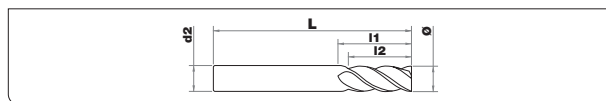
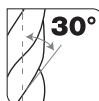
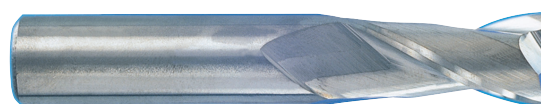
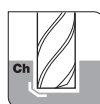


**SOLID CARBIDE END MILLS, DIN,
Z2 CHAMFER EDGE PROTECT.**



Universal application.

Fresado y ranurado, uso universal.

Fresatura e scanalatura polivalente.



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 Steel
Aceros inoxidables
Acciai inossidabili

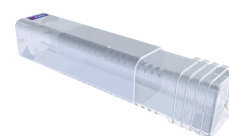


Cast iron
Fundiciones
Ghisa



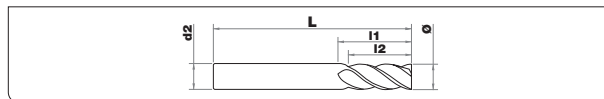
Aluminium alloys
Aleaciones de aluminio
Leghe di alluminio

8236021	EAN	Ø	d2	L	I2	QTY	PCB
82360210100	3221910793975	1	3	39	3	1	1
82360210150	3221910793982	1.5	3	39	5	1	1
82360210200	3221910793999	2	3	39	7	1	1
82360210250	3221910794002	2.5	3	39	7	1	1
82360210300	3221910794019	3	3	39	9	1	1
82360210350	3221910794026	3.5	4	51	12	1	1
82360210400	3221910794033	4	4	51	14	1	1
82360210450	3221910794040	4.5	5	51	14	1	1
82360210500	3221910794057	5	5	51	16	1	1
82360210600	3221910794064	6	6	64	19	1	1
82360210700	3221910794071	7	8	64	19	1	1
82360210800	3221910794088	8	8	64	21	1	1
82360210900	3221910794095	9	10	70	22	1	1
82360211000	3221910794101	10	10	70	22	1	1
82360211100	3221910794118	11	11	70	25	1	1
82360211200	3221910794125	12	12	76	25	1	1
82360211400	3221910794132	14	14	89	30	1	1
82360211600	3221910794149	16	16	89	32	1	1
82360211800	3221910794156	18	18	102	35	1	1
82360212000	3221910794163	20	20	102	38	1	1
82360212200	3221910794170	22	22	102	38	1	1
82360212500	3221910794187	25	25	102	38	1	1





**SOLID CARBIDE HARD CUT END
MILLS, DIN, Z2 CHAMFER EDGE
PROTECT.**



Universal application.

Fresado y ranurado, uso universal.

Fresatura e scanalatura polivalente.



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 Steel
Aceros inoxidables
Acciai inossidabili

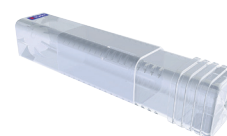


Cast iron
Fundiciones
Ghisa

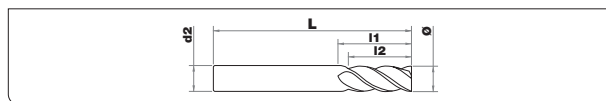
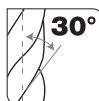
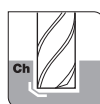


Aluminium alloys
Aleaciones de aluminio
Leghe di alluminio

8236151	EAN	Ø	d2	L	I2	QTY	PCB
82361510100	3221910822552	1	3	39	3	1	1
82361510150	3221910822569	1.5	3	39	5	1	1
82361510200	3221910822576	2	3	39	7	1	1
82361510250	3221910822583	2.5	3	39	7	1	1
82361510300	3221910822590	3	3	39	9	1	1
82361510350	3221910822606	3.5	4	51	12	1	1
82361510400	3221910822613	4	4	51	14	1	1
82361510450	3221910822620	4.5	5	51	14	1	1
82361510500	3221910822637	5	5	51	16	1	1
82361510600	3221910822644	6	6	64	19	1	1
82361510700	3221910822651	7	8	64	19	1	1
82361510800	3221910822668	8	8	64	21	1	1
82361510900	3221910822675	9	10	70	22	1	1
82361511000	3221910822682	10	10	70	22	1	1
82361511100	3221910822699	11	11	70	25	1	1
82361511200	3221910822705	12	12	76	25	1	1
82361511400	3221910822712	14	14	89	30	1	1
82361511600	3221910822729	16	16	89	32	1	1
82361511800	3221910822736	18	18	102	35	1	1
82361512000	3221910822743	20	20	102	38	1	1
82361512200	3221910822750	22	22	102	38	1	1
82361512500	3221910822767	25	25	102	38	1	1



**SOLID CARBIDE END MILLS, DIN,
Z2 SHORT. CHAMFER EDGE PRO-
TECT.**



Universal application, life span,
profitability.

Polivalencia, duración de vida,
rentabilidad.

Polivalente, lunga durata, redditività.



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 Steel
Aceros inoxidables
Acciai inossidabili

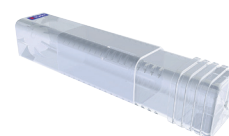


Cast iron
Fundiciones
Ghisa



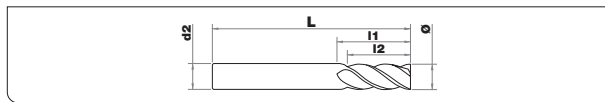
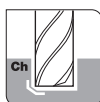
Aluminium alloys
Aleaciones de aluminio
Leghe di alluminio

8236451	EAN	Ø	d2	L	I2	QTY PCB
82364510100	3221910872649	1	3	38	3	1 1
82364510150	3221910872656	1.5	3	38	3	1 1
82364510200	3221910872663	2	3	38	3	1 1
82364510250	3221910872670	2.5	3	38	3	1 1
82364510300	3221910872687	3	3	38	4	1 1
82364510350	3221910872694	3.5	6	50	4	1 1
82364510400	3221910872700	4	6	54	5	1 1
82364510450	3221910872717	4.5	6	54	5	1 1
82364510500	3221910872724	5	6	54	6	1 1
82364510600	3221910872731	6	6	54	7	1 1
82364510700	3221910872748	7	8	58	8	1 1
82364510800	3221910872755	8	8	58	9	1 1
82364510900	3221910872762	9	10	66	10	1 1
82364511000	3221910872779	10	10	66	11	1 1
82364511200	3221910872786	12	12	73	12	1 1
82364511400	3221910872793	14	14	75	14	1 1
82364511600	3221910872809	16	16	82	16	1 1
82364511800	3221910872816	18	18	84	18	1 1
82364512000	3221910872823	20	20	92	20	1 1





**SOLID CARBIDE ALCRONA END
MILLS, DIN, Z2 SHORT. CHAMFER
EDGE PROTECT.**



Universal application, life span,
profitability.

Polivalencia, duración de vida,
rentabilidad.

Polivalente, lunga durata, redditività.



