+ PRECISION TOOLING

+ METROLOGY

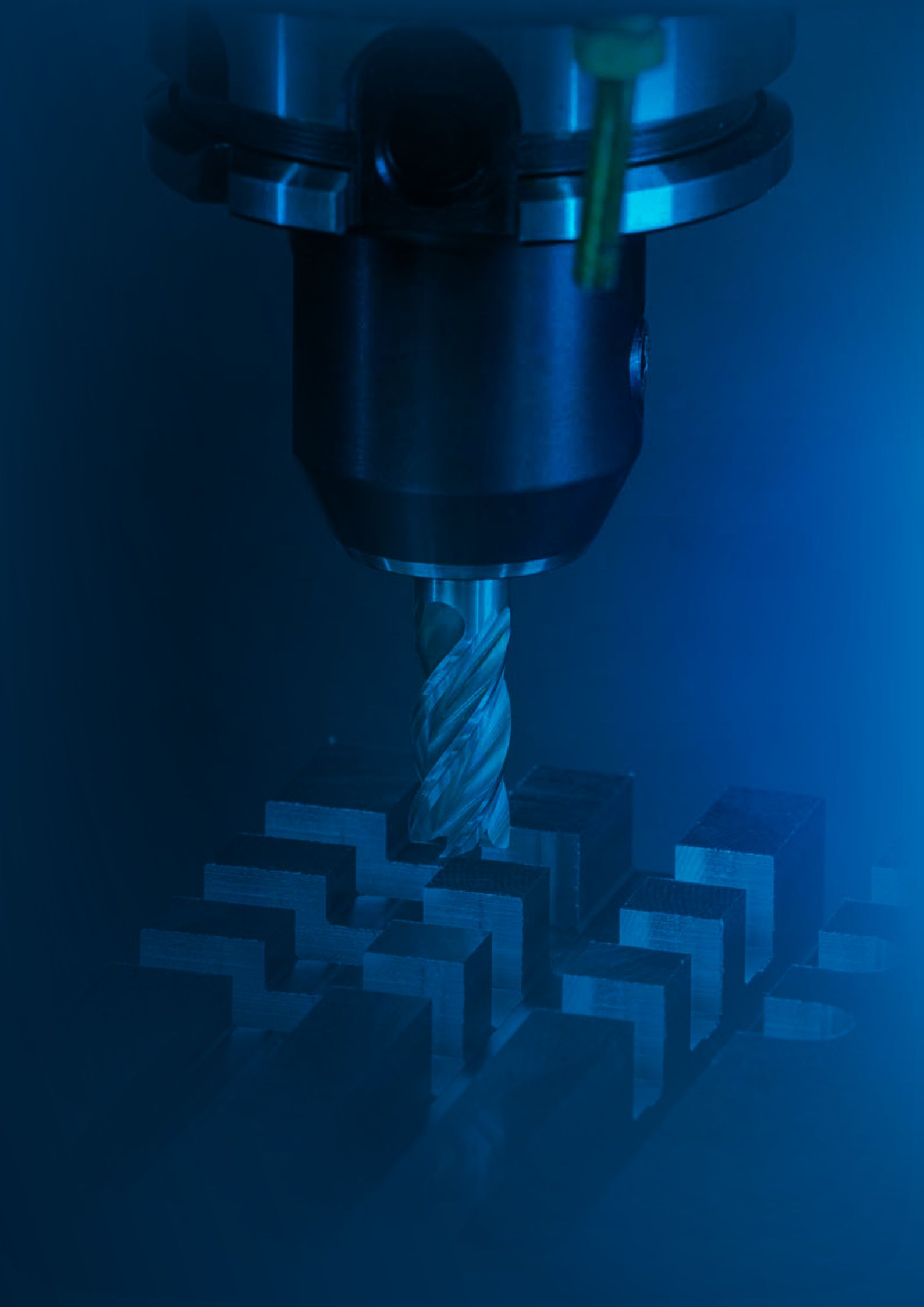
+ MRO

+ LUBRICANTS

+ HANDLING

HIGHLIGHT TECHNOLOGY

NET PRICES VALID UNTIL 31.01.24 (VAT EXCLUDED) - **EN**



The A + B Group is an industrial reality that has 14 companies producing and distributing products around 3 meters from the machine tool.

The technological level of the products we market are designed to reduce processing time, increase the production level and improve efficiency and operations within the mechanical workshop.

Worldwide we serve more than 15.000 customers.

Our catalogue contains more than 27.000 items including both private and well known brands (Mituotyo, Milwaukee,...).

We have 5 production sites where we develop highly technological products.

We guarantee high added value consultancy thanks to our strong territorial presence, with 120 technical engineers and product managers.

04
PRECISION TOOLING

32
LUBRICANTS

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MRO

in 3 m everything

NET PRICES VALID UNTIL 31.01.24 (VAT EXCLUDED)

58
HANDLING

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METROLOGY

eters
you need

NET PRICES VALID UNTIL 31.01.24 (VAT EXCLUDED)

PRECISION TOOLING

PRECISION TOOLING p 04
METROLOGY p 24
LUBRICANTS p 32
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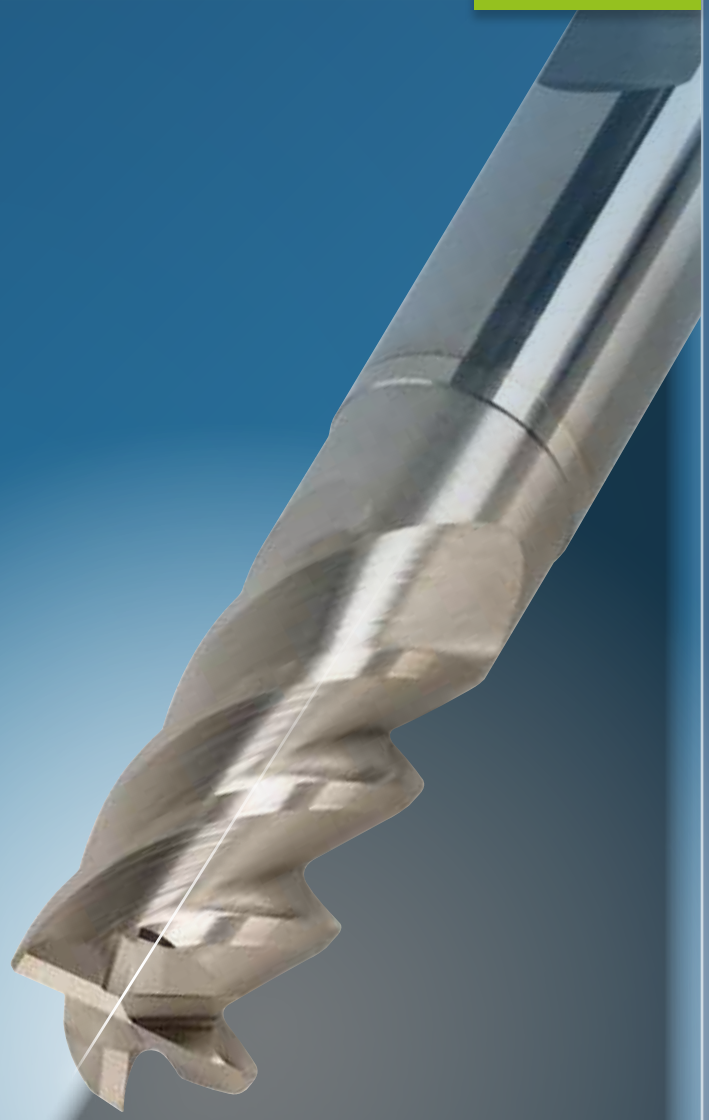
HANDLING p 58

NET PRICES VALID UNTIL 31.01.24 (VAT EXCLUDED)

KERFOLG UNIVERSAL

NEW

END MILLS WITH VARIABLE PITCH Z4



UNIVERSAL TOOL

Its unique characteristics means it can achieve excellent results when used for contouring roughing and wall finishing operations.

PLATEX - INNOVATIVE COATING

Specially designed for general purpose machining capable of withstanding up to 1,050 °C.

EXCELLENT ON STAINLESS STEEL AND TITANIUM ALLOYS

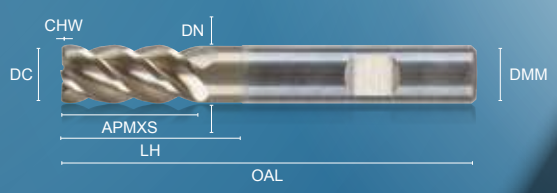
The design of the propeller simplifies the chip removal process.

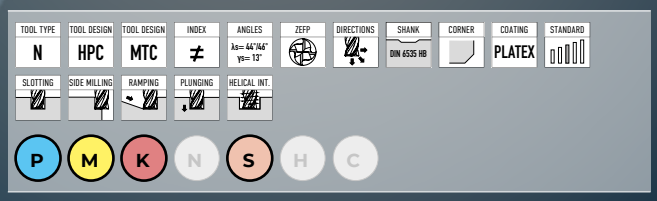
SOFT CUT

A unique eccentric rake angle and variable propeller, ensures a long tool life without vibrations, ensuring soft and silent cutting.

EXCELLENT STABILITY DURING MACHINING

Even in conditions of poor stability, it always guarantees excellent levels of reliability and precise processing.





CODE	Price List	HT	DC f8 mm	APMXS mm	DN mm	LH mm	OAL mm	DMM h5 mm	CHW mm	ZEFP
A4U4403W	~~29,70~~	19,00	3	8	-	-	57	6	0,1	4
A4U4404W	~~29,70~~	19,00	4	11	-	-	57	6	0,1	4
A4U4405W	~~29,70~~	19,00	5	13	4,9	18	57	6	0,1	4
A4U4406W	~~29,70~~	19,00	6	13	5,9	18	57	6	0,1	4
A4U4408W	~~41,90~~	26,00	8	21	7,8	25	64	8	0,2	4
A4U4410W	~~56,70~~	35,00	10	22	9,7	30	72	10	0,2	4
A4U4412W	~~74,30~~	46,00	12	26	11,7	36	83	12	0,3	4
A4U4414W	~~102,60~~	63,00	14	26	13,7	36	83	14	0,3	4
A4U4416W	~~131,00~~	81,00	16	36	15,5	42	92	16	0,3	4
A4U4420W	~~193,10~~	120,00	20	41	19,5	52	104	20	0,3	4

NET PRICES VALID UNTIL 31.01.24 (VAT EXCLUDED)

FOLLOW
THE NEW PROGRAM

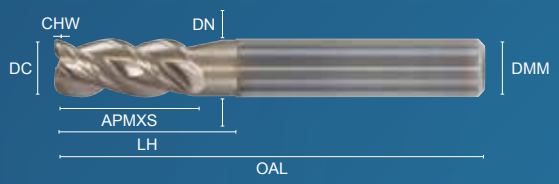
KERFOLG

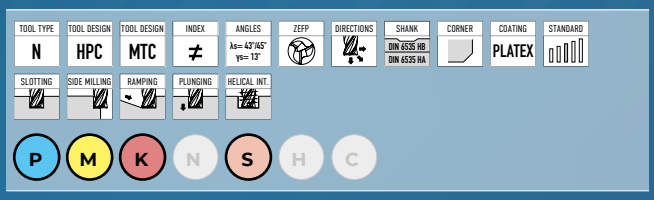
UNIVERSAL

KERFOLG

NEW

END MILLS WITH VARIABLE PITCH Z3



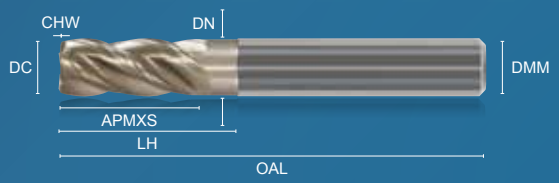


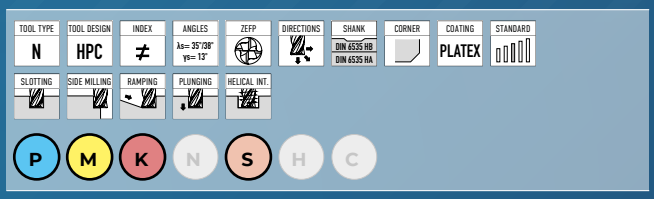
CODE	Price List	HT *	DC f8 mm	APMXS mm	DN mm	LH mm	OAL mm	DMM h5 mm	CHW mm	ZEFP
A4U3902	~~43,53~~	27,00	2	5	1,92	10	57	6	0,1	3
A4U3903	~~43,53~~	27,00	3	8	2,9	15	57	6	0,1	3
A4U3904	~~43,53~~	27,00	4	11	3,9	16	57	6	0,1	3
A4U3905	~~43,53~~	27,00	5	13	4,9	19	57	6	0,1	3
A4U3906	~~45,77~~	28,00	6	13	5,9	19	57	6	0,1	3
A4U3907	~~52,39~~	32,00	7	19	6,8	25	63	8	0,2	3
A4U3908	~~52,39~~	32,00	8	19	7,8	25	63	8	0,2	3
A4U3910	~~86,63~~	53,00	10	22	9,7	30	72	10	0,2	3
A4U3912	~~120,78~~	74,00	12	26	11,7	36	83	12	0,2	3
A4U3914	~~159,50~~	98,00	14	26	13,7	36	83	14	0,2	3
A4U3916	~~241,43~~	149,00	16	32	15,5	42	92	16	0,2	3

KERFOLG

NEW

END MILLS WITH VARIABLE PITCH Z4





CODE	Price List	HT *	DV f8 mm	APMXS mm	DN mm	LH mm	OAL mm	DMM h5 mm	CHW mm	ZEFP
A4U4003	~~38,45~~	23,00	3	8	-	-	57	6	0,1	4
A4U4004	~~38,45~~	23,00	4	11	3,9	12	57	6	0,1	4
A4U4005	~~38,45~~	23,00	5	13	4,9	18	57	6	0,1	4
A4U4006	~~38,45~~	23,00	6	13	5,9	18	57	6	0,1	4
A4U4008	~~46,62~~	28,00	8	21	7,8	25	63	8	0,2	4
A4U4009	~~64,29~~	40,00	9	22	8,7	30	72	10	0,2	4
A4U4010	~~69,68~~	43,00	10	22	9,7	30	72	10	0,2	4
A4U4012	~~95,31~~	59,00	12	26	11,7	36	83	12	0,3	4
A4U4014	~~125,09~~	77,00	14	26	13,7	36	83	14	0,3	4
A4U4016	~~181,42~~	112,00	16	36	15,5	42	92	16	0,3	4
A4U4020	~~262,57~~	162,00	20	41	19,5	52	103	20	0,3	4

* The cutters are also available with Weldon shank for the same price

NET PRICES VALID UNTIL 31.01.24 (VAT EXCLUDED)

FOLLOW THE NEW PROGRAM

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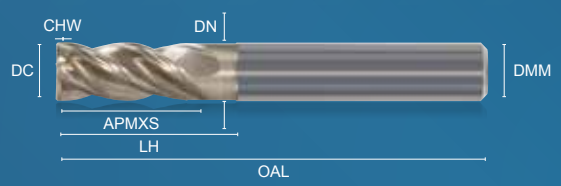
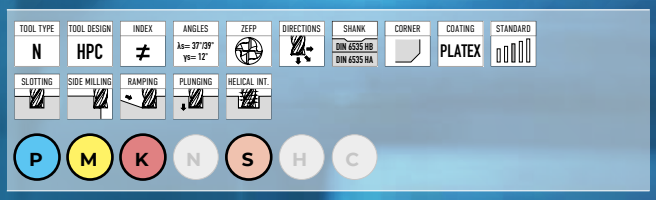
NEW

