	1
8031521100061	3221910609689	100	27	80	0,6	1	1
8031521100081	3221910609696	100	27	64	0,8	1	1
8031521100101	3221910609702	100	27	64	1	1	1
8031521100121	3221910609719	100	27	64	1,2	1	1
8031521100161	3221910609726	100	27	48	1,6	1	1
8031521100201	3221910609733	100	27	48	2	1	1
8031521100251	3221910609740	100	27	48	2,5	1	1
8031521100301	3221910609757	100	27	40	3	1	1
8031521100401	3221910609764	100	27	40	4	1	1
8031521100501	3221910609771	100	27	40	5	1	1
8031521125101	3221910609788	125	27	80	1	1	1



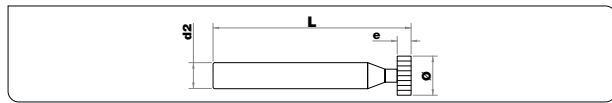
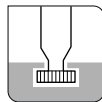
8031521	EAN	Ø	d2	Z	e	QTY PCB
8031521125121	3221910609795	125	27	64	1,2	1 1
8031521125161	3221910609801	125	27	64	1,6	1 1
8031521125201	3221910609818	125	27	64	2	1 1
8031521125251	3221910609825	125	27	48	2,5	1 1
8031521125301	3221910609832	125	27	48	3	1 1
8031521125401	3221910609849	125	27	48	4	1 1
8031521125501	3221910609856	125	27	40	5	1 1
8031521160101	3221910609863	160	32	80	1	1 1
8031521160161	3221910609870	160	32	80	1,6	1 1
8031521160201	3221910609887	160	32	64	2	1 1
8031521160251	3221910609894	160	32	64	2,5	1 1
8031521160301	3221910609900	160	32	64	3	1 1
8031521160401	3221910609917	160	32	48	4	1 1
8031521160501	3221910609924	160	32	48	5	1 1
8031521200101	3221910609931	200	32	100	1	1 1
8031521200161	3221910609948	200	32	80	1,6	1 1
8031521200201	3221910609955	200	32	80	2	1 1
8031521200251	3221910609962	200	32	80	2,5	1 1
8031521200301	3221910609979	200	32	64	3	1 1
8031521200401	3221910609986	200	32	64	4	1 1
8031521200501	3221910609993	200	32	64	5	1 1
8031521250201	3221910610005	250	32	100	2	1 1
8031521250251	3221910610012	250	32	80	2,5	1 1
8031521250301	3221910610029	250	32	80	3	1 1
8031521250401	3221910610036	250	32	80	4	1 1
8031521250501	3221910610043	250	32	64	5	1 1



HSSE5 WOODRUFF CUTTERS.

FRESA WOODDRUFF HSSE5.

FRESA WOODRUFF HSS-E5.



The HSSE5 Flexibility/life span, universal application.

Flexibilidad, duración de vida y uso polivalente.

Compromesso tra flessibilità/durata del HSS-E5, uso polivalente.



A Heat Treatable Steels <400N/mm²
 Aceros aleados y tratados < 400N/mm²
 Acciai per trattamento termico <400N/mm²

B Heat Treatable Steels <700N/mm²
 Aceros aleados y tratados < 700N/mm²
 Acciai per trattamento termico <700N/mm²

KLM Aluminium alloys
 Aleaciones de aluminio
 Leghe di alluminio

8031071	EAN	Ø	d2	L	e	QTY PCB
8031071075015	3221910593278	7,5	6	50	1,5	1 1
8031071075020	3221910593285	7,5	6	50	2	1 1
8031071105020	3221910593292	10,5	12	50	2	1 1
8031071105025	3221910593308	10,5	12	50	2,5	1 1
8031071105030	3221910593315	10,5	12	50	3	1 1
8031071135020	3221910593322	13,5	12	56	2	1 1
8031071135025	3221910593339	13,5	12	56	2,5	1 1
8031071135030	3221910593346	13,5	12	56	3	1 1
8031071135040	3221910593353	13,5	12	56	4	1 1
8031071165025	3221910593360	16,5	12	56	2,5	1 1
8031071165030	3221910593377	16,5	12	56	3	1 1
8031071165040	3221910593384	16,5	12	56	4	1 1
8031071165050	3221910593391	16,5	12	56	5	1 1
8031071195030	3221910593407	19,5	12	56	3	1 1
8031071195040	3221910593414	19,5	12	56	4	1 1
8031071195050	3221910593421	19,5	12	56	5	1 1
8031071195060	3221910593438	19,5	12	56	6	1 1
8031071225040	3221910593445	22,5	12	56	4	1 1
8031071225050	3221910593452	22,5	12	56	5	1 1
8031071225060	3221910593469	22,5	12	56	6	1 1
8031071255050	3221910593476	25,5	12	63	5	1 1
8031071255060	3221910593483	25,5	12	63	6	1 1
8031071255070	3221910593490	25,5	12	63	7	1 1
8031071255080	3221910593506	25,5	12	63	8	1 1
8031071285050	3221910593513	28,5	12	63	5	1 1
8031071285060	3221910593520	28,5	12	63	6	1 1
8031071285070	3221910593537	28,5	12	63	7	1 1
8031071285080	3221910593544	28,5	12	63	8	1 1