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 Steel
Aceros inoxidables
Acciai inossidabili

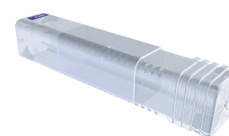


Cast iron
Fundiciones
Ghisa

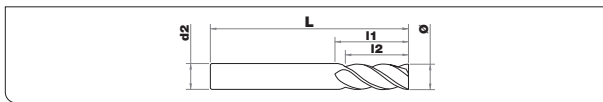
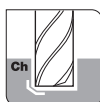


Aluminium alloys
Aleaciones de aluminio
Leghe di alluminio

8236461	EAN	Ø	d2	L	I2	QTY	PCB
82364610100	3221910872830	1	3	38	3	1	1
82364610150	3221910872847	1.5	3	38	3	1	1
82364610200	3221910872854	2	3	38	3	1	1
82364610250	3221910872861	2.5	3	38	3	1	1
82364610300	3221910872878	3	3	38	4	1	1
82364610350	3221910872885	3.5	6	50	4	1	1
82364610400	3221910872892	4	6	54	5	1	1
82364610450	3221910872908	4.5	6	54	5	1	1
82364610500	3221910872915	5	6	54	6	1	1
82364610600	3221910872922	6	6	54	7	1	1
82364610700	3221910872939	7	8	58	8	1	1
82364610800	3221910872946	8	8	58	9	1	1
82364610900	3221910872953	9	10	66	10	1	1
82364611000	3221910872960	10	10	66	11	1	1
82364611200	3221910872977	12	12	73	12	1	1
82364611400	3221910872984	14	14	75	14	1	1
82364611600	3221910872991	16	16	82	16	1	1
82364611800	3221910873004	18	18	84	18	1	1
82364612000	3221910873011	20	20	92	20	1	1



**SOLID CARBIDE END MILLS, DIN,
Z2, LONG. CHAMFER EDGE PRO-
TECT.**



Universal application, life span,
profitability.

Polivalencia, duración de vida,
rentabilidad.

Polivalente, lunga durata, redditività.



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 Steel
Aceros inoxidables
Acciai inossidabili

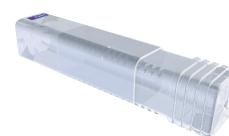


Cast iron
Fundiciones
Ghisa



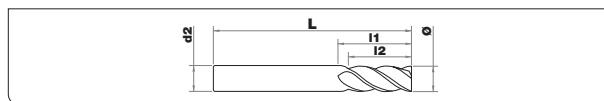
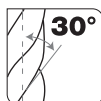
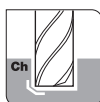
Aluminium alloys
Aleaciones de aluminio
Leghe di alluminio

8236511	EAN	Ø	d2	L	I2	QTY PCB
82365110200	3221910873783	2	3	38	6	1 1
82365110250	3221910873790	2.5	3	38	7	1 1
82365110300	3221910873806	3	3	38	7	1 1
82365110350	3221910873813	3.5	6	57	7	1 1
82365110400	3221910873820	4	6	57	8	1 1
82365110450	3221910873837	4.5	6	57	8	1 1
82365110500	3221910873844	5	6	57	10	1 1
82365110600	3221910873851	6	6	57	10	1 1
82365110700	3221910873868	7	8	63	13	1 1
82365110800	3221910873875	8	8	63	16	1 1
82365110900	3221910873882	9	10	72	16	1 1
82365111000	3221910873899	10	10	72	19	1 1
82365111200	3221910873905	12	12	83	22	1 1
82365111400	3221910873912	14	14	83	22	1 1
82365111600	3221910873929	16	16	92	26	1 1
82365111800	3221910873936	18	18	92	26	1 1
82365112000	3221910873943	20	20	104	32	1 1





**SOLID CARBIDE ALCRONA END
MILLS, DIN, Z2, LONG. CHAMFER
EDGE PROTECT.**



Universal application, life span,
profitability.

Polivalencia, duración de vida,
rentabilidad.

Polivalente, lunga durata, redditività.



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 Steel
Aceros inoxidables
Acciai inossidabili

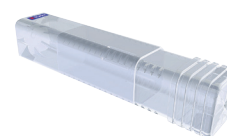


Cast iron
Fundiciones
Ghisa

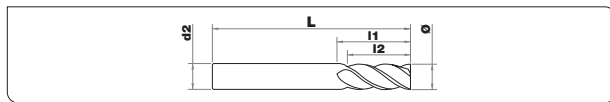
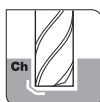


Aluminium alloys
Aleaciones de aluminio
Leghe di alluminio

8236521	EAN	Ø	d2	L	I2	QTY	PCB
82365210200	3221910873950	2	3	38	6	1	1
82365210250	3221910873967	2.5	3	38	7	1	1
82365210300	3221910873974	3	3	38	7	1	1
82365210350	3221910873981	3.5	6	57	7	1	1
82365210400	3221910873998	4	6	57	8	1	1
82365210450	3221910874001	4.5	6	57	8	1	1
82365210500	3221910874018	5	6	57	10	1	1
82365210600	3221910874025	6	6	57	10	1	1
82365210700	3221910874032	7	8	63	13	1	1
82365210800	3221910874049	8	8	63	16	1	1
82365210900	3221910874056	9	10	72	16	1	1
82365211000	3221910874063	10	10	72	19	1	1
82365211200	3221910874070	12	12	83	22	1	1
82365211400	3221910874087	14	14	83	22	1	1
82365211600	3221910874094	16	16	92	26	1	1
82365211800	3221910874100	18	18	92	26	1	1
82365212000	3221910874117	20	20	104	32	1	1



**SOLID CARBI. , END MILLS, DIN,
Z,2 EXTRA LONG. CHAMFER EDGE
PROT.**



Universal application, life span,
profitability.

Polivalencia, duración de vida,
rentabilidad.

Polivalente, lunga durata, redditività.



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 Steel
Aceros inoxidables
Acciai inossidabili

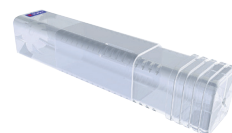


Cast iron
Fundiciones
Ghisa

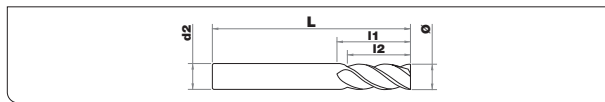
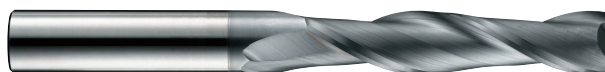
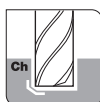


Aluminium alloys
Aleaciones de aluminio
Leghe di alluminio

8236571	EAN	Ø	d2	L	I2	QTY PCB
82365710300	3221910874803	3	3	75	25	1 1
82365710400	3221910874810	4	4	75	25	1 1
82365710500	3221910874827	5	5	75	25	1 1
82365710600	3221910874834	6	6	75	25	1 1
82365710800	3221910874841	8	8	75	25	1 1
82365711000	3221910874858	10	10	100	45	1 1
82365711200	3221910874865	12	12	150	75	1 1
82365711400	3221910874872	14	14	150	75	1 1
82365711600	3221910874889	16	16	150	75	1 1
82365711800	3221910874896	18	18	150	75	1 1
82365712000	3221910874902	20	20	150	75	1 1



SOLID CARBI. ALCRONA, END MILLS, DIN, Z,2 EXTRA LONG. CHAMFER EDGE PROT.



Universal application, life span, profitability.

Polivalencia, duración de vida, rentabilidad.

Polivalente, lunga durata, redditività.



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 Steel
Aceros inoxidables
Acciai inossidabili



Cast iron
Fundiciones
Ghisa



Aluminium alloys
Aleaciones de aluminio
Leghe di alluminio

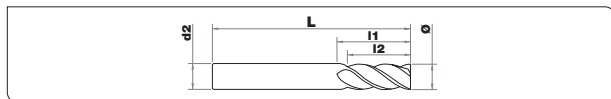
8236581	EAN	Ø	d2	L	I2	QTY	PCB
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82365810400	3221910874926	4	4	75	25	1	1
82365810500	3221910874933	5	5	75	25	1	1
82365810600	3221910874940	6	6	75	25	1	1
82365810800	3221910874957	8	8	75	25	1	1
82365811000	3221910874964	10	10	100	45	1	1
82365811200	3221910874971	12	12	150	75	1	1
82365811400	3221910874988	14	14	150	75	1	1
82365811600	3221910874995	16	16	150	75	1	1
82365811800	3221910875008	18	18	150	75	1	1
82365812000	3221910875015	20	20	150	75	1	1



SOLID CARBIDE END MILLS, 25°, Z3, CHAMFER EDGE PROTECT.

FRESA METAL DURO 25°, Z3.

FRESA IN MD 25°. Z3. SMUSSO DI PROTEZIONE.