END MILLS WITH VARIABLE PITCHZ4





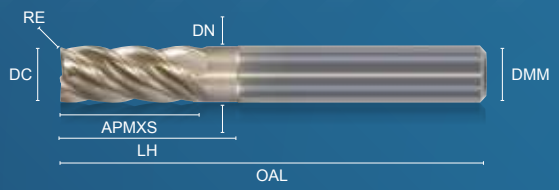
Strongly recommended for ramping, plunging and drilling

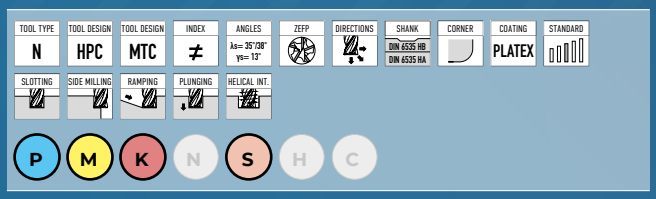
CODE	Price List	HT *	DC f8 mm	APMXS mm	DN mm	LH mm	OAL mm	DMM h5 mm	CHW mm	ZEFP
A4U4704	~~52,86~~	32,00	4	11	3,9	12	57	6	0,1	4
A4U4705	~~53,03~~	32,00	5	13	4,9	18	57	6	0,1	4
A4U4706	~~55,27~~	34,00	6	13	5,9	18	57	6	0,1	4
A4U4708	~~66,72~~	41,00	8	21	7,8	25	63	8	0,2	4
A4U4710	~~89,10~~	55,00	10	22	9,7	30	72	10	0,2	4
A4U4712	~~114,51~~	70,00	12	26	11,7	36	83	12	0,3	4
A4U4714	~~137,14~~	85,00	14	26	13,7	36	83	14	0,3	4
A4U4716	~~200,00~~	124,00	16	36	15,5	42	92	16	0,3	4
A4U4720	~~316,00~~	195,00	20	41	19,5	52	103	20	0,3	4

KERFOLG

NEW

END MILLS WITH VARIABLE PITCH Z5





CODE	Price List	HT *	DC f8 mm	APMXS mm	DN mm	LH mm	OAL mm	DMM h5 mm	RE mm	ZEFP
A4U5706	~~47,29~~	30,00	6	13	5,9	18	57	6	0,1	5
A4U5708	~~64,51~~	42,00	8	21	7,8	25	64	8	0,2	5
A4U5710	~~86,57~~	53,00	10	22	9,7	30	72	10	0,2	5
A4U5712	~~105,35~~	65,00	12	26	11,7	36	83	12	0,5	5
A4U5716	~~233,56~~	144,00	16	36	15,5	42	92	16	0,5	5
A4U5720	~~334,87~~	225,00	20	41	19,5	52	104	20	0,5	5

* Allo stesso prezzo le frese sono disponibili anche con gambo Weldon

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UNIVERSAL

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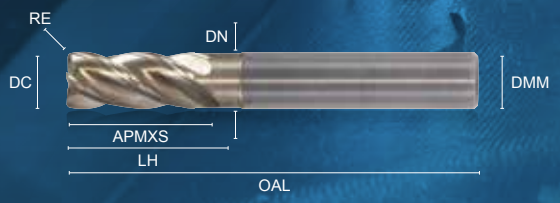
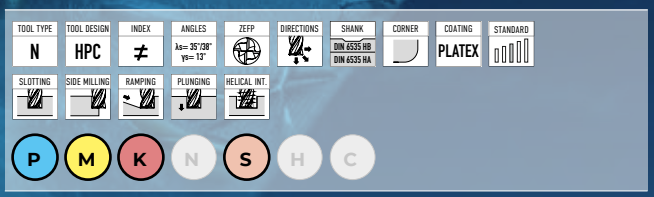
NEW

CORNER RADIUS END MILLS WITH VARIABLE PITCH Z4





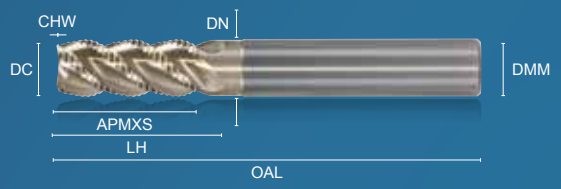
CODE	Price List	HT *	DC f8 mm	RE mm	APMXS mm	DN mm	LH mm	OAL mm	DMM h5 mm	ZEFP
A4U110402	~~66,50~~	41,00	4	0,2	11	3,9	13	57	6	4
A4U110405	~~66,50~~	41,00	4	0,5	11	3,9	13	57	6	4
A4U110502	~~68,50~~	42,00	5	0,2	13	4,9	18	57	6	4
A4U110505	~~68,50~~	42,00	5	0,5	13	4,9	18	57	6	4
A4U110602	~~70,16~~	43,00	6	0,2	13	5,9	18	57	6	4
A4U110605	~~70,16~~	43,00	6	0,5	13	5,9	18	57	6	4
A4U110610	~~70,16~~	43,00	6	1,0	13	5,9	18	57	6	4
A4U110805	~~79,26~~	49,00	8	0,5	21	7,8	25	63	8	4
A4U110810	~~79,26~~	49,00	8	1,0	21	7,8	25	63	8	4
A4U111005	~~97,89~~	60,00	10	0,5	22	9,7	30	72	10	4
A4U111010	~~97,89~~	60,00	10	1,0	22	9,7	30	72	10	4
A4U111020	~~97,89~~	60,00	10	2,0	22	9,7	30	72	10	4
A4U111205	~~140,22~~	87,00	12	0,5	26	11,7	36	83	12	4
A4U111210	~~140,22~~	87,00	12	1,0	26	11,7	36	83	12	4
A4U111220	~~140,22~~	87,00	12	2,0	26	11,7	36	83	12	4
A4U111605	~~215,24~~	133,00	16	0,5	36	15,5	42	92	16	4
A4U111610	~~215,24~~	133,00	16	1,0	36	15,5	42	92	16	4
A4U111620	~~215,24~~	133,00	16	2,0	36	15,5	42	92	16	4

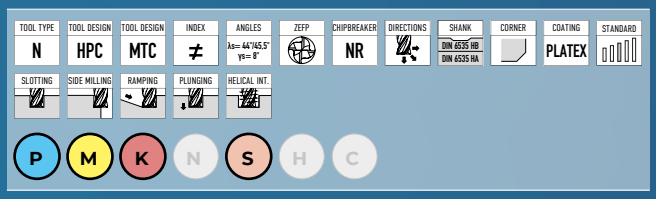
* The cutters are also available with Weldon shank for the same price

KERFOLG

NEW

ROUGHING END MILLS Z4 VARIALBLE HELIX



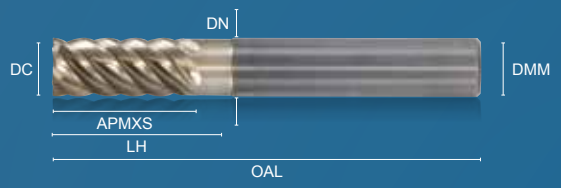


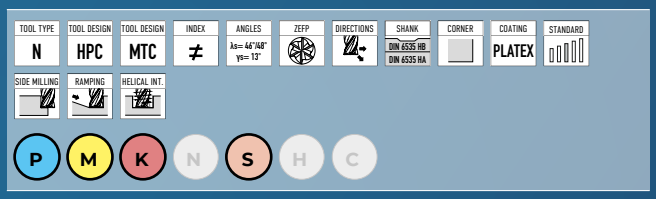
CODE	Price List	HT *	DC f8 mm	APMXS mm	DN mm	LH mm	OAL mm	DMM h5 mm	CHW mm	ZEFP
A4U1206	~~72,49~~	44,00	6	13	5,9	20	57	6	0,1	4
A4U1208	~~92,05~~	57,00	8	21	7,8	26	63	8	0,2	4
A4U1210	~~113,26~~	70,00	10	23	9,7	31	72	10	0,2	4
A4U1212	~~145,00~~	89,00	12	26	11,7	37	83	12	0,3	4
A4U1216	~~223,64~~	138,00	16	32	15,5	42	92	16	0,3	4
A4U1220	~~364,00~~	225,00	20	38	19,5	53	104	20	0,3	4

KERFOLG

NEW

SUPER FINISHING END MILLS WITH CENTRE CUTTING Z6 WTIH VARABLE PITCH





CODE	Price List	HT *	DC f8 mm	APMXS mm	DN mm	LH mm	OAL mm	DMM h5 mm	ZEFP
A4U2506	~~48,22~~	30,00	6	13	5,9	19	57	6	6
A4U2508	~~55,05~~	34,00	8	19	7,8	25	63	8	6
A4U2510	~~90,45~~	56,00	10	22	9,7	30	72	10	6
A4U2512	~~120,55~~	74,00	12	26	11,7	36	83	12	6
A4U2516	~~228,69~~	141,00	16	32	15,5	42	92	16	6
A4U2520	~~329,07~~	204,00	20	38	19,5	52	104	20	6

* The cutters are also available with Weldon shank for the same price

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KERFOLG

STANDARD

KERFOLG — NEW

END MILLS WITH VARIABLE PITCH Z4

TOOL TYPE: N | TOOL DESIGN: HPC | ANGLES: λs= 35°/38° γs= 5° | ZEFP | DIRECTIONS | SHANK: DIN 6527 HB, DIN 6527 HA | CORNER | COATING: AlCrSiN | STANDARD

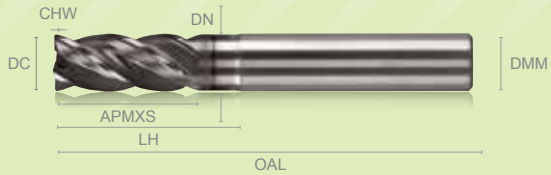
SLOTTING | SIDE MILLING | RAMPING | HELICAL INT.

P M K N S H C

CODE	Price List	HT *	DC mm	APMXS mm	DN mm	LH mm	OAL mm	DMM h6 mm	ZEFP
A4S4303	~~20,80~~	13,00	3	8	2,8	12	57	6	4
A4S4304	~~20,80~~	13,00	4	11	3,8	15	57	6	4
A4S4305	~~20,80~~	13,00	5	13	4,8	17	57	6	4
A4S4306	~~20,80~~	13,00	6	13	5,8	21	57	6	4
A4S4308	~~30,90~~	19,00	8	19	7,7	27	63	8	4
A4S4310	~~46,78~~	31,00	10	22	9,7	32	72	10	4
A4S4312	~~65,22~~	42,00	12	26	11,6	38	83	12	4
A4S4316	~~130,44~~	82,00	16	32	15,5	44	92	16	4
A4S4320	~~171,29~~	120,00	20	38	19,5	54	104	20	4

KERFOLG — NEW

END MILLS WITH VARIABLE PITCH Z4



TOOL TYPE: N | TOOL DESIGN: HPC | ANGLES: λs= 35°/38° γs= 5° | ZEFP | DIRECTIONS | CORNER | COATING: AlCrSiN | STANDARD

SLOTTING | SIDE MILLING | RAMPING | HELICAL INT.

P M K N S H C

CODE	Price List	HT *	DC mm	APMXS mm	DN mm	LH mm	OAL mm	DMM h6 mm	CHW mm	ZEFP
A4S5303	~~21,12~~	13,00	3	8	2,8	12	57	6	0,15	4
A4S5304	~~21,12~~	13,00	4	11	3,8	15	57	6	0,15	4
A4S5305	~~21,12~~	13,00	5	13	4,8	17	57	6	0,15	4
A4S5306	~~21,12~~	13,00	6	13	5,8	21	57	6	0,20	4
A4S5308	~~31,50~~	19,00	8	19	7,7	27	63	8	0,20	4
A4S5310	~~48,96~~	33,00	10	22	9,7	32	72	10	0,30	4
A4S5312	~~65,60~~	42,00	12	26	11,6	38	83	12	0,30	4
A4S5316	~~113,44~~	77,00	16	32	15,5	44	92	16	0,30	4

KERFOLG — NEW

CORNER RADIUS END MILLS WITH VARIABLE PITCH Z4

TOOL DESIGN: HPC | TOOL DESIGN: HPC | ANGLES: λs= 35°/38° γs= 5° | ZEFP | DIRECTIONS | SHANK: DIN 6527 HB, DIN 6527 HA | CORNER | COATING: AlCrSiN | STANDARD

SLOTTING | SIDE MILLING | RAMPING | HELICAL INT.

P M K N S H C

CODE	Price List	HT *	DC mm	APMXS mm	DN mm	LH mm	OAL mm	DMM h6 mm	RE mm	ZEFP
A4S160403	~~29,77~~	18,00	4	11	3,8	15	57	6	0,3	4
A4S160405	~~28,90~~	17,00	4	11	3,8	15	57	6	0,5	4
A4S160503	~~29,77~~	18,00	5	13	4,8	17	57	6	0,3	4
A4S160505	~~29,77~~	18,00	5	13	4,8	17	57	6	0,5	4
A4S160605	~~28,90~~	17,00	6	13	5,8	21	57	6	0,5	4
A4S160610	~~28,90~~	17,00	6	13	5,8	21	57	6	1	4
A4S160805	~~38,38~~	23,00	8	19	7,7	27	63	8	0,5	4
A4S160810	~~38,78~~	24,00	8	19	7,7	27	63	8	1	4
A4S161005	~~55,00~~	36,00	10	22	9,7	32	72	10	0,5	4
A4S161010	~~55,00~~	36,00	10	22	9,7	32	72	10	1	4
A4S161020	~~57,37~~	37,00	10	22	9,7	32	72	10	2	4
A4S161205	~~68,30~~	42,00	12	26	11,6	38	83	12	0,5	4
A4S161210	~~68,30~~	42,00	12	26	11,6	38	83	12	1	4
A4S161220	~~70,35~~	44,00	12	26	11,6	38	83	12	2	4

*** The cutters are also available with Weldon shank for the same price**

NET PRICES VALID UNTIL 31.01.24 (VAT EXCLUDED)

KERFOLG

CHAMFER END MILLS Z4 - 90°

TOOL TYPE: N | ANGLES: λs= 0° γs= 0° | ZEFP | DIRECTIONS | SHANK: DIN 6535 HB, DIN 6535 HA | COATING: TiAlN | STANDARD | CHAMFERING

P M K N S H C

CODE	Price List	HT *	DC mm	α°	OAL mm	DMM h6 mm	ZEFP
A4S2606	~~33,84~~	21,00	6	90	60	6	4
A4S2608	~~51,52~~	32,00	8	90	70	8	4
A4S2610	~~69,96~~	43,00	10	90	75	10	4
A4S2612	~~88,83~~	55,00	12	90	75	12	4
A4S2616	~~152,41~~	94,00	16	90	80	16	4

KERFOLG

CHAMFER END MILLS Z4 - 120°

TOOL TYPE: N | ANGLES: λs= 0° γs= 0° | ZEFP | DIRECTIONS | SHANK: DIN 6535 HB, DIN 6535 HA | COATING: TiAlN | STANDARD | CHAMFERING

P M K N S H C

CODE	Price List	HT *	DC mm	α°	OAL mm	DMM h6 mm	ZEFP
A4S2704	~~22,50~~	13,00	4	120	50	4	4
A4S2706	~~35,09~~	21,00	6	120	50	6	4
A4S2708	~~54,01~~	33,00	8	120	60	8	4
A4S2710	~~69,30~~	42,00	10	120	75	10	4
A4S2712	~~92,18~~	57,00	12	120	75	12	4
A4S2716	~~146,40~~	90,00	16	120	100	16	4

KERFOLG

END MILLS LONG SERIES Z4

TOOL TYPE: N | ANGLES: λs= 30° γs= 9° | ZEFP | DIRECTIONS | SHANK: DIN 6535 HB, DIN 6535 HA | CORNER | COATING: TiAlN | LONG | SLOTTING | SIDE MILLING | RAMPING | HELICAL INT.