Designed for plastics and woods.

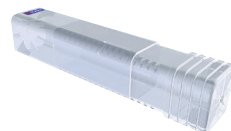
Diseñado para plásticos y maderas.

Concepito per i materiali plastici e il legno.



Composite Plastics
Composites plásticos
Plastiche composite

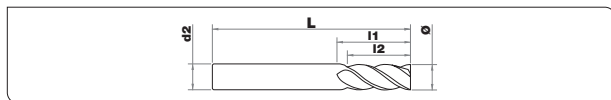
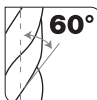
8236681	EAN	Ø	d2	L	I2	QTY PCB
82366810200	3221910875435	2	2	39	8	1 1
82366810300	3221910875442	3	3	39	10	1 1
82366810400	3221910875459	4	4	50	12	1 1
82366810600	3221910875466	6	6	60	20	1 1
82366810800	3221910875473	8	8	60	22	1 1
82366811000	3221910875480	10	10	72	30	1 1
82366811200	3221910875497	12	12	76	32	1 1



SOLID CARBIDE ULTRACUT END MILLS, Z3. CHAMFER EDGE PROTECTION.

FRESA METAL DURO ULTRACUT, Z3. CHAFLÁN DE PROTECCIÓN.

FRESA IN MD ULTRACUT. Z3 CON SMUSSI DI PROTEZIONE.



Designed for high alloyed steels and special alloys. High performance.

Diseñado para aceros muy aleados y aleaciones especiales.

Concepito per gli acciai fortemente legati e leghe speciali.



Steels for heat treatment
700-1400N/mm²
Aceros para tratamiento térmico
700-1400 N/mm²
Acciai per trattamento termico
700-1400N/mm²

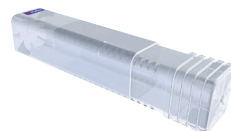


Stainless Steel
Aceros inoxidables
Acciai inossidabili

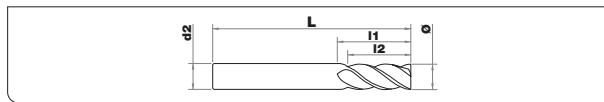
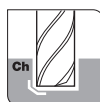


Ni / Co based special alloys & Titanium
Aleaciones refractarias Co / Ni y Titanio
Leghe refrattarie Co / Ni i titanio

8236211	EAN	Ø	d2	L	I2	QTY PCB
82362110300	3221910823658	3	3	39	14	1 1
82362110400	3221910823665	4	4	51	16	1 1
82362110500	3221910823672	5	5	51	16	1 1
82362110600	3221910823689	6	6	64	19	1 1
82362110800	3221910823696	8	8	64	21	1 1
82362111000	3221910823702	10	10	70	25	1 1
82362111200	3221910823719	12	12	76	25	1 1
82362111600	3221910823726	16	16	89	32	1 1
82362112000	3221910823733	20	20	102	38	1 1



**SOLID CARBIDE ALCRONA END
MILLS Z3 CORNER RADIUS. RAKE
ANGLE 16°.**



Universal application.

Fresado y ranurado, uso universal.

Fresatura e scanalatura polivalente.



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 Steel
Aceros inoxidables
Acciai inossidabili



Cast iron
Fundiciones
Ghisa

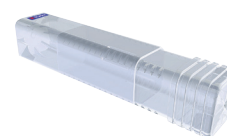


Aluminium alloys
Aleaciones de aluminio
Leghe di alluminio

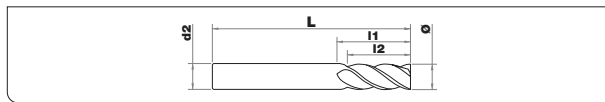
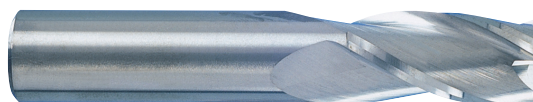
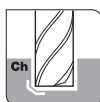


Titanium alloys
Aleaciones de titanio
Leghe di titanio

8236441	EAN	Ø	d2	L	I2	R	QTY	PCB
8236441020003	3221910858926	2	3	39	7	0.3	1	1
8236441020005	3221910858933	2	3	39	7	0.5	1	1
8236441030003	3221910858940	3	3	39	7	0.3	1	1
8236441030005	3221910858957	3	3	39	7	0.5	1	1
8236441040003	3221910858964	4	4	51	14	0.3	1	1
8236441040005	3221910858971	4	4	51	14	0.5	1	1
8236441050003	3221910858988	5	4	51	16	0.3	1	1
8236441050005	3221910858995	5	4	51	16	0.5	1	1
8236441060005	3221910859008	6	6	64	19	0.5	1	1
8236441060010	3221910859015	6	6	64	19	1	1	1
8236441060015	3221910859022	6	6	64	19	1.5	1	1
8236441080005	3221910859039	8	8	64	21	0.5	1	1
8236441080010	3221910859046	8	8	64	21	1	1	1
8236441080015	3221910859053	8	8	64	21	1.5	1	1
8236441100005	3221910859060	10	10	70	22	0.5	1	1
8236441100010	3221910859077	10	10	70	22	1	1	1
8236441100015	3221910859084	10	10	70	22	1.5	1	1
8236441100020	3221910859091	10	10	70	22	2	1	1
8236441120005	3221910859107	12	12	76	25	0.5	1	1
8236441120010	3221910859114	12	12	76	25	1	1	1
8236441120015	3221910859121	12	12	76	25	1.5	1	1
8236441120020	3221910859138	12	12	76	25	2	1	1
8236441140005	3221910859145	14	14	89	30	0.5	1	1
8236441140010	3221910859152	14	14	89	30	1	1	1
8236441140015	3221910859169	14	14	89	30	1.5	1	1
8236441140020	3221910859176	14	14	89	30	2	1	1
8236441160020	3221910859183	16	16	89	32	2	1	1
8236441160025	3221910859190	16	16	89	32	2.5	1	1
8236441160030	3221910859206	16	16	89	32	3	1	1
8236441160040	3221910859213	16	16	89	32	4	1	1
8236441180020	3221910859220	18	18	102	35	2	1	1
8236441180025	3221910859237	18	18	102	35	2.5	1	1
8236441180030	3221910859244	18	18	102	35	3	1	1
8236441180040	3221910859251	18	18	102	35	4	1	1
8236441200020	3221910859268	20	20	102	38	2	1	1
8236441200025	3221910859275	20	20	102	38	2.5	1	1
8236441200030	3221910859282	20	20	102	38	3	1	1
8236441200040	3221910859299	20	20	102	38	4	1	1



**SOLID CARBIDE END MILLS, Z3.
CHAMFER EDGE PROTECTION.**



Universal application.

Fresado y ranurado, uso universal.

Fresatura e scanalatura polivalente.



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 Steel
Aceros inoxidables
Acciai inossidabili



Cast iron
Fundiciones
Ghisa

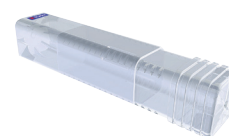


Aluminium alloys
Aleaciones de aluminio
Leghe di alluminio

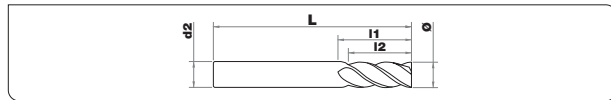


Composite Plastics
Composites plásticos
Plastiche composite

8236031	EAN	Ø	d2	L	I2	QTY	PCB
82360310100	3221910794194	1	3	39	3	1	1
82360310150	3221910794200	1.5	3	39	5	1	1
82360310200	3221910794217	2	3	39	7	1	1
82360310250	3221910794224	2.5	3	39	7	1	1
82360310300	3221910794231	3	3	39	9	1	1
82360310350	3221910794248	3.5	4	51	12	1	1
82360310400	3221910794255	4	4	51	14	1	1
82360310450	3221910794262	4.5	5	51	14	1	1
82360310500	3221910794279	5	5	51	16	1	1
82360310600	3221910794286	6	6	64	19	1	1
82360310700	3221910794293	7	8	64	19	1	1
82360310800	3221910794309	8	8	64	21	1	1
82360310900	3221910794316	9	10	70	22	1	1
82360311000	3221910794323	10	10	70	22	1	1
82360311100	3221910794330	11	11	70	25	1	1
82360311200	3221910794347	12	12	76	25	1	1
82360311400	3221910794354	14	14	89	30	1	1
82360311600	3221910794361	16	16	89	32	1	1
82360311800	3221910794378	18	18	102	35	1	1
82360312000	3221910794385	20	20	102	38	1	1
82360312200	3221910794392	22	22	102	38	1	1
82360312500	3221910794408	25	25	102	38	1	1



SOLID CARBIDE HARD CUT END MILLS, Z3. CHAMFER EDGE PROTECTION.