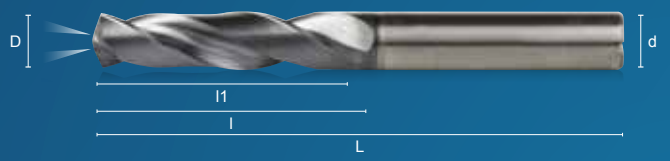
P M K N S H C

CODE	Price List	HT *	DC h10 mm	APMXS mm	OAL mm	DMM h6 mm	ZEFP
A4S4804060	~~35,53~~	22,00	4	20	60	4	4
A4S4805060	~~40,70~~	25,00	5	20	60	5	4
A4S4806065	~~43,45~~	27,00	6	24	65	6	4
A4S4808080	~~63,91~~	40,00	8	32	80	8	4
A4S4810080	~~81,51~~	50,00	10	32	80	10	4
A4S4812100	~~121,99~~	75,00	12	50	100	12	4
A4S4816120	~~241,53~~	131,00	16	60	120	16	4
A4S4820130	~~336,74~~	208,00	20	60	130	20	4

*** The cutters are also available with Weldon shank for the same price**

KERFOLG HD

DRILLS REINFORCED SHANK 3XD - COOLANT HOLES



SPECS: DIN 6537 | HM | 140° | DEVIL | HA HB | UNI

MATERIALS: P M K N S H C

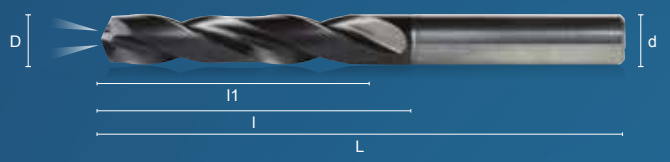
CODE	Price List	HT	D mm	d mm	l mm	L mm	l1 mm
A00203	55,70	35,00	3,00	6	20	62	14
A00203,1	55,70	35,00	3,10	6	20	62	14
A00203,2	55,70	35,00	3,20	6	20	62	14
A00203,3	55,70	35,00	3,30	6	20	62	14
A00203,4	55,70	35,00	3,40	6	20	62	14
A00203,5	55,70	35,00	3,50	6	20	62	14
A00203,7	55,70	35,00	3,70	6	20	62	14
A00203,8	55,70	35,00	3,80	6	24	66	17
A00203,9	55,70	35,00	3,90	6	24	66	17
A00204	58,13	37,00	4,00	6	24	66	17
A00204,1	60,07	37,00	4,10	6	24	66	17
A00204,2	58,13	37,00	4,20	6	24	66	17
A00204,3	60,07	37,00	4,30	6	24	66	17
A00204,4	60,07	37,00	4,40	6	24	66	17
A00204,5	58,13	37,00	4,50	6	24	66	17
A00204,6	60,07	37,00	4,60	6	24	66	17
A00204,7	60,07	37,00	4,70	6	24	66	17
A00204,8	58,13	37,00	4,80	6	24	66	20
A00204,9	60,07	37,00	4,90	6	24	66	20
A00205	58,13	37,00	5,00	6	28	66	20
A00205,1	58,13	37,00	5,10	6	28	66	20
A00205,2	58,13	37,00	5,20	6	28	66	20
A00205,3	58,13	37,00	5,30	6	28	66	20
A00205,5	58,13	37,00	5,50	6	28	66	20
A00205,6	60,07	37,00	5,60	6	28	66	20
A00205,7	86,38	53,00	5,70	6	28	66	20
A00205,8	60,07	37,00	5,80	6	28	66	20

CODE	Price List	HT	D mm	d mm	l mm	L mm	l1 mm
A00205,9	60,07	37,00	5,90	6	28	66	20
A00206	58,13	37,00	6,00	6	28	66	20
A00206,1	79,07	50,00	6,10	8	34	79	24
A00206,2	79,07	50,00	6,20	8	34	79	24
A00206,3	79,07	50,00	6,30	8	34	79	24
A00206,4	79,07	50,00	6,40	8	34	79	24
A00206,5	79,07	50,00	6,50	8	34	79	24
A00206,8	79,07	50,00	6,80	8	34	79	24
A00206,9	79,07	50,00	6,90	8	34	79	24
A00207	79,07	50,00	7,00	8	34	79	24
A00207,1	79,07	50,00	7,10	8	34	79	29
A00207,2	79,07	50,00	7,20	8	34	79	29
A00207,3	117,2	75,00	7,30	8	34	79	29
A00207,4	79,07	50,00	7,40	8	41	79	29
A00207,5	79,07	50,00	7,50	8	41	79	29
A00207,7	79,07	50,00	7,70	8	41	79	29
A00207,8	79,07	50,00	7,80	8	41	79	29
A00207,9	79,07	50,00	7,90	8	41	79	29
A00208	79,07	50,00	8,00	8	41	79	29
A00208,1	89,15	56,00	8,10	10	47	89	35
A00208,2	89,15	56,00	8,20	10	47	89	35
A00208,3	89,15	56,00	8,30	10	47	89	35
A00208,4	89,15	56,00	8,40	10	47	89	35
A00208,5	89,15	56,00	8,50	10	47	89	35
A00208,6	89,15	56,00	8,60	10	47	89	35
A00208,7	89,15	56,00	8,70	10	47	89	35
A00208,8	89,15	56,00	8,80	10	47	89	35

CODE	Price List	HT	D mm	d mm	l mm	L mm	l1 mm
A00209	89,15	56,00	9,00	10	47	89	35
A00209,2	87,42	55,00	9,20	10	47	89	35
A00209,3	89,15	56,00	9,30	10	47	89	35
A00209,5	89,15	56,00	9,50	10	47	89	35
A00209,7	132,58	84,00	9,70	10	47	89	35
A00209,8	89,15	56,00	9,80	10	47	89	35
A002010	89,15	56,00	10,00	10	47	89	35
A002010,2	127,34	79,00	10,20	12	55	102	40
A002010,5	127,34	79,00	10,50	12	55	102	40
A002010,8	127,34	79,00	10,80	12	55	102	40
A002011	127,34	79,00	11,00	12	55	102	40
A002011,2	127,34	79,00	11,20	12	55	102	40
A002011,5	127,34	79,00	11,50	12	55	102	40
A002011,8	127,34	79,00	11,80	12	55	102	40
A002012	127,34	79,00	12,00	12	55	102	40
A002012,2	265,16	168,00	12,20	14	60	107	43
A002012,5	166,17	110,00	12,50	14	60	107	43
A002012,8	166,17	110,00	12,80	14	60	107	43
A002013	166,17	110,00	13,00	14	60	107	43
A002013,5	166,17	110,00	13,50	14	60	107	43
A002013,8	166,17	110,00	13,80	14	60	107	43
A002014	166,17	110,00	14,00	14	60	107	43
A002014,5	187,34	130,00	14,50	14	60	107	43
A002015	187,34	130,00	15,00	16	65	115	45
A002015,5	187,34	130,00	15,50	16	65	115	45
A002016	187,34	130,00	16,00	16	65	115	45

KERFOLG HD

DRILLS REINFORCED SHANK 5XD - COOLANT HOLES



SPECS: DIN 6537 | HM | 140° | DEVIL | HA HB | UNI

MATERIALS: P M K N S H C

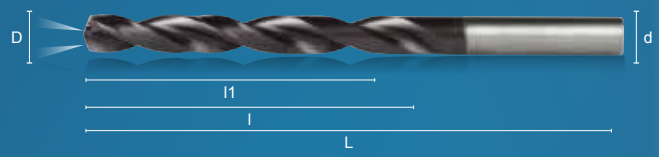
CODE	Price List	HT	D mm	d mm	l mm	L mm	l1 mm
A00401	64,70	41,00	1,00	4	7	45	6
A00401,1	64,70	41,00	1,10	4	7,5	45	6
A00401,2	64,70	41,00	1,20	4	8,5	45	7
A00401,3	64,70	41,00	1,30	4	9	45	7
A00401,4	64,70	41,00	1,40	4	10	45	8
A00401,5	64,70	41,00	1,50	4	10,5	50	8
A00401,6	64,70	41,00	1,60	4	11	50	9
A00401,7	64,70	41,00	1,70	4	12	50	9
A00401,8	64,70	41,00	1,80	4	12,5	50	10
A00401,85	90,70	57,00	1,85	4	12,5	50	10
A00401,9	64,70	41,00	1,90	4	13,5	50	10
A00402	64,70	41,00	2,00	4	14	55	11
A00402,1	64,70	41,00	2,10	4	14,5	55	12
A00402,2	64,70	41,00	2,20	4	15,5	55	12
A00402,3	64,70	41,00	2,30	4	16	55	13
A00402,4	64,70	41,00	2,40	4	17	55	13
A00402,5	64,70	41,00	2,50	4	17,5	55	14
A00402,6	64,70	41,00	2,60	4	18	55	14
A00402,7	64,70	41,00	2,70	4	19	55	15
A00402,8	64,70	41,00	2,80	4	19,5	55	15
A00402,9	64,70	41,00	2,90	4	20,5	55	16
A00403	74,66	47,00	3,00	6	28	66	23
A00403,1	74,66	47,00	3,10	6	28	66	23
A00403,2	74,66	47,00	3,20	6	28	66	23
A00403,3	74,66	47,00	3,30	6	28	66	23
A00403,4	74,66	47,00	3,40	6	28	66	23
A00403,5	74,66	47,00	3,50	6	28	66	23
A00403,6	74,66	47,00	3,60	6	28	66	23
A00403,7	74,66	47,00	3,70	6	28	66	23
A00403,8	74,66	47,00	3,80	6	36	74	29
A00403,9	74,66	47,00	3,90	6	36	74	29
A00404,0	80,33	50,00	4,00	6	36	74	29
A00404,1	80,33	50,00	4,10	6	36	74	29
A00404,2	80,33	50,00	4,20	6	36	74	29
A00404,3	80,33	50,00	4,30	6	36	74	29
A00404,4	80,33	50,00	4,40	6	36	74	29
A00404,5	80,33	50,00	4,50	6	36	74	29
A00404,6	80,33	50,00	4,60	6	36	74	29
A00404,7	80,33	50,00	4,70	6	36	74	29
A00404,8	80,33	50,00	4,80	6	44	82	35
A00404,9	80,33	50,00	4,90	6	44	82	35
A00405	80,33	50,00	5,00	6	44	82	35

CODE	Price List	HT	D mm	d mm	l mm	L mm	l1 mm
A00405,1	80,33	50,00	5,10	6	44	82	35
A00405,2	80,33	50,00	5,20	6	44	82	35
A00405,3	80,33	50,00	5,30	6	44	82	35
A00405,4	80,33	50,00	5,40	6	44	82	35
A00405,5	80,33	50,00	5,50	6	44	82	35
A00405,6	80,33	50,00	5,60	6	44	82	35
A00405,7	80,33	50,00	5,70	6	44	82	35
A00405,8	80,33	50,00	5,80	6	44	82	35
A00405,9	80,33	50,00	5,90	6	44	82	35
A00406	80,33	50,00	6,00	6	53	82	35
A00406,1	88,24	55,00	6,10	8	53	82	43
A00406,2	88,24	55,00	6,20	8	53	82	43
A00406,3	88,24	55,00	6,30	8	53	82	43
A00406,4	88,24	55,00	6,40	8	53	82	43
A00406,5	88,24	55,00	6,50	8	53	91	43
A00406,6	88,24	55,00	6,60	8	53	91	43
A00406,7	88,24	55,00	6,70	8	53	91	43
A00406,8	88,24	55,00	6,80	8	53	91	43
A00406,9	88,24	55,00	6,90	8	53	91	43
A00407	88,24	55,00	7,00	8	53	91	43
A00407,1	88,24	55,00	7,10	8	53	91	43
A00407,2	88,24	55,00	7,20	8	53	91	43
A00407,3	88,24	55,00	7,30	8	53	91	43
A00407,4	88,24	55,00	7,40	8	53	91	43
A00407,5	88,24	55,00	7,50	8	53	91	43
A00407,6	88,24	55,00	7,60	8	53	91	43
A00407,7	88,24	55,00	7,70	8	53	91	43
A00407,8	88,24	55,00	7,80	8	53	91	43
A00407,9	88,24	55,00	7,90	8	53	91	43
A00408	88,24	55,00	8,00	8	53	91	43
A00408,1	102,25	64,00	8,10	10	61	91	49
A00408,2	102,25	64,00	8,20	10	61	91	49
A00408,3	102,25	64,00	8,30	10	61	91	49
A00408,4	102,25	64,00	8,40	10	61	91	49
A00408,5	102,25	64,00	8,50	10	61	103	49
A00408,6	102,25	64,00	8,60	10	61	103	49
A00408,7	102,25	64,00	8,70	10	61	103	49
A00408,8	102,25	64,00	8,80	10	61	103	49
A00408,9	102,25	64,00	8,90	10	61	103	49
A00409	102,25	64,00	9,00	10	61	103	49
A00409,1	102,25	64,00	9,10	10	61	103	49
A00409,2	102,25	64,00	9,20	10	61	103	49

CODE	Price List	HT	D mm	d mm	l mm	L mm	l1 mm
A00409,3	102,25	64,00	9,30	10	61	103	49
A00409,4	102,25	64,00	9,40	10	61	103	49
A00409,5	102,25	64,00	9,50	10	61	103	49
A00409,6	102,25	64,00	9,60	10	61	103	49
A00409,7	102,25	64,00	9,70	10	61	103	49
A00409,8	102,25	64,00	9,80	10	61	103	49
A00409,9	102,25	64,00	9,90	10	61	103	49
A004010	102,25	64,00	10,00	10	61	103	49
A004010,2	148,67	93,00	10,20	12	71	118	56
A004010,3	148,67	93,00	10,30	12	71	118	56
A004010,4	148,67	93,00	10,40	12	71	118	56
A004010,5	148,67	93,00	10,50	12	71	118	56
A004011	148,67	93,00	11,00	12	71	118	56
A004011,2	148,67	93,00	11,20	12	71	118	56
A004011,3	148,67	93,00	11,30	12	71	118	56
A004011,4	148,67	93,00	11,40	12	71	118	56
A004011,5	148,67	93,00	11,50	12	71	118	56
A004011,8	148,67	93,00	11,80	12	71	118	56
A004012	148,67	93,00	12,00	12	71	118	56
A004012,2	199,87	124,00	12,20	14	77	124	60
A004012,5	199,87	124,00	12,50	14	77	124	60
A004012,8	199,87	124,00	12,80	14	77	124	60
A004012,9	280,59	170,00	12,90	14	77	124	60
A004013	199,87	124,00	13,00	14	77	124	60
A004013,1	199,87	124,00	13,10	14	77	124	60
A004013,3	186,48	124,00	13,30	14	77	124	60
A004013,5	199,87	124,00	13,50	14	77	124	60
A004014	199,87	124,00	14,00	14	77	124	60
A004014,5	226,67	141,00	14,50	16	83	133	63
A004014,8	211,66	138,00	14,80	16	83	133	63
A004015	230,67	145,00	15,00	16	83	133	63
A004015,1	230,67	145,00	15,10	16	83	133	63
A004015,3	230,67	145,00	15,30	16	83	133	63
A004015,5	230,67	145,00	15,50	16	83	133	63
A004016	230,67	145,00	16,00	16	83	133	63
A004016,5	343,15	220,00	16,50	18	93	143	71
A004017	368,52	230,00	17,00	18	93	143	71
A004017,5	368,52	230,00	17,50	18	93	143	71
A004018	355,79	225,00	18,00	18	93	143	71
A004018,5	387,79	250,00	18,50	20	101	153	77
A004019	387,79	250,00	19,00	20	101	153	77
A004020	387,79	250,00	20,00	20	101	153	77

KERFOLG HD

DRILLS REINFORCED SHANK 7XD - COOLANT HOLES



SPECS: DIN 6537 | HM | 135° | DEVIL | HA HB | UNI

MATERIALS: P | M | K | N | S | H | C

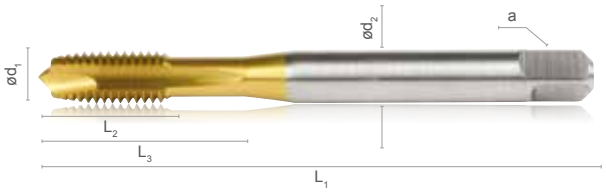
CODE	Price List	HT	D mm	d mm	l mm	L mm	l1 mm
A00504	~~138,00~~	88,00	4,00	6	43	81	36
A00504,1	~~138,00~~	88,00	4,10	6	43	81	36
A00504,2	~~138,00~~	88,00	4,20	6	43	81	36
A00504,3	~~138,00~~	88,00	4,30	6	43	81	36
A00504,5	~~138,00~~	88,00	4,50	6	43	81	36
A00504,6	~~138,00~~	88,00	4,60	6	43	81	36
A00504,7	~~138,00~~	88,00	4,70	6	43	81	36
A00504,8	~~138,00~~	88,00	4,80	6	57	95	48
A00504,9	~~138,00~~	88,00	4,90	6	57	95	48
A00505	~~138,00~~	88,00	5,00	6	57	95	48
A00505,1	~~138,00~~	88,00	5,10	6	57	95	48
A00505,2	~~138,00~~	88,00	5,20	6	57	95	48
A00505,3	~~138,00~~	88,00	5,30	6	57	95	48
A00505,5	~~138,00~~	88,00	5,50	6	57	95	48
A00505,8	~~138,00~~	88,00	5,80	6	57	95	48
A00505,9	~~138,00~~	88,00	5,90	6	57	95	48
A00506	~~138,00~~	88,00	6,00	6	57	95	48
A00506,1	~~171,86~~	110,00	6,10	8	76	114	64
A00506,2	~~171,86~~	110,00	6,20	8	76	114	64
A00506,3	~~171,86~~	110,00	6,30	8	76	114	64
A00506,5	~~171,86~~	110,00	6,50	8	76	114	64
A00506,6	~~171,86~~	110,00	6,60	8	76	114	64
A00506,7	~~171,86~~	110,00	6,70	8	76	114	64
A00506,8	~~171,86~~	110,00	6,80	8	76	114	64
A00507	~~171,86~~	110,00	7,00	8	76	114	64
A00507,4	~~171,86~~	110,00	7,40	8	76	114	64
A00507,5	~~171,86~~	110,00	7,50	8	76	114	64
A00507,7	~~171,86~~	110,00	7,70	8	76	114	64
A00507,8	~~171,86~~	110,00	7,80	8	76	114	64
A00508	~~171,86~~	110,00	8,00	8	76	114	64
A00508,5	~~210,74~~	135,00	8,50	10	95	142	80
A00509	~~210,74~~	135,00	9,00	10	95	142	80
A00509,1	~~210,74~~	135,00	9,10	10	95	142	80
A00509,5	~~210,74~~	135,00	9,50	10	95	142	80
A005010	~~210,74~~	135,00	10,00	10	95	142	80
A005010,5	~~289,70~~	190,00	10,50	12	114	162	96
A005011	~~289,70~~	190,00	11,00	12	114	162	96
A005011,5	~~289,70~~	190,00	11,50	12	114	162	96
A005012	~~289,70~~	190,00	12,00	12	114	162	96
A005012,5	~~433,76~~	275,00	12,50	14	133	178	112
A005013	~~433,76~~	275,00	13,00	14	133	178	112
A005013,5	~~433,76~~	275,00	13,50	14	133	178	112
A005014	~~433,76~~	275,00	14,00	14	133	178	112
A005014,5	~~574,77~~	360,00	14,50	16	152	203	128
A005015	~~574,77~~	360,00	15,00	16	152	203	128
A005015,5	~~574,77~~	360,00	15,50	16	152	203	128
A005016	~~574,77~~	360,00	16,00	16	152	203	128

NET PRICES VALID UNTIL 31.01.24 (VAT EXCLUDED)

KERFOLG

TAPS
STANDARD - M

A2130

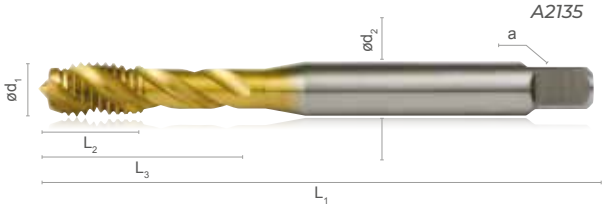


DIN13	TOLERANCE	MATERIAL	SHANK	HOLE TYPE	COATING
M	ISO 2 6H	HSSE	DIN 371 DIN 376		TiN

TOOL TYPE	CHAMFER	FLUTES	GEOMETRY	DEPTH	ROTATION
Cutting	B 4/5	Straight	Spiral pointed	< 2.5xD	RH

P M K N S H C

A2135



DIN13	TOLERANCE	MATERIAL	SHANK	HOLE TYPE	COATING
M	ISO 2 6H	HSSE	DIN 371 DIN 376		TiN

TOOL TYPE	CHAMFER	FLUTES	GEOMETRY	REAR	DEPTH	ROTATION
Cutting	C 2/3	Helical 40°	Spiral flutes	Back tapering	< 2.5xD	RH

P M K N S H C

	CODE	Price List	HT	d1 mm	P mm	L1 mm	L2 mm	L3 mm	d2 h9 mm	a h12 mm	Z	mm
DIN371	A2130M2	~~35,88~~	22,00	M2	0,4	45	7	11	2,8	2,1	2	1,6
	A2130M2,5	~~31,31~~	19,00	M2,5	0,45	50	9	15	2,8	2,1	3	2,05
	A2130M3	~~28,41~~	17,00	M3	0,5	56	10	18	3,5	2,7	3	2,5
	A2130M4	~~28,41~~	17,00	M4	0,7	63	12	21	4,5	3,4	3	3,3
	A2130M5	~~28,41~~	17,00	M5	0,8	70	14	24,5	6	4,9	3	4,2
	A2130M6	~~28,41~~	17,00	M6	1	80	16	29	6	4,9	3	5
	A2130M8	~~35,21~~	22,00	M8	1,25	90	18	33	8	6,2	3	6,8
	A2130M10	~~41,68~~	25,00	M10	1,5	00	20	36	10	8	3	8,5
DIN376	A2130M12	~~51,26~~	31,00	M12	1,75	110	24	-	9	7	4	10,2
	A2130M14	~~67,07~~	41,00	M14	2	110	25	-	11	9	4	12
	A2130M16	~~75,43~~	46,00	M16	2	110	28	-	12	9	4	14
	A2130M18	~~93,37~~	57,00	M18	2,5	125	32	-	14	11	4	15,5
	A2130M20	~~126,13~~	78,00	M20	2,5	140	32	-	16	12	4	17,5
	A2130M22	~~126,68~~	79,00	M22	2,5	140	32	-	18	14,5	4	19,5
	A2130M24	~~187,08~~	115,00	M24	3	160	36	-	18	14,5	4	21
	A2130M27	~~226,52~~	140,00	M27	3	160	36	-	20	16	4	24
	A2130M30	~~266,64~~	165,00	M30	3,5	180	40	-	22	20	4	26,5
DIN371	A2135M2	~~33,10~~	20,00	M2	0,4	45	6	12	2,8	2,1	3	1,6
	A2135M2,5	~~33,10~~	20,00	M2,5	0,45	50	6,5	15	2,8	2,1	3	2,05
	A2135M3	~~30,64~~	19,00	M3	0,5	56	7	15	3,5	2,7	3	2,5
	A2135M4	~~30,64~~	19,00	M4	0,7	63	8,5	21	4,5	3,4	3	3,3
	A2135M5	~~30,64~~	19,00	M5	0,8	70	10	24,5	6	4,9	3	4,2
	A2135M6	~~30,64~~	19,00	M6	1	80	12	29	6	4,9	3	5
	A2135M8	~~37,44~~	23,00	M8	1,25	90	15	33	8	6,2	3	6,8
	A2135M10	~~44,57~~	27,00	M10	1,5	100	17,5	38	10	8	3	8,5
DIN376	A2135M12	~~55,38~~	34,00	M12	1,75	110	18	-	9	7	4	10,2
	A2135M14	~~71,98~~	44,00	M14	2	110	20,5	-	11	9	4	12
	A2135M16	~~81,01~~	50,00	M16	2	110	20,5	-	12	9	4	14
	A2135M18	~~101,28~~	62,00	M18	2,5	125	25,5	-	14	11	4	15,5
	A2135M20	~~133,93~~	83,00	M20	2,5	140	29,5	-	16	12	4	17,5
	A2135M22	~~150,53~~	93,00	M22	2,5	140	29,5	-	18	14,5	4	19,5
	A2135M24	~~196,78~~	122,00	M24	3	160	35,5	-	18	14,5	4	21
	A2135M27	~~239,34~~	148,00	M27	3	160	37,5	-	20	16	4	24
	A2135M30	~~283,36~~	175,00	M30	3,5	180	42	-	22	18	4	26,5

NET PRICES VALID UNTIL 31.01.24 (VAT EXCLUDED)

KERFOLG

TAPS
UNIVERSAL - M

A2102

DIN13	TOLERANCE	MATERIAL	SHANK	HOLE TYPE	COATING
M	ISO 2 6H	HSSE	DIN 2174 (371-376)		NIT+VAP

TOOL TYPE	CHAMFER	FLUTES	GEOMETRY	DEPTH	ROTATION
Cutting	B 4/5	Straight	Spiral pointed	< 2xD	RH

P M K N S H C

A2103

DIN13	TOLERANCE	MATERIAL	SHANK	HOLE TYPE	COATING
M	ISO 2 6H	HSSE	DIN 371 DIN 376		NIT+VAP

TOOL TYPE	CHAMFER	FLUTES	GEOMETRY	DEPTH	ROTATION
Cutting	C 2/3	Helical 40°	Spiral flutes	< 2,5xD	RH

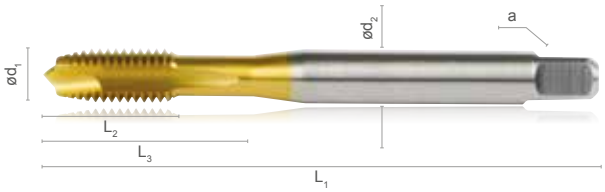
P M K N S H C

	CODE	Price List	HT	d1 mm	P mm	L1 mm	L2 mm	L3 mm	d2 h9 mm	a h12 mm	Z	mm
DIN371	A2102M02	~~34,94~~	22,00	M2	0,4	45	7	12	2,8	2,1	2	1,6
	A2102M02,5	~~33,79~~	21,00	M2,5	0,45	50	9	14	2,8	2,1	3	2,05
	A2102M03	~~25,80~~	16,00	M3	0,5	56	11	18	3,5	2,7	3	2,5
	A2102M04	~~26,19~~	16,00	M4	0,7	63	13	21	4,5	3,4	3	3,3
	A2102M05	~~26,71~~	17,00	M5	0,8	70	15	25	6	4,9	3	4,2
	A2102M06	~~26,69~~	17,00	M6	1	80	17	30	6	4,9	3	5
	A2102M08	~~30,05~~	18,00	M8	1,25	90	20	35	8	6,2	3	6,8
	A2102M10	~~36,63~~	23,00	M10	1,5	100	22	39	10	8	3	8,5
DIN376	A2102M12	~~46,55~~	29,00	M12	1,75	110	24	-	9	7	4	10,2
	A2102M14	~~71,07~~	44,00	M14	2	110	26	-	11	9	4	12
	A2102M16	~~68,48~~	42,00	M16	2	110	27	-	12	9	4	14
	A2102M18	~~115,17~~	71,00	M18	2,5	125	30	-	14	11	4	15,5
	A2102M20	~~104,33~~	65,00	M20	2,5	140	32	-	16	12	4	17,5
	A2102M22	~~173,32~~	107,00	M22	2,5	140	32	-	18	14,5	4	19,5
	A2102M24	~~143,55~~	89,00	M24	3	160	34	-	18	14,5	4	21
	A2102M27	~~197,99~~	122,00	M27	3	160	36	-	20	16	4	24
	A2102M30	~~229,57~~	142,00	M30	3,5	180	40	-	22	18	4	26,5
DIN371	A2103M02	~~34,94~~	22,00	M2	0,4	45	4	12	2,8	2,1	3	1,6
	A2103M02,5	~~35,58~~	22,00	M2,5	0,45	50	5	14	2,8	2,1	3	2,05
	A2103M03	~~26,70~~	16,00	M3	0,5	56	6	18	3,5	2,7	3	2,5
	A2103M04	~~27,73~~	17,00	M4	0,7	63	7	21	4,5	3,4	3	3,3
	A2103M05	~~28,23~~	17,00	M5	0,8	70	8	25	6	4,9	3	4,2
	A2103M06	~~29,13~~	18,00	M6	1	80	10	30	6	4,9	3	5
	A2103M08	~~34,16~~	21,00	M8	1,25	90	14	35	8	6,2	3	6,8
	A2103M10	~~41,39~~	26,00	M10	1,5	100	16	39	10	8	3	8,5
DIN376	A2103M12	~~50,93~~	31,00	M12	1,75	110	18	-	9	7	4	10,2
	A2103M14	~~77,24~~	48,00	M14	2	110	20	-	11	9	4	12
	A2103M16	~~72,64~~	45,00	M16	2	110	22	-	12	9	4	14
	A2103M18	~~125,34~~	77,00	M18	2,5	125	25	-	14	11	4	15,5
	A2103M20	~~110,92~~	69,00	M20	2,5	140	25	-	16	12	4	17,5
	A2103M22	~~173,32~~	107,00	M22	2,5	140	27	-	18	14,5	4	19,5
	A2103M24	~~148,97~~	92,00	M24	3	160	30	-	18	14,5	4	21
	A2103M27	~~207,63~~	128,00	M27	3	160	30	-	20	16	5	24
	A2103M30	~~250,21~~	155,00	M30	3,5	180	35	-	22	18	5	26,5