Universal application.

Fresado y ranurado, uso universal.

Fresatura e scanalatura polivalente.



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 Steel
Aceros inoxidables
Acciai inossidabili



Cast iron
Fundiciones
Ghisa

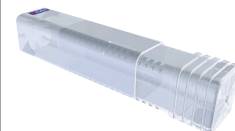


Aluminium alloys
Aleaciones de aluminio
Leghe di alluminio

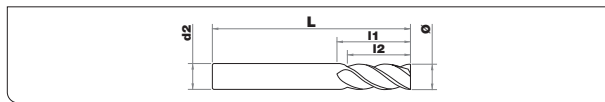


Composite Plastics
Composites plásticos
Plastiche composite

8236161	EAN	Ø	d2	L	I2	QTY	PCB
82361610100	3221910822774	1	3	39	3	1	1
82361610150	3221910822781	1.5	3	39	5	1	1
82361610200	3221910822798	2	3	39	7	1	1
82361610250	3221910822804	2.5	3	39	7	1	1
82361610300	3221910822811	3	3	39	9	1	1
82361610350	3221910822828	3.5	4	51	12	1	1
82361610400	3221910822835	4	4	51	14	1	1
82361610450	3221910822842	4.5	5	51	14	1	1
82361610500	3221910822859	5	5	51	16	1	1
82361610600	3221910822866	6	6	64	19	1	1
82361610700	3221910822873	7	8	64	19	1	1
82361610800	3221910822880	8	8	64	21	1	1
82361610900	3221910822897	9	10	70	22	1	1
82361611000	3221910822903	10	10	70	22	1	1
82361611100	3221910822910	11	11	70	25	1	1
82361611200	3221910822927	12	12	76	25	1	1
82361611400	3221910822934	14	14	89	30	1	1
82361611600	3221910822941	16	16	89	32	1	1
82361611800	3221910822958	18	18	102	35	1	1
82361612000	3221910822965	20	20	102	38	1	1
82361612200	3221910822972	22	22	102	38	1	1
82361612500	3221910822989	25	25	102	38	1	1



**SOLID CARBIDE END MILLS, DIN,
Z3, SHORT SERIES. CHAMFER
EDGE PROTECT.**



Universal application, life span,
profitability.

Polivalencia, duración de vida,
rentabilidad.

Polivalente, lunga durata, redditività.



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 Steel
Aceros inoxidables
Acciai inossidabili

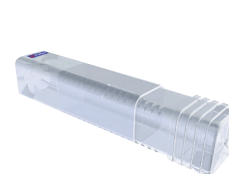


Cast iron
Fundiciones
Ghisa



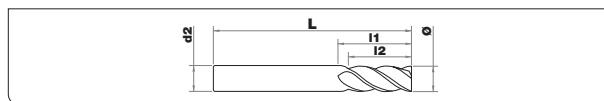
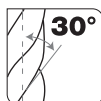
Aluminium alloys
Aleaciones de aluminio
Leghe di alluminio

8236471	EAN	Ø	d2	L	I2	QTY	PCB
82364710100	3221910873028	1	3	38	3	1	1
82364710150	3221910873035	1.5	3	38	3	1	1
82364710200	3221910873042	2	3	38	3	1	1
82364710250	3221910873059	2.5	3	38	3	1	1
82364710300	3221910873066	3	3	38	4	1	1
82364710350	3221910873073	3.5	6	50	4	1	1
82364710400	3221910873080	4	6	54	5	1	1
82364710450	3221910873097	4.5	6	54	5	1	1
82364710500	3221910873103	5	6	54	6	1	1
82364710600	3221910873110	6	6	54	7	1	1
82364710700	3221910873127	7	8	58	8	1	1
82364710800	3221910873134	8	8	58	9	1	1
82364710900	3221910873141	9	10	66	10	1	1
82364711000	3221910873158	10	10	66	11	1	1
82364711200	3221910873165	12	12	73	12	1	1
82364711400	3221910873172	14	14	75	14	1	1
82364711600	3221910873189	16	16	82	16	1	1
82364711800	3221910873196	18	18	84	18	1	1
82364712000	3221910873202	20	20	92	20	1	1





**SOLID CARBIDE END MILLS, DIN,
Z3, SHORT SERIES. CHAMFER
EDGE PROTECT.**



Universal application, life span,
profitability.

Polivalencia, duración de vida,
rentabilidad.

Polivalente, lunga durata, redditività.



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 Steel
Aceros inoxidables
Acciai inossidabili

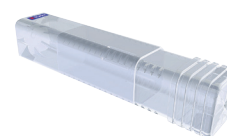


Cast iron
Fundiciones
Ghisa

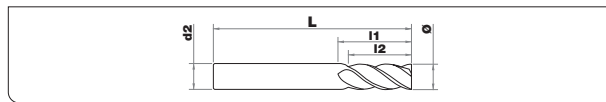
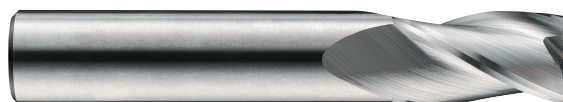


Aluminium alloys
Aleaciones de aluminio
Leghe di alluminio

8236481	EAN	Ø	d2	L	I2	QTY	PCB
82364810100	3221910873219	1	3	38	3	1	1
82364810150	3221910873226	1.5	3	38	3	1	1
82364810200	3221910873233	2	3	38	3	1	1
82364810250	3221910873240	2.5	3	38	3	1	1
82364810300	3221910873257	3	3	38	4	1	1
82364810350	3221910873264	3.5	6	50	4	1	1
82364810400	3221910873271	4	6	54	5	1	1
82364810450	3221910873288	4.5	6	54	5	1	1
82364810500	3221910873295	5	6	54	6	1	1
82364810600	3221910873301	6	6	54	7	1	1
82364810700	3221910873318	7	8	58	8	1	1
82364810800	3221910873325	8	8	58	9	1	1
82364810900	3221910873332	9	10	66	10	1	1
82364811000	3221910873349	10	10	66	11	1	1
82364811200	3221910873356	12	12	73	12	1	1
82364811400	3221910873363	14	14	75	14	1	1
82364811600	3221910873370	16	16	82	16	1	1
82364811800	3221910873387	18	18	84	18	1	1
82364812000	3221910873394	20	20	92	20	1	1



**SOLID CARBIDE END MILLS, DIN,
Z3, LONG SERIES. CHAMFER EDGE
PROTECT.**



Universal application, life span,
profitability.

Polivalencia, duración de vida,
rentabilidad.

Polivalente, lunga durata, redditività.