KERFOLG

TAPS
POWER - M

A2230

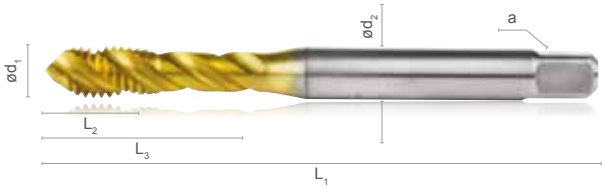


DIN13	TOLERANCE	MATERIAL	SHANK	HOLE TYPE	COATING
M	ISO 2 6H	HSSE	DIN 371 DIN 376		TiN

TOOL TYPE	CHAMFER	FLUTES	GEOMETRY	DEPTH	ROTATION
Cutting	B 4/5	Straight	Spiral pointed	< 2,5xD	RH

P M K N S H C

A2235



DIN13	TOLERANCE	MATERIAL	SHANK	HOLE TYPE	COATING
M	ISO 2 6H	HSSE	DIN 371 DIN 376		TiN

TOOL TYPE	CHAMFER	FLUTES	GEOMETRY	DEPTH	ROTATION
Cutting	C 2/3	Helical 40°	Spiral flutes	< 2,5xD	RH

P M K N S H C

	CODE	Price List	HT	d1 mm	P mm	L1 mm	L2 mm	L3 mm	d2 h9 mm	a h12 mm	Z	mm
DIN371	A2230M2	~~32,32~~	20,00	M2	0,4	45	7	11	2,8	2,1	2	1,6
	A2230M3	~~31,31~~	19,00	M3	0,5	56	10	18	3,5	2,7	3	2,5
	A2230M4	~~31,31~~	19,00	M4	0,7	63	12	21	4,5	3,4	3	3,3
	A2230M5	~~31,31~~	19,00	M5	0,8	70	14	24,5	6	4,9	3	4,2
	A2230M6	~~31,31~~	19,00	M6	1	80	16	29	6	4,9	3	5
	A2230M8	~~38,33~~	23,00	M8	1,25	90	18	33	8	6,2	3	6,8
	A2230M10	~~46,02~~	28,00	M10	1,5	100	20	36	10	8	3	8,5
DIN376	A2230M12	~~57,94~~	35,00	M12	1,75	110	24	-	9	7	3	10,2
	A2230M14	~~73,01~~	45,00	M14	2	110	25	-	11	9	4	12
	A2230M16	~~85,13~~	52,00	M16	2	110	28	-	12	9	4	14
	A2230M20	~~142,63~~	88,00	M20	2,5	140	32	-	16	12	4	17,5
DIN371	A2235M2	~~37,00~~	22,00	M2	0,4	45	6	12	2,8	2,1	3	1,6
	A2235M2,5	~~37,00~~	22,00	M2,5	0,45	50	6,5	15	2,8	2,1	3	2,05
	A2235M3	~~33,42~~	21,00	M3	0,5	56	7	15	3,5	2,7	3	2,5
	A2235M4	~~33,42~~	21,00	M4	0,7	63	8,5	21	4,5	3,4	3	3,3
	A2235M5	~~33,42~~	21,00	M5	0,8	70	10	24,5	6	4,9	3	4,2
	A2235M6	~~33,42~~	21,00	M6	1	80	12	29	6	4,9	3	5
	A2235M8	~~41,23~~	25,00	M8	1,25	90	15	33	8	6,2	3	6,8
	A2235M10	~~48,92~~	30,00	M10	1,5	100	17,5	38	10	8	3	8,5
DIN376	A2235M12	~~62,62~~	38,00	M12	1,75	110	18	-	9	7	4	10,2
	A2235M14	~~80,42~~	50,00	M14	2	110	20,5	-	11	9	4	12
	A2235M16	~~91,48~~	56,00	M16	2	110	20,5	-	12	9	4	14
	A2235M20	~~151,19~~	93,00	M20	2,5	140	29,5	-	16	12	4	17,5

KERFOLG Turn

KIT TOOLHOLDERS + TURNING POSITIVE INSERT

Buy 1 toolholders kit

50% 20 inserts

HSS TOOLHOLDERS

AH 0608 H
AH 0810 J
AH 1012 K
AH 1216M

1277885

4 x TOOLHOLDERS
AH-SCLCR HSS

1277891

4 x TOOLHOLDERS
AH-SCLCL HSS

€ 355,00
KIT R/L

TURNING POSITIVE INSERTS SHAPE C

		Description	Grade	Code	HT	P	M	K	N	S	H
FINISHING	FFP	CCMT 060204-FFP	1010	B1C54CCFFP05	7,70	●	●	●			
	CFP	CCMT 060202-CFP	4125	B1C55CCCFP10	7,04	●	○				
	CFP	CCMT 060204-CFP	4115	B1C55CCCFP14	7,47	●	○				
	CFP	CCMT 060204-CFP	4125	B1C55CCCFP11	7,04	●	○				
MEDIUM CUTTING	CMP	CCMT 060204-CMP	4115	B1C56CCCMP10	7,04	●	○				
	CMP	CCMT 060204-CMP	4125	B1C56CCCMP11	7,04	●	○				
	CMP	CCMT 060204-CMP	4135	B1C56CCCMP23	7,47	●	○				
	CMP	CCMT 060208-CMP	4115	B1C56CCCMP18	7,47	●	○				
	CMP	CCMT 060208-CMP	4125	B1C56CCCMP20	7,47	●	○				
	CMP	CCMT 060208-CMP	4135	B1C56CCCMP24	7,47	●	○				
	SMP	CCMT 060204-SMP	2125	B1C57CCSMP10	7,04	○	●				
	SMP	CCMT 060208-SMP	2125	B1C57CCSMP12	7,47	○	●				

HSS TOOLHOLDERS

AH 0810 H
AH 1012 K
AH 1216 M

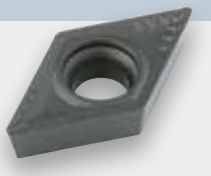
982207

3 x TOOLHOLDERS
AH-SDUCR HSS

1277886

3 x TOOLHOLDERS
AH-SDUCL HSS

€ 315,00
KIT R/L



TURNING POSITIVE INSERTS SHAPE D

		Description	Grade	Code	HT	P	M	K	N	S	H
FINISHING	FFP	DCMT 070204-FFP	1010	B1D55DCFFP05	7,70	●	●	●			
	CFP	DCMT 070202-CFP	4125	B1D56DCCFP10	6,91	●	○				
	CFP	DCMT 070204-CFP	4115	B1D56DCCFP14	7,34	●	○				
	CFP	DCMT 070204-CFP	4125	B1D56DCCFP11	6,91	●	○				
MEDIUM CUTTING	CMP	DCMT 070204-CMP	4125	B1D57DCCMP10	6,91	●	○				
	CMP	DCMT 070204-CMP	4135	B1D57DCCMP11	6,91	●	○				
	CMP	DCMT 070208-CMP	4125	B1D57DCCMP18	7,34	●	○				
	CMP	DCMT 070208-CMP	4135	B1D57DCCMP19	7,34	●	○				
	SMP	DCMT 070204-SMP	2125	B1D58DCSMP10	6,91	○	●				
	SMP	DCMT 070208-SMP	2125	B1D58DCSMP13	7,34	○	●				

NET PRICES VALID UNTIL 31.01.24 (VAT EXCLUDED)

SWISS TOOLS

MODULAR BORING KIT
WITH EASY READ DIGITAL DISPLAY Ø 9.75 - 88.1

swiss MBM

€ 2.050 ,00

B9B25KIT

THE MBM55 MODULAR KIT INCLUDES

Description	KIT 521.000.088
266.550.045	MBM-55 digital micrometer head
266.028.077	Easy read digital display
272.010.006	Bore Ø 9.75 – 15.1 mm
272.015.006	Bore Ø 14.75 – 20.1 mm
272.020.006	Bore Ø 19.75 – 25.1 mm
272.025.006	Bore Ø 24.75 – 30.1 mm
271.030.048	Bore Ø 29.75 – 48.1 mm
253.030.006	Bore insert holder Ø 29.75 – 48.1 mm
271.048.088	Bore Ø 47.75 – 88.1
253.048.006	Bore insert holder Ø 47.75 – 88.1 mm
	Hexagonal wrench no. 4
	Hexagonal wrench no. 5
	Torx T7 wrench

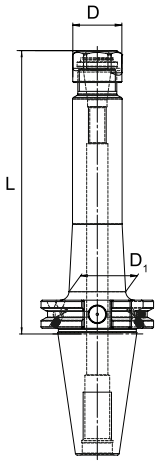
The MBM-55 modular system must be coupled with a basic machine chuck interface attachment.

BASE COUPLINGS

CODE	HT	Description		Base coupling
B9B100555	340,00	102.050.551	DIN 69893	HSK - A50
B9B100655	312,00	102.063.551	DIN 69893	HSK - A63
B9B100855	335,00	102.080.551	DIN 69893	HSK - A80
B9B101055	338,00	102.100.551	DIN 69893	HSK - A100
B9B113255	273,00	102.315.551	DIN 69871 A/D	ISO - 30
B9B150455	225,00	102.415.551	DIN 69871 A/D	ISO - 40
B9B115155	265,00	102.515.551	DIN 69871 A/D	ISO - 50
B9B050655	337,00	102.163.551	ISO 26623-1	PSC - 63
B9B113155	273,00	102.312.551	MAS - BT «A/D»	BT - 30
B9B200455	225,00	102.412.551	MAS - BT «A/D»	BT - 40
B9B125155	262,00	102.512.551	MAS - BT «A/D»	BT - 50

Other base couplings are available on request.

DIN69871 SK AD+B



SK 40

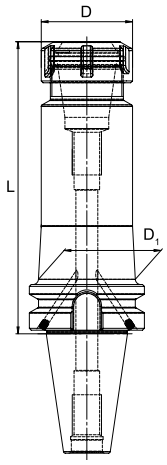
SK 50

G 2.5 25.000 rpm

AT3 TAPER

CODE	Price List	HT	SK	ER	D mm	D1 mm	L mm	Ring nut
C0016416063	~~50,50~~	43,00	40	16	28	-	63	ER16
C0016416100	~~59,00~~	50,00	40	16	28	-	100	ER16
C0016416130	~~78,00~~	66,00	40	16	28	-	130	ER16
C0016416160	~~96,50~~	82,00	40	16	28	32	160	ER16
C0016425060	~~50,50~~	43,00	40	25	42	-	60	ER25
C0016425100	~~65,50~~	56,00	40	25	42	-	100	ER25
C0016425130	~~80,50~~	68,00	40	25	42	-	130	ER25
C0016425160	~~98,50~~	84,00	40	25	42	46	160	ER25
C0016432070	~~54,00~~	46,00	40	32	50	-	70	ER32
C0016432100	~~65,50~~	56,00	40	32	50	-	100	ER32
C0016432130	~~81,50~~	69,00	40	32	50	-	130	ER32
C0016432160	~~101,50~~	86,00	40	32	50	-	160	ER32
C0016440080	~~58,00~~	49,00	40	40	63	-	80	ER40
C0016440100	~~72,50~~	61,00	40	40	63	-	100	ER40
C0016440130	~~84,50~~	72,00	40	40	63	-	130	ER40
C0016440160	~~108,00~~	92,00	40	40	63	-	160	ER40
C0016525060	~~80,50~~	68,00	50	25	42	-	60	ER25
C0016525100	~~98,50~~	84,00	50	25	42	-	100	ER25
C0016525160	~~133,00~~	113,00	50	25	42	-	160	ER25
C0016532070	~~84,00~~	71,00	50	32	50	-	70	ER32
C0016532100	~~116,50~~	99,00	50	32	50	-	100	ER32
C0016532160	~~133,00~~	113,00	50	32	50	-	160	ER32
C0016540080	~~84,50~~	81,00	50	40	63	-	80	ER40
C0016540100	~~119,50~~	102,00	50	40	63	-	100	ER40
C0016540160	~~136,00~~	116,00	50	40	63	-	160	ER40

MAS 403 BT AD+B



BT 40

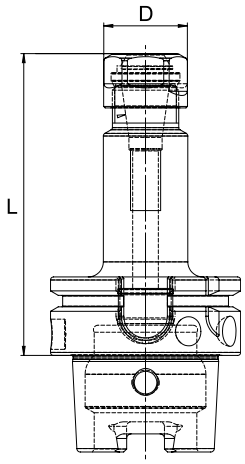
BT 50

G 2.5 25.000 rpm

AT3 TAPER

CODE	Price List	HT	BT	ER	D mm	D1 mm	L mm	Ring nut
C1016416063	~~50,50~~	43,00	40	16	28	-	63	ER16
C1016416100	~~59,00~~	50,00	40	16	28	-	100	ER16
C1016416130	~~81,00~~	69,00	40	16	28	-	130	ER16
C1016425060	~~50,50~~	43,00	40	25	42	-	66	ER25
C1016425100	~~72,00~~	61,00	40	25	42	-	100	ER25
C1016425130	~~94,00~~	80,00	40	25	42	-	130	ER25
C1016432070	~~54,00~~	46,00	40	32	50	-	70	ER32
C1016432100	~~65,50~~	56,00	40	32	50	-	100	ER32
C1016132130	~~98,00~~	83,00	40	32	50	-	130	ER32
C1016432160	~~107,00~~	91,00	40	32	50	53,5	160	ER32
C1016440080	~~58,00~~	49,00	40	40	63	-	80	ER40
C1016440100	~~72,50~~	62,00	40	40	63	-	100	ER40
C1016516070	~~87,50~~	74,00	50	16	28	-	70	ER16
C1016516100	~~107,00~~	91,00	50	16	28	-	100	ER16
C1016525070	~~87,00~~	74,00	50	25	42	-	70	ER25
C1016525100	~~108,00~~	92,00	50	25	42	-	100	ER25
C1016532070	~~90,00~~	76,00	50	32	50	-	70	ER32
C1016532100	~~125,00~~	106,00	50	32	50	-	100	ER32

DIN 69893 HSK A



HSK 63

HSK 100

G 2.5 25.000 rpm

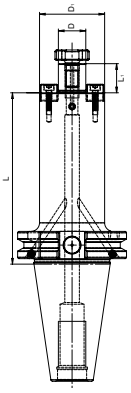
CODE	Price List	HT	HSK	ER	D mm	L mm	Ring nut
C2016616100	~~92,00~~	78,00	63	16	28	100	GER16
C2016625100	~~89,00~~	76,00	63	25	42	100	GER25
C2016632100	~~92,00~~	78,00	63	32	50	100	GER32
C2016632160	~~122,00~~	104,00	63	32	50	160	GER32
C2016125100	~~124,00~~	106,00	100	25	42	100	GER25
C2016132100	~~124,00~~	106,00	100	32	50	100	GER32
C2016140120	~~129,00~~	110,00	100	40	63	120	GER40