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 Steel
Aceros inoxidables
Acciai inossidabili

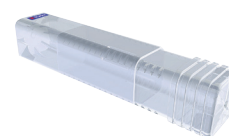


Cast iron
Fundiciones
Ghisa

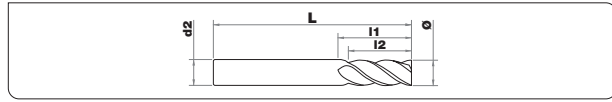


Aluminium alloys
Aleaciones de aluminio
Leghe di alluminio

8236531	EAN	Ø	d2	L	I2	QTY	PCB
82365310200	3221910874124	2	3	38	6	1	1
82365310250	3221910874131	2.5	3	38	7	1	1
82365310300	3221910874148	3	3	38	7	1	1
82365310350	3221910874155	3.5	6	57	7	1	1
82365310400	3221910874162	4	6	57	8	1	1
82365310450	3221910874179	4.5	6	57	8	1	1
82365310500	3221910874186	5	6	57	10	1	1
82365310600	3221910874193	6	6	57	10	1	1
82365310700	3221910874209	7	8	63	13	1	1
82365310800	3221910874216	8	8	63	16	1	1
82365310900	3221910874223	9	10	72	16	1	1
82365311000	3221910874230	10	10	72	19	1	1
82365311200	3221910874247	12	12	83	22	1	1
82365311400	3221910874254	14	14	83	22	1	1
82365311600	3221910874261	16	16	92	26	1	1
82365311800	3221910874278	18	18	92	26	1	1
82365312000	3221910874285	20	20	104	32	1	1



**SOLID CARBIDE END MILLS, DIN,
Z3, LONG SERIES. CHAMFER EDGE
PROTECT.**



Universal application, life span,
profitability.

Polivalencia, duración de vida,
rentabilidad.

Polivalente, lunga durata, redditività.



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 Steel
Aceros inoxidables
Acciai inossidabili

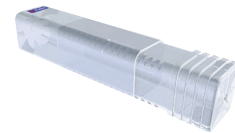


Cast iron
Fundiciones
Ghisa

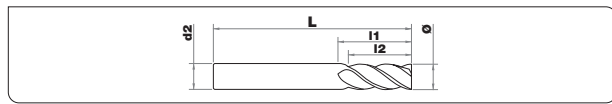
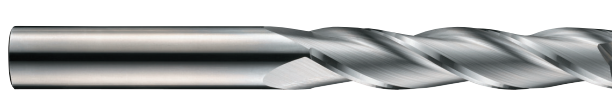


Aluminium alloys
Aleaciones de aluminio
Leghe di alluminio

8236541	EAN	Ø	d2	L	I2	QTY	PCB
82365410200	3221910874292	2	3	38	6	1	1
82365410250	3221910874308	2.5	3	38	7	1	1
82365410300	3221910874315	3	3	38	7	1	1
82365410350	3221910874322	3.5	6	57	7	1	1
82365410400	3221910874339	4	6	57	8	1	1
82365410450	3221910874346	4.5	6	57	8	1	1
82365410500	3221910874353	5	6	57	10	1	1
82365410600	3221910874360	6	6	57	10	1	1
82365410700	3221910874377	7	8	63	13	1	1
82365410800	3221910874384	8	8	63	16	1	1
82365410900	3221910874391	9	10	72	16	1	1
82365411000	3221910874407	10	10	72	19	1	1
82365411200	3221910874414	12	12	83	22	1	1
82365411400	3221910874421	14	14	83	22	1	1
82365411600	3221910874438	16	16	92	26	1	1
82365411800	3221910874445	18	18	92	26	1	1
82365412000	3221910874452	20	20	104	32	1	1



**SOLID CARBIDE END MILLS,DIN,
Z3 EXTRA LONG SERIES. CHAMFER
EDGE PROTECT.**



Universal application, life span,
profitability.

Polivalencia, duración de vida,
rentabilidad.

Polivalente, lunga durata, redditività.



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 Steel
Aceros inoxidables
Acciai inossidabili

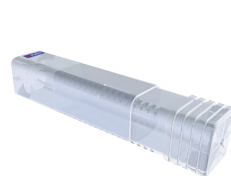


Cast iron
Fundiciones
Ghisa

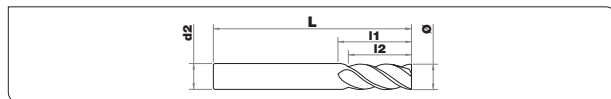
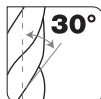


Aluminium alloys
Aleaciones de aluminio
Leghe di alluminio

8236101	EAN	Ø	d2	L	I2	QTY	PCB
82361010300075	3221910795436	3	3	75	25	1	1
82361010400075	3221910795443	4	4	75	25	1	1
82361010500075	3221910795450	5	5	75	25	1	1
82361010600075	3221910795467	6	6	75	25	1	1
82361010800075	3221910795474	8	8	75	25	1	1
82361011000100	3221910795481	10	10	100	38	1	1
82361011200150	3221910795504	12	12	150	75	1	1
82361011400150	3221910795511	14	14	150	75	1	1
82361011600150	3221910795528	16	16	150	75	1	1
82361011800150	3221910795535	18	18	150	75	1	1
82361012000150	3221910795542	20	20	150	75	1	1



**SOLID CARBIDE END MILLS,DIN,
Z3 EXTRA LONG SERIES. CHAMFER
EDGE PROTECT.**



Universal application, life span,
profitability.

Polivalencia, duración de vida,
rentabilidad.

Polivalente, lunga durata, redditività.



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 Steel
Aceros inoxidables
Acciai inossidabili

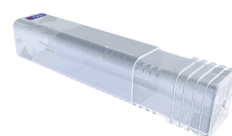


Cast iron
Fundiciones
Ghisa

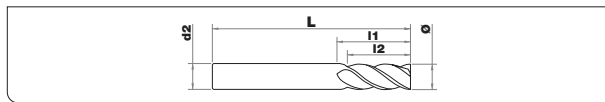
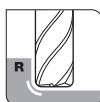


Aluminium alloys
Aleaciones de aluminio
Leghe di alluminio

8236601	EAN	Ø	d2	L	I2	QTY	PCB
82366010300	3221910875022	3	3	75	25	1	1
82366010400	3221910875039	4	4	75	25	1	1
82366010500	3221910875046	5	5	75	25	1	1
82366010600	3221910875053	6	6	75	25	1	1
82366010800	3221910875060	8	8	75	25	1	1
82366011000	3221910875077	10	10	100	38	1	1
82366011200	3221910875084	12	12	150	75	1	1
82366011400	3221910875091	14	14	150	75	1	1
82366011600	3221910875107	16	16	150	75	1	1
82366011800	3221910875114	18	18	150	75	1	1
82366012000	3221910875121	20	20	150	75	1	1



**SOLID CARBIDE ALCRONA END
MILLS Z4 CORNER RADIUS.**



Better chip evacuation.

Mayor evacuación de viruta.

Efficace rimozione dei trucioli.



Steels for heat treatment
700-1400N/mm²
Aceros para tratamiento térmico
700-1400 N/mm²
Acciai per trattamento termico
700-1400N/mm²



Stainless Steel
Aceros inoxidables
Acciai inossidabili



Cast iron
Fundiciones
Ghisa

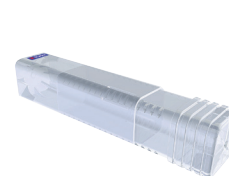


Aluminium alloys
Aleaciones de aluminio
Leghe di alluminio

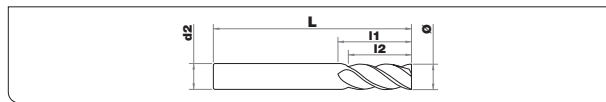


Titanium alloys
Aleaciones de titanio
Leghe di titanio

8236401	EAN	Ø	d2	L	I2	R	QTY	PCB
8236401060002	3221910858643	6	6	64	18	0,2	1	1
8236401060005	3221910858650	6	6	64	19	0,5	1	1
8236401080005	3221910858667	8	8	64	21	0,5	1	1
8236401080010	3221910858674	8	8	61	21	1	1	1
8236401100008	3221910858681	10	10	70	22	0,8	1	1
8236401100010	3221910858698	10	10	70	22	1	1	1
8236401120008	3221910858704	12	12	76	25	0,8	1	1
8236401120010	3221910858711	12	12	76	25	1	1	1
8236401160020	3221910858728	16	16	89	32	2	1	1
8236401160025	3221910858735	16	16	89	32	2,5	1	1
8236401160040	3221910858742	16	16	89	32	4	1	1
8236401200020	3221910858759	20	20	102	38	2	1	1
8236401200025	3221910858766	20	20	102	38	2,5	1	1
8236401200040	3221910858773	20	20	102	38	4	1	1



SOLID CARBIDE ALCRONA, END MILLS, Z4, CORNER RADIUS, TWIN DEPTH FLUTE.



Better chip evacuation, avoid resonance and vibrations.

Gran evacuación de viruta y reducción del fenómeno de resonancia.

Efficace rimozione dei trucioli e riduzione del fenomeno di risonanza.



Steels for heat treatment
700-1400N/mm²
Aceros para tratamiento térmico
700-1400 N/mm²
Acciai per trattamento termico
700-1400N/mm²



Stainless Steel
Aceros inoxidables
Acciai inossidabili



Cast iron
Fundiciones
Ghisa

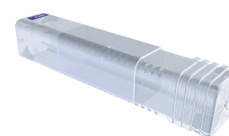


Aluminium alloys
Aleaciones de aluminio
Leghe di alluminio

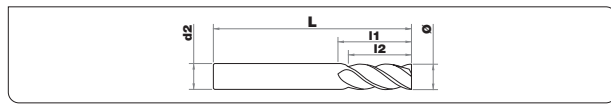
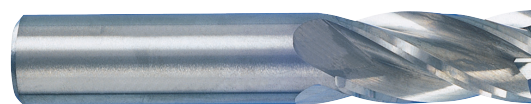


Titanium alloys
Aleaciones de titanio
Leghe di titanio

8236421	EAN	Ø	d2	L	I2	R	QTY	PCB
8236421080000	3221912046932	8	8	64	21	0	1	1
8236421080005	3221910858520	8	8	64	21	0.5	1	1
8236421080010	3221910858537	8	8	64	21	1	1	1
8236421100000	3221912066527	10	10	70	22	0	1	1
8236421100008	3221910858544	10	10	70	22	0.8	1	1
8236421100010	3221910858551	10	10	70	22	1	1	1
8236421120000	3221912066534	12	12	76	25	0	1	1
8236421120008	3221910858568	12	12	76	25	0.8	1	1
8236421120010	3221910858575	12	12	76	25	1	1	1
8236421160000	3221912066541	16	16	89	32	0	1	1
8236421160020	3221910858582	16	16	89	32	2	1	1
8236421160025	3221910858599	16	16	89	32	2.5	1	1
8236421160040	3221910858605	16	16	89	32	4	1	1
8236421200000	3221912066558	20	20	102	38	0	1	1
8236421200020	3221910858612	20	20	102	38	2	1	1
8236421200025	3221910858629	20	20	102	38	2.5	1	1
8236421200040	3221910858636	20	20	102	38	4	1	1



**SOLID CARBIDE END MILLS Z4
CHAMFER EDGE PROTECTION.**



Universal application.

Fresado universal.

Fresatura polivalente .



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 Steel
Aceros inoxidables
Acciai inossidabili

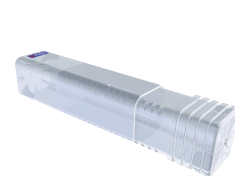


Cast iron
Fundiciones
Ghisa

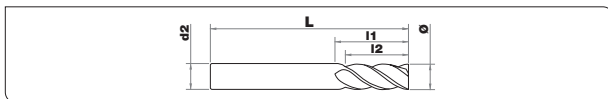


Aluminium alloys
Aleaciones de aluminio
Leghe di alluminio

8236041	EAN	Ø	d2	L	I2	QTY	PCB
82360410100	3221910794446	1	3	39	3	1	1
82360410150	3221910794453	1.5	3	39	5	1	1
82360410200	3221910794460	2	3	39	7	1	1
82360410250	3221910794477	2.5	3	39	7	1	1
82360410300	3221910794484	3	3	39	9	1	1
82360410350	3221910794491	3.5	4	51	12	1	1
82360410400	3221910794507	4	4	51	14	1	1
82360410450	3221910794514	4.5	5	51	14	1	1
82360410500	3221910794521	5	5	51	16	1	1
82360410600	3221910794538	6	6	64	19	1	1
82360410700	3221910794545	7	8	64	19	1	1
82360410800	3221910794552	8	8	64	21	1	1
82360410900	3221910794569	9	10	70	22	1	1
82360411000	3221910794576	10	10	70	22	1	1
82360411100	3221910794583	11	11	70	25	1	1
82360411200	3221910794590	12	12	76	25	1	1
82360411400	3221910794606	14	14	89	30	1	1
82360411600	3221910794613	16	16	89	32	1	1
82360411800	3221910794620	18	18	102	35	1	1
82360412000	3221910794637	20	20	102	38	1	1
82360412200	3221910794644	22	22	102	38	1	1
82360412500	3221910794651	25	25	102	38	1	1



**SOLID CARBIDE HARD CUT END
MILLS Z4 CHAMFER EDGE PRO-
TECTION.**



Universal application.

Fresado universal.

Fresatura polivalente .



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 Steel
Aceros inoxidables
Acciai inossidabili

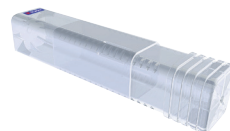


Cast iron
Fundiciones
Ghisa

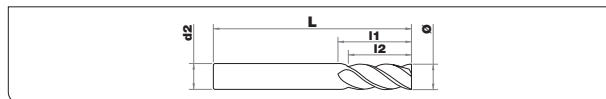


Aluminium alloys
Aleaciones de aluminio
Leghe di alluminio

8236171	EAN	Ø	d2	L	I2	QTY PCB
82361710100	3221910822996	1	3	39	3	1 1
82361710150	3221910823009	1.5	3	39	5	1 1
82361710200	3221910823016	2	3	39	7	1 1
82361710250	3221910823023	2.5	3	39	7	1 1
82361710300	3221910823030	3	3	39	9	1 1
82361710350	3221910823047	3.5	4	51	12	1 1
82361710400	3221910823054	4	4	51	14	1 1
82361710450	3221910823061	4.5	5	51	14	1 1
82361710500	3221910823078	5	5	51	16	1 1
82361710600	3221910823085	6	6	64	19	1 1
82361710700	3221910823092	7	8	64	19	1 1
82361710800	3221910823108	8	8	64	21	1 1
82361710900	3221910823115	9	10	70	22	1 1
82361711000	3221910823122	10	10	70	22	1 1
82361711100	3221910823139	11	11	70	25	1 1
82361711200	3221910823146	12	12	76	25	1 1
82361711400	3221910823153	14	14	89	30	1 1
82361711600	3221910823160	16	16	89	32	1 1
82361711800	3221910823177	18	18	102	35	1 1
82361712000	3221910823184	20	20	102	38	1 1
82361712200	3221910823191	22	22	102	38	1 1
82361712500	3221910823207	25	25	102	38	1 1



**SOLID CARB. , END MILLS, DIN,
Z4, SHORT S. CHAMFER EDGE
PROTECT.**



Universal application, life span,
profitability.

Polivalencia, duración de vida,
rentabilidad.

Polivalente, lunga durata, redditività.