NET PRICES VALID UNTIL 31.01.24 (VAT EXCLUDED)

DIN 69871 SK AD+B

CODE	Price List	HT	SK	D mm	L mm	L1 mm	D1 mm
C0084416035	~~54,50~~	46,00	40	16	35	17	38
C0084416100	~~63,00~~	53,00	40	16	100	17	38
C0084422035	~~54,50~~	46,00	40	22	35	19	48
C0084422100	~~66,00~~	56,00	40	22	100	19	48
C0084427045	~~55,50~~	47,00	40	27	45	21	60
C0084427100	~~67,50~~	57,00	40	27	100	21	60
C0084432050	~~59,50~~	50,00	40	32	50	24	78
C0084432100	~~71,00~~	60,00	40	32	100	24	78
C0084440050	~~72,00~~	61,00	40	40	50	27	88
C0085516035	~~85,50~~	73,00	50	16	35	17	38
C0085516100	~~92,00~~	78,00	50	16	100	17	38
C0085522035	~~72,50~~	62,00	50	22	35	19	48
C0085522100	~~88,50~~	75,00	50	22	100	19	48
C0085527040	~~72,50~~	62,00	50	27	40	21	60
C0085527100	~~88,50~~	75,00	50	27	100	21	60
C0085532050	~~76,50~~	65,00	50	32	50	24	78
C0085532100	~~94,00~~	80,00	50	32	100	24	78
C0085540050	~~88,50~~	75,00	50	40	50	27	88
C0085540100	~~103,50~~	88,00	50	40	100	27	88

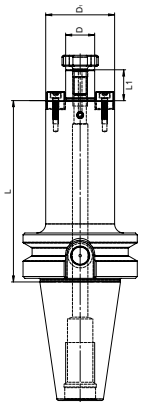
SK 40
SK 50
G 2.5 25.000 rpm
AT3 TAPER



MAS 403 BT AD

CODE	Price List	HT	BT	D mm	L mm	L1 mm	D1 mm
C1083416040	~~48,50~~	41,00	40	16	40	17	38
C1083416100	~~51,50~~	44,00	40	16	100	17	38
C1083422040	~~49,00~~	41,00	40	22	40	19	48
C1083422100	~~51,00~~	43,00	40	22	100	19	48
C1083427040	~~49,00~~	41,00	40	27	40	21	60
C1083427100	~~54,50~~	46,00	40	27	100	21	60
C1083432050	~~52,00~~	44,00	40	32	50	24	78
C1083432100	~~63,00~~	53,00	40	32	100	24	78
C1083440050	~~63,50~~	54,00	40	40	50	27	88
C1084516100	~~80,00~~	68,00	50	16	100	17	38
C1084522055	~~70,00~~	59,00	50	22	55	19	48
C1084527055	~~70,00~~	59,00	50	27	55	21	60
C1084532055	~~74,50~~	63,00	50	32	55	24	78
C1084540055	~~85,50~~	73,00	50	40	55	27	88

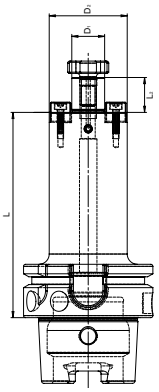
BT 40
BT 50
G 2.5 25.000 rpm
AT3 TAPER



DIN 69893 HSK A

CODE	Price List	HT	HSK	D1 mm	L mm	L1 mm	D2 mm
C2082616050	~~117,50~~	100,00	63	16	50	17	38
C2082616100	~~139,50~~	119,00	63	16	100	17	38
C2082622050	~~117,50~~	100,00	63	22	50	19	48
C2082622100	~~139,50~~	119,00	63	22	100	19	48
C2082627060	~~126,50~~	108,00	63	27	60	21	60
C2082627100	~~148,50~~	126,00	63	27	100	21	60
C2082632060	~~130,50~~	111,00	63	32	60	24	78
C2082632100	~~153,50~~	131,00	63	32	100	24	78
C2082640060	~~146,50~~	125,00	63	40	60	27	88
C2082640100	~~152,50~~	130,00	63	40	100	27	88

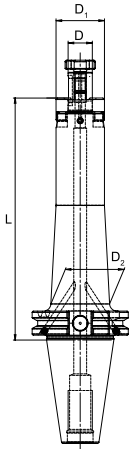
HSK 63
G 2.5 25.000 rpm



EROGLU Präzisionswerkzeuge

COMBI-DRIVE SHELL MILL HOLDER CHUCKS

DIN69871 SK AD+B



SK 40

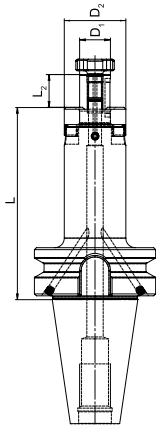
SK 50

G 2.5 25.000 rpm

AT3 TAPER

CODE	Price List	HT	SK	D mm	L mm	L1 mm	D1 mm	D2 mm
C0096416055	~~57,00~~	48,00	40	16	55	17	32	-
C0096416100	~~72,00~~	61,00	40	16	100	17	32	-
C0096416160	~~116,50~~	99,00	40	16	160	17	32	39
C0096422055	~~59,50~~	50,00	40	22	55	19	40	-
C0096422100	~~73,00~~	62,00	40	22	100	19	40	-
C0096422160	~~122,50~~	104,00	40	22	160	19	40	46,5
C0096427055	~~59,50~~	50,00	40	27	55	21	48	-
C0096427100	~~74,00~~	63,00	40	27	100	21	48	-
C0096427160	~~128,00~~	109,00	40	27	160	21	48	-
C0096432060	~~65,00~~	55,00	40	32	60	24	58	-
C0096432160	~~134,50~~	115,00	40	32	160	24	58	-
C0096516055	~~80,00~~	68,00	50	16	55	17	32	-
C0096516100	~~93,00~~	79,00	50	16	100	17	32	-
C0096516160	~~148,50~~	126,00	50	16	160	17	32	39
C0096522055	~~80,00~~	68,00	50	22	55	19	40	-
C0096522100	~~93,00~~	78,00	50	22	100	19	40	-
C0096522160	~~152,00~~	130,00	50	22	160	19	40	47
C0096527055	~~81,00~~	69,00	50	27	55	21	48	-
C0096527100	~~94,00~~	80,00	50	27	100	21	48	-
C0096527160	~~157,50~~	134,00	50	27	160	21	48	55
C0096532055	~~83,50~~	71,00	50	32	55	24	58	-
C0096532100	~~95,00~~	81,00	50	32	100	24	58	-
C0096532160	~~168,00~~	143,00	50	32	160	24	58	65,5
C0096540055	~~92,00~~	78,00	50	40	55	27	70	-
C0096540100	~~105,00~~	89,00	50	40	100	27	70	-
C0096540160	~~183,50~~	156,00	50	40	160	27	70	-

MAS 403 BT AD+B



BT 40

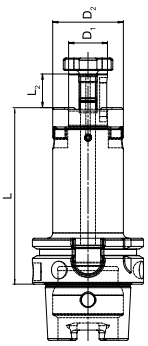
BT 50

G 2.5 25.000 rpm

AT3 TAPER

CODE	Price List	HT	BT	D1 mm	L mm	L1 mm	D2 mm
C1096416055	~~57,00~~	48,00	40	16	55	17	32
C1096416100	~~72,00~~	61,00	40	16	100	17	32
C1096422055	~~59,50~~	50,00	40	22	55	19	40
C1096422100	~~73,00~~	62,00	40	22	100	19	40
C1096427055	~~59,50~~	50,00	40	27	55	21	48
C1096427100	~~74,00~~	63,00	40	27	100	21	48
C1096432060	~~65,00~~	55,00	40	32	60	24	58
C1096432100	~~78,50~~	67,00	40	32	100	24	58
C1096440060	~~73,00~~	62,00	40	40	60	27	70
C1096516070	~~86,00~~	73,00	50	16	70	17	32
C1096522070	~~86,00~~	73,00	50	22	70	19	40
C1096527070	~~88,50~~	75,00	50	27	70	21	48
C1096532070	~~90,50~~	77,00	50	32	70	24	58
C1096540070	~~99,50~~	85,00	50	40	70	27	70

DIN 69893 HSK A



HSK 63

HSK 100

G 2.5 25.000 rpm

CODE	Price List	HT	HSK	D1 mm	L mm	L1 mm	D2 mm
C2096616060	~~106,00~~	90,00	63	16	60	17	32
C2096616100	~~115,50~~	98,00	63	16	100	17	32
C2096622060	~~106,00~~	90,00	63	22	60	19	40
C2096622100	~~115,50~~	98,00	63	22	100	19	40
C2096627060	~~115,50~~	98,00	63	27	60	21	48
C2096627100	~~124,00~~	106,00	63	27	100	21	48
C2096632060	~~119,50~~	102,00	63	32	60	24	58
C2096632100	~~128,50~~	109,00	63	32	100	24	58
C2096116060	~~140,50~~	120,00	100	16	60	17	32
C2096122060	~~140,50~~	120,00	100	22	60	19	40
C2096127060	~~146,50~~	125,00	100	27	60	21	48
C2096132060	~~157,50~~	134,00	100	32	60	24	58
C2096140070	~~163,00~~	139,00	100	40	70	27	70

NET PRICES VALID UNTIL 31.01.24 (VAT EXCLUDED)

TUKOY

TOOL CLAMP

Our cone disassemblers supports are manufactured with the utmost care to preserve the optimal conditions of your toolholders.

The characteristics of the supports avoids possible contact between the cone and support thanks to the shape and the presence of an O-ring.

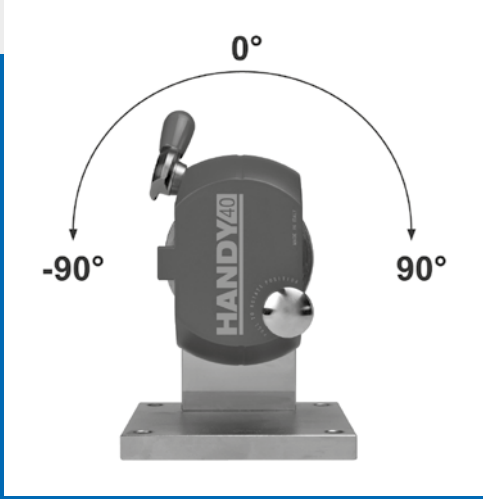
Keep clean all surfaces to always ensure maximum performance.

The good condition of the cone will always ensure exact setting and precise machining.

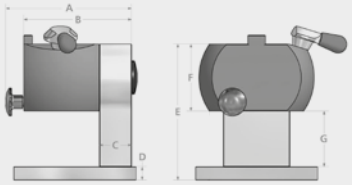
Rotation - positioning
1. Pull the indexing knob to unlock
2. Turn into a new position at 0° 90°
3. Release the knob to block

Toolholders blocking
1. Insert holder making sure the clone is perfectly clean
2. Check the correct positioning into centering dowel
3. Rotate locking knob toward SK or BT according to cone version

Toolholders extraction
1. Rotate locking knob to central positioning
2. Extract holder



CODE	Price List	HT	Coupling	A mm	B mm	C mm	D mm	E mm	F mm	G mm	Base mm	Weight kg
C4525SK40	~~371,00~~	245,00	SK40 - BT40	121	97	29	12	122	60	50	110 x 110	5,0
C4525SK50	~~435,4~~	289,00	SK50 - BT50	152	128	29	12	172	89	71	130 x 130	12,5
C4525HSK63	~~440,30~~	292,00	HSK63	124	101	29	12	122	60	50	110 x 110	5,2



KERFOLG Eye Trim 2

PRESETTING EYE TRIM II

Natural granite

NO thermal expansion coefficients

AXES POSITIONING SYSTEM

The NEW axes positioning system helps you to frame the cutting edge to be measured in the center of the screen quickly and easily.

NEW TFT COLOUR LCD

The NEW TFT colour LCD 7" LED display makes the presetting experience simple and complete

NEW FIRMWARE

for machine management, high performances guaranteed

STANDARD EQUIPMENT

INTERCHANGEABLE SPINDLE HOLDERS

NO adapters
NO coupling errors

€ 6.100,00
ISO 40 - C471540

€ 6.100,00
ISO 50 - C471550

€ 6.900,00
HSK 63 - C471563

FEATURES

- X axis measurement resolution 0.001 mm, Z axis 0.001 mm
- Management electronics with 32-bit RISC processor and integrated vision system
- C-MOS sensor, 5x5mm framed image area, 20X magnification
- Telecentric lens and LED illuminator
- 7 '' LCD color TFT graphic display (image 86x150)
- Full Touch Screen for all presetter functions
- Software with menus represented by icons
- Lifetime free software update
- Display radius / diameter, mm / inch, abs / incr.
- Possibility of measurement with autocollimation on the whole screen
- Automatic calculation cycle of insert radius and angle
- Management nr. 9 digital machine origins
- Management nr. 9 tool tables, each consisting of 99 tools
- Memorization for each tool offset of: T, Lx, Lz, insert radius
- Data storage on flash memory
- Connection with PC via RS-232 port and electronics BIOS update
- 24Vdc power supply with external power supply supplied as standard
- TD236 for managing backup and restore functions of machine origins and tool lists

OPTIONAL

+ Mini-label printer
+ Table

NET PRICES VALID UNTIL 31.01.24 (VAT EXCLUDED)

GUABO

UNIVERSAL BLADES WITH HM TOOTH

NEW

SPEED CUT

P	M	K	N	S	H	C
●	○	○	○	○	-	-

MANUAL ARCH SHAPE	SEMI AUTOMATIC ARCH SHAPE	AUTOMATIC ARCH SHAPE	AUTOMATIC DOUBLE COLUMN	AUTOMATIC HM HIGH SPEED
○	●	●	○	-

Length mm	HT	Tooth pitch 3/4	HT	Tooth pitch 4/6
2450	74,00	A7056245034	97,00	A7056245046
2500	76,00	A7056250034	98,00	A7056250046
2590	78,00	A7056259034	103,00	A7056259046
2600	79,00	A7056260034	102,00	A7056260046
2650	80,00	A7056265034	104,00	A7056265046
2700	82,00	A7056270034	106,00	A7056270046
2750	83,00	A7056275034	108,00	A7056275046
2765	83,00	A7056276534	109,00	A7056276546
2825	85,00	A7056282534	111,00	A7056282546
2845	86,00	A7056284534	112,00	A7056284546
2950	88,00	A7056295034	116,00	A7056295046
3010	91,00	A7056301034	118,00	A7056301046
3100	93,00	A7056310034	121,00	A7056310046
3120	94,00	A7056312034	122,00	A7056312046
3150	95,00	A7056315034	124,00	A7056315046
3180	95,00	A7056318034	124,00	A7056318046
3200	96,00	A7056320034	125,00	A7056320046
3225	97,00	A7056322534	97,00	A7056322546
3320	100,00	A7056332034	130,00	A7056332046
3370	101,00	A7056337034	132,00	A7056337046
3505	105,00	A7056350534	137,00	A7056350546
3660	109,00	A7056366034	143,00	A7056366046
3900	116,00	A7056390034	152,00	A7056390046
4600	137,00	A7056460034	179,00	A7056460046

Band dimension: 27 x 0,9 mm

Teeth per inch: from 3/4 to 4/6

Tooth shape: KP hook and profile

Tooth hardness: 1500 HV

Features: Blades with special tooth geometry with reinforced profile and slightly positive angle

Tooth set: Standard

Band saw blades with carbide teeth for universal use for traditional saws also with tilting arc movement. Blade designed to be used to replace traditional bimetallic blades.