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 Steel
Aceros inoxidables
Acciai inossidabili



Cast iron
Fundiciones
Ghisa



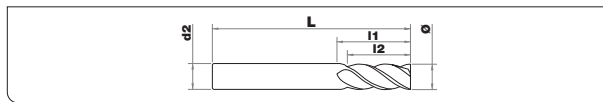
Aluminium alloys
Aleaciones de aluminio
Leghe di alluminio

8236491	EAN	Ø	d2	L	I2	QTY PCB
82364910100	3221910873400	1	3	38	3	1 1
82364910150	3221910873417	1.5	3	38	4	1 1
82364910200	3221910873424	2	3	38	4	1 1
82364910250	3221910873431	2.5	3	38	4	1 1
82364910300	3221910873448	3	3	38	5	1 1
82364910350	3221910873455	3.5	6	50	6	1 1
82364910400	3221910873462	4	6	54	8	1 1
82364910450	3221910873479	4.5	6	54	8	1 1
82364910500	3221910873486	5	6	54	9	1 1
82364910600	3221910873493	6	6	54	10	1 1
82364910700	3221910873509	7	8	58	11	1 1
82364910800	3221910873516	8	8	58	12	1 1
82364910900	3221910873523	9	10	66	13	1 1
82364911000	3221910873530	10	10	66	14	1 1
82364911200	3221910873547	12	12	73	26	1 1
82364911400	3221910873554	14	14	75	18	1 1
82364911600	3221910873561	16	16	82	22	1 1
82364911800	3221910873578	18	18	84	24	1 1
82364912000	3221910873585	20	20	92	26	1 1





SOLID CARB. ALCRONA, END MILLS, DIN, Z4, SHORT S. CHAMFER EDGE PROTECT.



Universal application, life span, profitability.

Polivalencia, duración de vida, rentabilidad.

Polivalente, lunga durata, redditività.



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 Steel
Aceros inoxidables
Acciai inossidabili

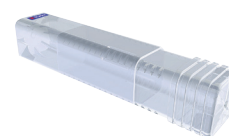


Cast iron
Fundiciones
Ghisa



Aluminium alloys
Aleaciones de aluminio
Leghe di alluminio

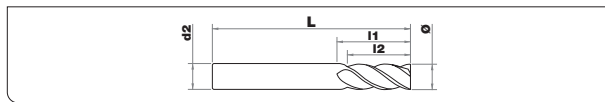
8236501	EAN	Ø	d2	L	I2	QTY	PCB
82365010100	3221910873592	1	3	38	3	1	1
82365010150	3221910873608	1.5	3	38	4	1	1
82365010200	3221910873615	2	3	38	4	1	1
82365010250	3221910873622	2.5	3	38	4	1	1
82365010300	3221910873639	3	3	38	5	1	1
82365010350	3221910873646	3.5	6	50	6	1	1
82365010400	3221910873653	4	6	54	8	1	1
82365010450	3221910873660	4.5	6	54	8	1	1
82365010500	3221910873677	5	6	54	9	1	1
82365010600	3221910873684	6	6	54	10	1	1
82365010700	3221910873691	7	8	58	11	1	1
82365010800	3221910873707	8	8	58	12	1	1
82365010900	3221910873714	9	10	66	13	1	1
82365011000	3221910873721	10	10	66	14	1	1
82365011200	3221910873738	12	12	73	26	1	1
82365011400	3221910873745	14	14	75	18	1	1
82365011600	3221910873752	16	16	82	22	1	1
82365011800	3221910873769	18	18	84	24	1	1
82365012000	3221910873776	20	20	92	26	1	1



**SOLID CARB. , END MILLS, DIN, Z4,
LONG S. CHAMFER EDGE PROTECT.**

**FRESA METAL DURO , DIN, Z4,
LARGA. CHAFLÁN DE PROTECCIÓN.**

**FRESA IN MD DIN Z4, LUNGA,
SMUSSI DI PROTEZIONE.**



Universal application, life span,
profitability.

Polivalencia, duración de vida,
rentabilidad.

Polivalente, lunga durata, redditività.



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 Steel
Aceros inoxidables
Acciai inossidabili

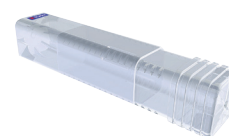


Cast iron
Fundiciones
Ghisa



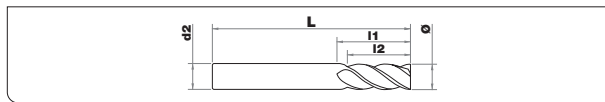
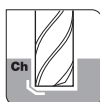
Aluminium alloys
Aleaciones de aluminio
Leghe di alluminio

8236551	EAN	Ø	d2	L	I2	QTY	PCB
82365510200	3221910874469	2	3	38	7	1	1
82365510250	3221910874476	2.5	3	38	8	1	1
82365510300	3221910874483	3	3	38	8	1	1
82365510350	3221910874490	3.5	6	57	10	1	1
82365510400	3221910874506	4	6	57	11	1	1
82365510450	3221910874513	4.5	6	57	11	1	1
82365510500	3221910874520	5	6	57	13	1	1
82365510600	3221910874537	6	6	57	13	1	1
82365510700	3221910874544	7	8	63	16	1	1
82365510800	3221910874551	8	8	63	19	1	1
82365510900	3221910874568	9	10	72	19	1	1
82365511000	3221910874575	10	10	72	22	1	1
82365511200	3221910874582	12	12	83	26	1	1
82365511400	3221910874599	14	14	83	26	1	1
82365511600	3221910874605	16	16	92	32	1	1
82365511800	3221910874612	18	18	92	32	1	1
82365512000	3221910874629	20	20	104	38	1	1





**SOLID CARB. ALCRONA, END
MILLS, DIN, Z4, LONG S. CHAMFER
EDGE PROTECT.**



Universal application, life span,
profitability.

Polivalencia, duración de vida,
rentabilidad.

Polivalente, lunga durata, redditività.



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 Steel
Aceros inoxidables
Acciai inossidabili

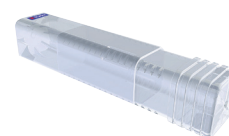


Cast iron
Fundiciones
Ghisa

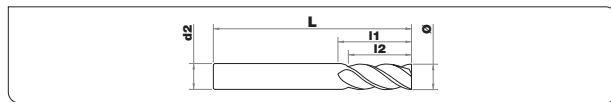
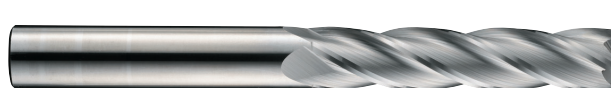


Aluminium alloys
Aleaciones de aluminio
Leghe di alluminio

8236561	EAN	Ø	d2	L	I2	QTY PCB
82365610200	3221910874636	2	3	38	7	1 1
82365610250	3221910874643	2.5	3	38	8	1 1
82365610300	3221910874650	3	3	38	8	1 1
82365610350	3221910874667	3.5	6	57	10	1 1
82365610400	3221910874674	4	6	57	11	1 1
82365610450	3221910874681	4.5	6	57	11	1 1
82365610500	3221910874698	5	6	57	13	1 1
82365610600	3221910874704	6	6	57	13	1 1
82365610700	3221910874711	7	8	63	16	1 1
82365610800	3221910874728	8	8	63	19	1 1
82365610900	3221910874735	9	10	72	19	1 1
82365611000	3221910874742	10	10	72	22	1 1
82365611200	3221910874759	12	12	83	26	1 1
82365611400	3221910874766	14	14	83	26	1 1
82365611600	3221910874773	16	16	92	32	1 1
82365611800	3221910874780	18	18	92	32	1 1
82365612000	3221910874797	20	20	104	38	1 1



**SOLID CARB. , END MILLS, DIN,
Z4, EXTRA LO. CHAMFER EDGE
PROTECT.**



Universal application, life span,
profitability.

Polivalencia, duración de vida,
rentabilidad.

Polivalente, lunga durata, redditività.



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 Steel
Aceros inoxidables
Acciai inossidabili

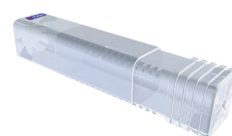


Cast iron
Fundiciones
Ghisa



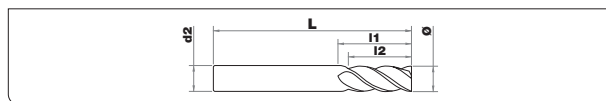
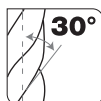
Aluminium alloys
Aleaciones de aluminio
Leghe di alluminio

8236611	EAN	Ø	d2	L	I2	QTY	PCB
82366110300	3221910875138	3	3	75	25	1	1
82366110400	3221910875145	4	4	75	25	1	1
82366110500	3221910875152	5	5	75	25	1	1
82366110600	3221910875169	6	6	75	25	1	1
82366110800	3221910875176	8	8	75	25	1	1
82366111000	3221910875183	10	10	100	38	1	1
82366111200	3221910875190	12	12	150	75	1	1
82366111400	3221910875206	14	14	150	75	1	1
82366111600	3221910875213	16	16	150	75	1	1
82366111800	3221910875220	18	18	150	75	1	1
82366112000	3221910875237	20	20	150	75	1	1





SOLID CARB. ALCRONA, END MILLS, DIN, Z4, EXTRA LO. CHAMFER EDGE PROTECT.



Universal application, life span, profitability.

Polivalencia, duración de vida, rentabilidad.

Polivalente, lunga durata, redditività.



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 Steel
Aceros inoxidables
Acciai inossidabili

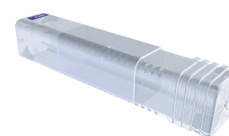


Cast iron
Fundiciones
Ghisa

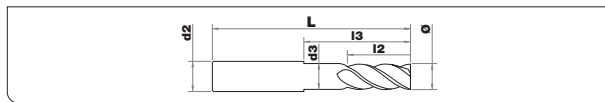
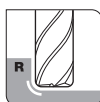


Aluminium alloys
Aleaciones de aluminio
Leghe di alluminio

8236621	EAN	Ø	d2	L	I2	QTY	PCB
82366210300	3221910875244	3	3	75	25	1	1
82366210400	3221910875251	4	4	75	25	1	1
82366210500	3221910875268	5	5	75	25	1	1
82366210600	3221910875275	6	6	75	25	1	1
82366210800	3221910875282	8	8	75	25	1	1
82366211000	3221910875299	10	10	100	38	1	1
82366211200	3221910875305	12	12	150	75	1	1
82366211400	3221910875312	14	14	150	75	1	1
82366211600	3221910875329	16	16	150	75	1	1
82366211800	3221910875336	18	18	150	75	1	1
82366212000	3221910875343	20	20	150	75	1	1



SOLID CARBIDE ULTRACUT Z4-8
CORNER RADIUS RAKE ANGLE 5°.



Designed for finishing in heat treatable steels > 50 Hrc.

Diseñado para el acabado de aceros tratados > 50 Hrc.

Concepita per la finitura degli acciai trattati.



Heat Treatable Steels <1200N/mm²
Aceros aleados y tratados < 1200N/mm²
Acciai per trattamento termico <1200N/mm²

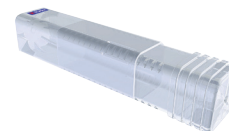


Heat Treatable Steels <1400N/mm²
Aceros aleados y tratados < 1400N/mm²
Acciai per trattamento termico <1400N/mm²

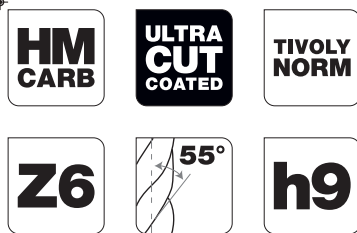


Ni / Co based special alloys & Titanium
Aleaciones refractarias Co / Ni y Titanio
Leghe refrattarie Co / Ni i titanio

8236341	EAN	Ø	d2	L	I2	I3	R	QTY	PCB
8236341030005	3221910824365	3	6	57	4	14	0.5	1	1
8236341040005	3221910824372	4	6	57	5	16	0.5	1	1
8236341050005	3221910824389	5	6	57	6	18	0.5	1	1
8236341060005	3221910824396	6	6	57	7	20	0.5	1	1
8236341060008	3221910824402	6	6	57	7	20	0.8	1	1
8236341080005	3221910824419	8	8	63	9	26	0.5	1	1
8236341080010	3221910824426	8	8	63	9	26	1	1	1
8236341100005	3221910824433	10	10	72	11	31	0.5	1	1
8236341100010	3221910824440	10	10	72	11	31	1	1	1
8236341120005	3221910824457	12	12	83	12	37	0.5	1	1
8236341160015	3221910824464	16	16	92	16	43	1.5	1	1
8236341200020	3221910824471	20	20	104	20	53	2	1	1



SOLID CARBIDE ULTRACUT END MILLS, Z6. CHAMFER EDGE PROTECT.



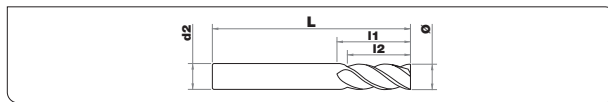
Designed for finishing in stainless steels.

FRESA METAL DURO ULTRACUT, Z6, CHAFLÁN DE PROTECCIÓN.



Diseñado para el acabado de los aceros inoxidables.

FRESA IN MD ULTRACUT Z6, SMUSSI DI PROTEZIONE.



Concepita per la finitura degli acciai inossidabili.

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

IJ Cast iron
Fundiciones
Ghisa

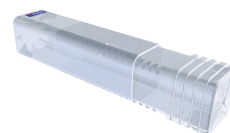
CD Steels for heat treatment 700-1200N/mm²
Aceros para tratamiento térmico 700-1200 N/mm²
Acciai per trattamento termico 700-1200N/mm²

KLM Aluminium alloys
Aleaciones de aluminio
Leghe di alluminio

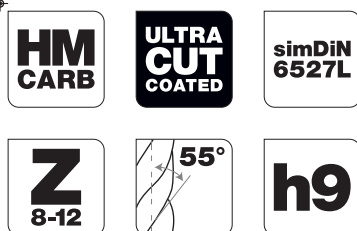
FGH Stainless Steel
Aceros inoxidables
Acciai inossidabili

Ti Titanium alloys
Aleaciones de titanio
Leghe di titanio

8236231	EAN	Ø	d2	L	I2	QTY	PCB
82362310600	3221910823740	6	6	64	19	1	1
82362310800	3221910823757	8	8	64	21	1	1
82362311000	3221910823764	10	10	64	25	1	1
82362311200	3221910823771	12	12	76	25	1	1
82362311600	3221910823788	16	16	89	32	1	1
82362312000	3221910823795	20	20	102	38	1	1



SOLID CARBIDE ULTRACUT ZMAX RAKE ANGLE 0°, CHAMFER EDGE PROTECT.



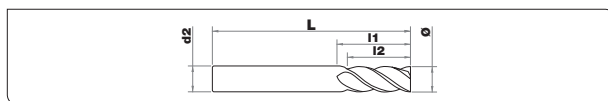
Designed for super finishing in heat treatable steels > 50 Hrc.

FRESA METAL DURO ULTRACUT ZMAX, CORTE A 0°, CHAFLÁN DE PROTECCIÓN.



Diseñado para el super acabado de los aceros tratados > 50 Hrc.

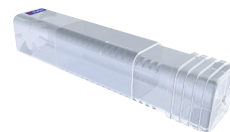
FRESA IN MD ULTRACUT Z6, SMUSSI DI PROTEZIONE.



Concepita per la finitura degli acciai inossidabili.

D Heat Treatable Steels <1200N/mm²
Aceros aleados y tratados < 1200N/mm²
Acciai per trattamento termico <1200N/mm²

8236361	EAN	Ø	d2	L	I2	Z	QTY	PCB
82363610600	3221910824488	6	6	57	13	8	1	1
82363610800	3221910824495	8	8	63	19	10	1	1
82363611000	3221910824501	10	10	72	22	10	1	1
82363611200	3221910824518	12	12	83	26	12	1	1
82363611400	3221910824525	14	14	83	26	12	1	1
82363611600	3221910824532	16	16	92	32	12	1	1



E Heat Treatable Steels <1400N/mm²
Aceros aleados y tratados < 1400N/mm²
Acciai per trattamento termico <1400N/mm²

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