METROLOGY

NET PRICES VALID UNTIL 31.01.24 (VAT EXCLUDED)

ALPA MEGAtry EVO

DIGITAL CALIPERS IP67 WITH PRESET

IP 67 | 0,01 mm | ABS | LCD | INOX | mm inch | 3V CR2032

Digital calipers IP67 with preset.
Accuracy ± 0,02 mm.
Resolution 0,01 mm.
Digital caliper Swiss made IP67 electronics.
High protection against dust and liquids.
Clamping screw, hardened stainless steel frame.

Max error	0-100/20 | 100-300/30 | (DIN 862) mm/µm
Repeatability	0.01 mm
Measuring speed	max 2.5 m/s
Display refresh rate	8 mis/s
Measuring system	Sylvac Inductive System (patented))
Power consumption	Working: 50 µA - Standby mode: 8 µA
Battery life	12'000 h
Working temperature	from + 5° to + 40°C / from + 41° to + 104°F

CODE	Price List	HT	Range mm	Rod
D0010150NDP	~~161,00~~	129,00	0 ÷ 150	■
D0010150NDT	~~170,00~~	135,00	0 ÷ 150	●
D0010200	~~290,00~~	232,00	0 ÷ 200	■
D0010300	~~355,00~~	282,00	0 ÷ 300	-

ALPA PICKall

DIGITAL CALIPERS

CODE	Price List	HT	Range mm
D0026150T	~~76,00~~	60,00	0 ÷ 150
D0026150P	~~76,00~~	60,00	0 ÷ 150
D0026200	~~105,00~~	88,00	0 ÷ 200
D0026300	~~158,00~~	126,00	0 ÷ 300

ALPA MEGAline

SMALL HOLES DEPTH DIGITAL CALIPERS IP67

CODE	Price List	HT	Range mm	Bar section mm	Pin mm
D0111120	~~720,00~~	601,00	0 ÷ 100	4	7,8 x 0,9
D0111120S	~~646,00~~	540,00	0 ÷ 150	4	5,8 x 0,6

NET PRICES VALID UNTIL 31.01.24 (VAT EXCLUDED)

ALPA

Measuring instruments

INOX

Hardened steel head, heat-insulating handle, Ø 8mm clamping shank for dial gauge.
Supplied without indicator.

Great strength and reliability for heavy duty in the workshops and in testing, transmission granted by the anchor movement.
Carbide moving contact, ø 8 mm clamping shank for dial gauge.
Supplied without indicator.

BORE GAUGES WITH STEEL CONTACTS

CODE	Price List	HT	Range mm	Depth mm	Contacts
D22251535	~~340,00~~	288,00	15 ÷ 35	175	Steel
D222530100	~~355,00~~	290,00	30 ÷ 100	250	Steel
D222550160	~~390,00~~	326,00	50 ÷ 160	250	Steel
D2225100300	~~635,00~~	509,00	100 ÷ 300	350	Steel
D2225100500	~~869,00~~	726,00	100 ÷ 500	650	Steel
D2225100500S	~~760,00~~	550,00	100 ÷ 500	350	Steel

BORE GAUGES WITH CARBIDE CONTACTS

CODE	Price List	HT	Range mm	Depth mm	Contacts
D22261535	~~337,00~~	287,00	15 ÷ 35	175	HM
D222630100	~~373,00~~	330,00	30 ÷ 100	250	HM
D222650160	~~428,00~~	357,00	50 ÷ 160	250	HM
D2226100300	~~750,00~~	636,00	100 ÷ 300	350	HM
D2226100500	~~974,00~~	814,00	100 ÷ 500	650	HM
D2226100500S	~~946,00~~	757,00	100 ÷ 500	350	HM

ALPA

MEASURING STANDS WITH GRANITE TABLE

DIN 876/00 compliant flatness and accuracy, sturdy, highly stable structure, hardened and grinded stainless steel stand column and fine-lapped surface, Ø 8 mm dial gauge coupling.

CODE	Price List	HT	Base mm	Column Ø x h mm	Column mm	Arm mm
D253520	~~450,00~~	360,00	300 x 200	30 x 300	Chrome-plated	Useful 180 - Ø 25 with micrometric screw
D253540	~~366,00~~	293,00	300 x 200	30 x 300	Chrome-plated and threaded	Useful 180 - Ø 25 with micrometric screw

ALPA

DIAL INDICATORS Ø 40

Travel 5 mm.
Accuracy according to UNI 4180.
Stainless Steel rod and shaft,
Ø 8 mm cylindrical stem.

0,01 mm | 8 mm

CODE	Price List	HT	Excursion mm	Resolution mm
D23525	~~57,00~~	46,00	5	0,01

ALPA

DIAL INDICATORS Ø 58

Shock-proof mechanism (only for D235110),
accuracy according to UNI4180,
stainless steel rod and shaft,
Ø 8mm cylindrical mount.

0,01 mm | 8 mm | SHOCK PROOF

CODE	Price List	HT	Excursion mm	Resolution mm
D235110	~~43,00~~	35,00	10	0,01
D235125	~~87,00~~	70,00	25	0,01
D235130	~~95,00~~	76,00	30	0,01

ALPA MEGAtast

PRECISION LEVER TEST INDICATORS

Rotable bezel for zero setting. High precision movement mounted on 6 ruby bearings. Carbide ball stylus Ø 2 mm, adjustable within 270° and interchangeable mounted on micro ball bearings. 1 dove tail 8mm Ø.

0,01 mm | 0,002 mm | DIN

Resolution 0,01

CODE	Price List	HT	Excursion mm	Diameter mm	Lever L mm
D2290052836	~~173,00~~	138,00	0,5	27,4	36
D2290053736	~~212,00~~	168,00	0,5	37	36
D2290082812	~~142,00~~	112,00	0,8	27,4	12
D2290083712	~~160,00~~	128,00	0,8	37	12

ALPA MEGArod

MULTIFUNCTION DIGITAL INDICATORS

Robust frame,
water and coolant resistant.
New technology with
configurable menus.
wide selection of features
(min/max, delta, tol, factor,
preset, auto off, etc.).

Automatic wake-up
and sleeping mode,
Absolute system.

Wide choice of options:
Min/Max/Delta, Factor, Preset,
Auto Off, etc...

IP 54 | 0,01 mm | 0,001 mm | 8 mm | ABS | LCD | 3V CR2032

CODE	Price List	HT	Range mm	Resolution mm
D2331250001	~~540,00~~	485,00	0 ÷ 12,5	0,001
D2331125001	~~490,00~~	383,00	0 ÷ 12,5	0,01
D2331250001	~~670,00~~	515,00	0 ÷ 25	0,001
D233125001	~~495,00~~	390,00	0 ÷ 25	0,01
D2331500001	~~987,00~~	750,00	0 ÷ 50	0,001
D233150001	~~898,00~~	696,00	0 ÷ 50	0,01

ALPA MEGAtower

HEIGHT GAUGES

Resolution 0,001mm
Measuring force N 0,75 ÷ 1,5
Repeatability µm 2 (Ø:4)

+ IP67

ROBUST
PRECISE
RELIABLE

Insert with ruby ball Ø 4mm

AIR CUSHION
easy displacement on measuring table

CODE	Price List	HT	Measuring range with extension mm
D4200400	~~5.552,00~~	5100,00	508
D4200700	~~6.000,00~~	5550,00	812

CODE	Price List	HT	Range mm
D4100400	~~4.010,00~~	3750,00	400

ALPA

BLACK GRANITE INSPECTION PLATES WITH STAND

DIN 876/0 compliant flatness and accuracy. Non-magnetic and electrically insulated black granite allows a higher accuracy on surface finishing and internal stress absence.
Painted recangular section structure made from stainless steel, designed for both cast iron and granite surfaces, adjustable swing brake leveling foot/tips system.

CODE	Price List	HT	Dimension mm	Weight kg
D3205630	~~675,00~~	540,00	630 x 400 x 80	92
D32051000	~~1.300,00~~	1.040,00	1000 x 630 x 140	315

ALPA LITEsurf

PORTABLE ROUGHNESS TESTER

€ 2.190 ,00
D7240LITE

Bluetooth connection

90° probe positioning
for shoulder measurings

MEASUREMENTS
8 parameters **ISO 4287** (Ra; Rq; Rt; Rz; Rc; Rmax; Rsm; Rpc)
5 parameters **ISO 12085** (Pt, R, AR, Rx, PPc).

Data manager via APP

ALPA

DETERGENT FOR LAPPED SURFACES

Special liquid detergent for lapped surfaces.

CLEANING
Gentle, water-based
High performance

CODE	Price List	HT	Package	Quantity L
D3252500	~~19,00~~	14,00	Jar	0,5
D32525KG	~~67,00~~	50,00	Can	5

ALPA

POLISHING OIL FOR GRANITE

BLACK LIGHT is a product studied and formulated to protect, revive, preserve and polish the floors in diabase granite.

CODE	Price List	HT	Package	Quantity ml
D32570500	~~13,00~~	9,75	Jar	500
D32575000	~~67,00~~	51,00	Can	5000

NET PRICES VALID UNTIL 31.01.24 (VAT EXCLUDED)

ALPA Schwer

ROCKWELL HARDNESS TESTERS

Universal hardness tester for ROCKWELL scale measurement on ferrous materials, main features as follows:

- Cast iron support structure, testing max height 170mm, depth capacity 165mm
- Hydraulic load application system with weight method, UNI-DIN-ASTM standard compliant 60/100/150kgf loads for ROCKWELL A, B, and C scales
- N. 1 Ø 150mm flat surface for workpiece positioning, N.1 Ø 55mm flat surface and N. 1 flat surface with V-shaped adapter to measure cylindrical objects

€ 1.490,00
D722001

ALPA

LEEB IMPACT HARDNESS TESTERS

Scale measurement range: Leeb and scales HL, HB, HRB, HRC, HV, HS, σb. Measuring range: HLD (200-960) - HRC (19.8-68.5) - HRB (13.5-100) - HB (30-651) - HV (80-976) - HS (26.4-99.5) - σb (375-2639), with D type probe (Standard). Accuracy: ± 6 HLD (HLD=800), repeatability < 6 HLD (HLD=800). Impact direction: 360° selectable.
Materials: iron, cast iron, stainles steel, aluminium, etc.

LCD | INOX | 1.5V AA

CODE	Price List	HT	Resolution	Dimension mm
D7216STR	~~4.650,00~~	1.320,00	1 HL - 1 HV - 1 HB 0,1 HRB - 0,1 HRC - 0,1 HS	76 x 37 x 153 h

Minimum measurable piece weight: 5 Kg.
Display: luminated LCD display in english. Memory: 100 groups. USB connection (Standard) with software included and 2 1.5V AA type batteries.

Standard GB/T 17394-1998, ASTM A956

ALPA Fulcrum

THE REVOLUTIONARY MANUAL MEASURING MACHINE FOR THE WORKSHOP

€ 19.500,00
D7705280

COMPACT AND PORTABLE DESIGN

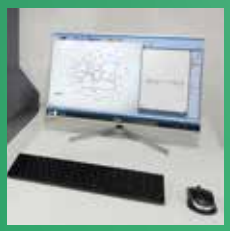
Its 3 rotating axes enables it to have a compact and portable design in order to be used wherever needed, in the production department next to the machine tools, in the quality control department or at the premises of third parties.

MAGNETIC HOTKEYS

Fulcrum is designed to optimise inspection times and prevent production slowdowns. Hotkeys allow you to quickly switch between functions without using the mouse.

SIMPLE USE

Its compact and portable design allows it to be used single handed, placing the parts anywhere on the measuring surface.



PC WITH SOFTWARE INCLUDED

The software has been made even simpler, while maintaining the full functionality of traditional measuring machines. The ease of use allows even less experienced operators to quickly inspect the components to be measured.

FEATURES

- Compact and portable design
- Easy single-handed use
- Shortcut keys to switch between functions
- Onboard machine use
- No air pressure required
- Free software updates

Volumetric accuracy µm*	5.0
Row resolution	0.04 µm
Operating temperature	18 - 22 °C
Compressed air	No

NET PRICES VALID UNTIL 31.01.24 (VAT EXCLUDED)

LUBRICANTS

NET PRICES VALID UNTIL 31.01.24 (VAT EXCLUDED)

LTEC Unitec

BORON AND FORMALDEHYDE RELEASER-FREE MINERAL FLUIDS

- *Excellent compatibility with water hardnesses from 5 to 50 ° f*
- *Excellent lubricating and greasing power*
- *Very high detergency*
- *Long emulsion life*
- *Excellent anti-foaming capacity even at high pressures*
- *High protective action on machine and parts*
- *Excellent safety profile and very high compatibility with operators*

UNITEC ***HF 535E***
medium-heavy and HIGH FEED machining

APPLICATIONS	K	INOX	P <850	P <1200	Al	Mg	Cu	Ti	Recommended concentration
Grinding	●●	●●	●●	●●	●●	●	●	●	3 - 5 %
Turning	●●	●	●●●	●●	●●	●	●●	○	7 - 9 %
Drilling	●●●	●●	●●	●●	●●●	●●	●●	●	5 - 10 %
Drilling, boring	●●	●	●	●	●●	○	○	○	7 - 12 %

CODE	Price List	HT	Quantity L	Refractometric factor	Density DIN 52757 Kg/L	pH (5%) DIN 51369	Storage temperature °C
H0045020	~~188,00~~	150,00	20	1,4	0,989	9,4	5 - 40
H0045200	~~1.489,00~~	1.190,00	200	1,4	0,989	9,4	5 - 40

LTEC

VOLUMETRIC MIXER

ADVANTAGES AND USES:
- Ease of use
- Cost reductions
- Individually tested
- Swift and accurate top ups
- Definition of concentration

H361812

H361810

CODE	Price List	HT	Concentration	Flow L/h	Water pressure Bar	Model
H361810	~~1.195,00~~	650,00	1 - 10%	1600	da 0,7 a 8	Base
H361812	~~1.570,00~~	890,00	1 - 10%	1600	da 0,7 a 8	Complete

NET PRICES VALID UNTIL 31.01.24 (VAT EXCLUDED)

LTEC Waylube

SLIDEWAY OILS

ADVANTAGES AND USES:
- Correct adhesion of the lubricating film
- Excellent demulsivity
- Suitable for the lubrication of conventional or hydrostatic slideways
- It can also be used as a hydraulic oil
- Withstands high loads
- Excellent for slow and heavily loaded rolling bearings

CODE	Price List	HT	L	Appearance	Viscosity at 40°C ASTM D445 cSt	Viscosity index	Density DIN 52757 Kg/L	Flash point ASTM D92 °C	Pour point °C	Storage temperature °C
H2015220B1	~~179,00~~	143,00	20	Yellow	220	101	0,895	>230	-10	10 - 40
H2015220F	~~1.550,00~~	1.240,00	200	Yellow	220	101	0,895	>230	-10	10 - 40
H201532B1	~~170,00~~	136,00	20	Yellow	32	100	0,870	>220	-20	10 - 40
H201532F	~~1.293,00~~	1.030,00	200	Yellow	32	100	0,870	>220	-20	10 - 40
H201568B1	~~168,00~~	134,00	20	Yellow	68	101	0,880	>220	-21	10 - 40

LTEC Hydropro

HYDRAULIC OILS

ADVANTAGES AND USES:
- Multi-purpose use
- Used in machine tool hydraulic controls
- Zinc-free to prevent reactions with moisture
- Formulated with Group II bases for increased durability

CODE	Price List	HT	L	Appearance	Viscosity at 40°C ASTM D445 cSt	Viscosity index	Density DIN 52757 Kg/L	Flash point ASTM D92 °C	Pour point °C	Storage temperature °C
H2020100B1	~~177,84~~	142,00	20	Yellow	100	100	0,888	>235	-27	10 - 40
H2020100F	~~1.673,00~~	1.338,00	200	Yellow	100	100	0,888	>235	-27	10 - 40
H202032B1	~~159,00~~	127,00	20	Yellow	32	100	0,867	>220	-30	10 - 40
H202032F	~~1.490,00~~	1.190,00	200	Yellow	32	100	0,867	>220	-30	10 - 40
H202046B1	~~45,00~~	36,00	5	Yellow	46	101	0,867	>220	-30	10 - 40
H202046B3	~~146,00~~	131,00	20	Yellow	46	101	0,867	>220	-30	10 - 40

LTEC

VCI PACKAGING

The LTEC VCI (Volatile Corrosion Inhibitor) bags have been designed to maximize the protection of machined components against rust or the formation of metal oxides during storage or transport.
The LTEC VCI bags are compatible with the most common types of commercially available corrosion inhibitor oils and waxes.

ADVANTAGES:
- easy and inexpensive to use
- compatible with most corrosion inhibitors
- very long protection

PROTECTION
36 months indoor
24 months outdoor

CODE	Price List	HT	pz	Dimensions mm	Thickness microns
H217010020X30	~~220,00~~	176,00	1600	200 x 300	100
H217010033X22	~~211,00~~	168,00	320	330 x 220 h 550	100
H217010044X33	~~205,00~~	164,00	150	440 x 330 h 820	100

WODEX

SPILL PALLETS IN STEEL FOR DRUMS

Spill pallets in steel for the storage of 200-litre drums, positioned directly on galvanized grating. Grating height of 30 mm.

RAL 7001 gray colour.

Compliant with International Standard EN ISO 3834-2:2021

CODE	Price List	HT	A mm	B mm	C mm	Storage capacity
P6803F1	~~522,00~~	295,00	860	860	430	1 drum of 200 l
P6803F2	~~562,00~~	370,00	1340	850	330	2 drums of 200 l
P6803F4	~~938,00~~	600,00	2660	850	330	4 drums of 200 l
P6803F4SQ	~~708,00~~	465,00	1340	1250	300	4 drums of 200 l
P6803F8	~~1.417,00~~	900,00	2720	1250	300	8 drums of 200 l

Landoil

NEW

RASEN BELT SEPARATOR N

Designed for the removal of foreign oil in machine tools, washing parts, compressor condensation and in general where it is necessary to separate surface oil from the underlying fluid.

H4042N30X2,5

H4042N30X5

FEATURES:
- Stainless steel and light alloy structure
- PVC/Polyurethane belt
- Low-voltage reduction gear, protected against dust and accidental impact
- 7 speeds, potentiometer adjusted
- Includes air coupling fixture for the oxygenation of the emulsion
- Equipped with a level switch

ADVANTAGES:
- Prevents microbiological deterioration of the operating fluid
- Improves manufacturing standards
- Reduces machine tool soiling
- Eliminates machine downtimes due to manual de-oiling interventions

CODE	Price List	HT	Draft mm	Belt dimension mm	Power supply V
H4042N30X2,5	~~498,00~~	435,00	300	25	230
H4042N30X5	~~720,00~~	620,00	300	50	230

Landoil

ANTI-OXIDANT PROTECTIVES

PROTEX NS 80H is a protective agent for metal components which are stored in conditions of high humidity and high salinity. Thanks to a careful formulation and an excellent balance of detergents and solvents, PROTEX NS 80H has excellent degreasing properties and a "dewatering" effect. The product passes the ASTM B117 test (test for the determination of resistance to saline fog) with 90 hours of resistance. PROTEX NS 80H maintains its protection capacity for 15 months in case of detachment indoors while outdoors, by allocating the material indoors, it manages to maintain its protective capacities for 9 months.

CODE	Price List	HT	Packaging	L
H2116020	~~203,90~~	163,00	Can	20

NET PRICES VALID UNTIL 31.01.24 (VAT EXCLUDED)

LTEC AFM

OIL MIST COLLECTORS FOR EMULSIONS

It features an innovative system designed to achieve an effective abatement of pollutants directly at the source, with the positioning of the electric fan downstream in relation to the filter battery.

Swift and easy filter changes.

99.99% filtration rate (according to EN 779-EN 1822 HEPA).

Maintenance costs cut by half.

Healthier and cleaner work environments.

Complies with current health and safety regulations for industrial working environments (Legislative Decree 25/02 - Legislative Decree 81/2008).

CAB INTERIOR VOLUME	RECOMMENDED MODEL
Up to 3mc	AFM MIST PLUS 500
From 3mc to 5mc	AFM MIST PLUS 1000
From 5mc to 8mc	AFM MIST PLUS 2000
From 8mc to 10mc	AFM MIST PLUS 3000

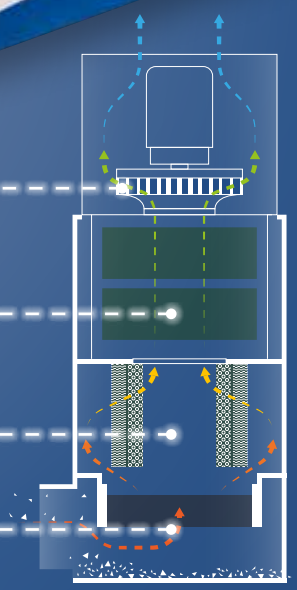
HOW DOES IT WORK?

Electric fan

Filter absolute

Cartridge filter paper lining

Synthetic prefilter



CODE	HT	Model	Suction air flow m³/h	Power kw	Inlet Ø mm	Noise level dBA	Static pressure Pa	Filtering surface m²
H54250500	3.000,00	AFM MIST PLUS EMULSION - 500	700	0,55	125	62	820	5,7
H54251000	3.450,00	AFM MIST PLUS EMULSION - 1000	1200	1,1	150	64	1100	8,4
H54252000	4.050,00	AFM MIST PLUS EMULSION - 2000	2100	1,5	200	68	1400	11,9
H54253000	4.500,00	AFM MIST PLUS EMULSION - 3000	3100	2,2	250	72	2000	14

NET PRICES VALID UNTIL 31.01.24 (VAT EXCLUDED)

MRO

NET PRICES VALID UNTIL 31.01.24 (VAT EXCLUDED)

WODEX WX9900

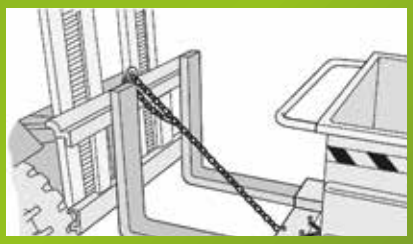
SELF-TILTING SCRAP HOLDERS

Fork mounted structure with fork lift; simple and safe automatic emptying of the container through the tilting lever without leaving the forklift truck; watertight collection tank with sheet metal filter for the separation of liquids and solids and ball drain cock.

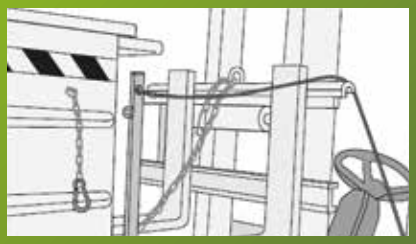
Compliant with European standards, blue RAL 5004.

Watertight collection tank with sheet metal filter for the separation ofliquids and solids and ball drain cock.

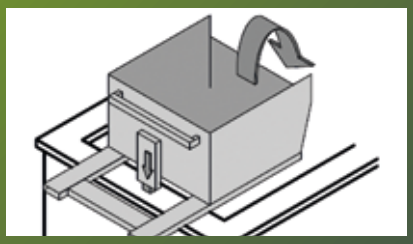
CONTROLLED TIPPING



Safety chain



Safety system



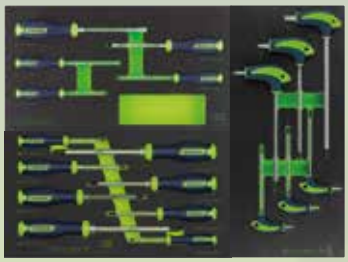
Automatic tipping-release mechanism

CODE	Price List	HT	Model	Capacity kg	Weight Kg	A x B x C mm	D mm	E mm	Inclination °
P4511280	~~1.300,00~~	730,00	It - 280	600	80	970 x 750 x 890	700	790	25,1
P4511300	~~1.450,00~~	780,00	It - 300	600	102	1350 x 820 x 650	490	520	63,5
P4511500	~~1.600,00~~	850,00	It - 500	1000	130	1350 x 920 x 910	700	740	57,6
P4511750	~~1.700,00~~	900,00	It - 750	1350	152	1350 x 1070 x 1040	825	800	49,6
P45111000	~~1.900,00~~	1.000,00	It - 1000	1700	181	1550 x 1070 x 1210	970	920	54

NET PRICES VALID UNTIL 31.01.24 (VAT EXCLUDED)

72 tools

WX1060/SE12	Combination wrenches
WX1950/SE8	Heavy duty double ended offset socket wrenches
WX9500/SE2	Hammer and mallet

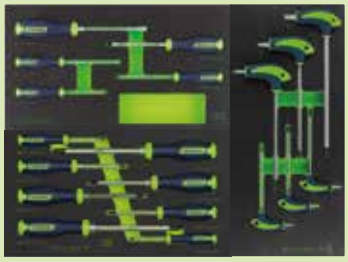


WX4200/SE5	Slotted screwdrivers
WX4205/SE8	Screwdrivers PH/PZ
WX2750/SE6	Hexagonal wrenches with t-handles

WX4590/31	Set of bits 1/4"

125 tools

WX1060/SE12	Combination wrenches
WX2290/SE40	Socket wrenches 1/2"
WX9500/SE2	Hammer and mallet



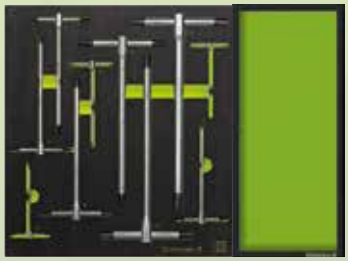
WX4200/SE5	Slotted screwdrivers
WX4205/SE8	Screwdrivers PH/PZ
WX2750/SE6	Hexagonal wrenches with t-handles

WX3750/SE4	Pliers and nippers
WX7620/SE5	Set of files for mechanics
WX9515/SE12	Set of assorted tools

WX4590/31	Set of bits 1/4"

129 tools

WX1060/SE16	Combination wrenches
WX4230/SE10	Slotted and phillips screwdrivers



WX2717/SE10	Set of hex. male t-handle with fixed shaft
WX9492	Eva tray modules with 1 empty tray

WX2095/SE71	1/4" and 1/2" Socket wrenches
WX3750/SE4	Pliers and nippers
WX9492	Eva tray modules with 1 empty tray

WX9505/SE6	Set of assorted tools
WX9512/SE12	Hacksaw and cutting nippers

NET PRICES VALID UNTIL 31.01.24 (VAT EXCLUDED)

WODEX

TOOL CABINETS
WITH MRO ASSORTMENTS

WX9410/B7SCS WITH MRO ASSORTMENTS

CODE	Price List	HT	Composition
1344587	~~1.800,00~~	1.030,00	Tool cabinets Wodex E8215B7S + 72 tools
1344618	~~2.055,00~~	1.180,00	Tool cabinets Wodex E8215B7S + 125 tools
1344666	~~2.292,00~~	1.310,00	Tool cabinets Wodex E8215B7S + 129 tools

WX9410/B7SCS

CODE	Price List	HT
E8215B7S	~~1.080,00~~	700,00

NET PRICES VALID UNTIL 31.01.24 (VAT EXCLUDED)

SCREWDRIVERS PREMIUM QUALITY IN SET
WX4255/S5 - WX4255/S7 - WX4255/S8 - WX4255/S11

CODE	HT	Pieces	Composition	
E608805	18,00	5	WX4000 WX4050	3x75 - 4x100 - 5,5x100 mm PH1x80 - PH2x100 mm
E608807	30,00	7	WX4000 WX4050	3x75 - 4x100 - 5,5x100 - 6,5x125 - 8x175 mm PH1x80 - PH2x100 mm
E608808	28,00	8	WX4000 WX4050	2,5x75 - 3x75 - 4x100 - 5,5x100 - 6,5x125 mm PH0x60 - PH1x80 - PH2x100 mm
E608811	45,00	11	WX4000 WX4050	2,5x75 - 3x75 - 3,5x100 - 4x100 - 5,5x100 - 6,5x125 - 8x175 mm PH0x60 - PH1x80 - PH2x100 - PH3x150 mm

SCREWDRIVERS PREMIUM QUALITY IN SET
WX4260/S7 - WX4260/S8 - WX4260/S10 - WX4260/S15

CODE	HT	Pieces	Composition	
E609007	25,00	7	WX4000 WX4050 WX4100	3x75 - 4x100 - 5,5x100 mm PH1x80 - PH2x100 mm PZ1x80 - PZ2x100 mm
E609008	32,00	8	WX4000 WX4050 WX4100	3x75 - 4x100 - 5,5x100 - 6,5x125 mm PH1x80 - PH2x100 mm PZ1x80 - PZ2x100 mm
E609010	35,00	10	WX4000 WX4050 WX4100	2,5x75 - 3x75 - 4x100 - 5,5x100 - 6,5x125 mm PH0x60 - PH1x80 - PH2x100 mm PZ1x80 - PZ2x100 mm
E609015	60,00	15	WX4000 WX4050 WX4100	2,5x75 - 3x75 - 3,5x100 - 4x100 - 5,5x100 - 6,5x125 - 8x175 mm PH0x60 - PH1x80 - PH2x100 - PH3x150 mm PZ0x60 - PZ1x80 - PZ2x100 - PZ3x150 mm

HEXAGONAL SCREWDRIVERS WITH BALL END
WX2810/S5

Hexagonal screwdrivers **PREMIUM QUALITY** with ball end, blades in satin chrome-vanadium steel, precision hardened **BLACK-TIP** with surface hardness of 58 ± 2 HRC and torque 20% higher than DIN 8764. Hypoallergenic, anti-slip, soft and comfortable **ERGOFORM** handles made of **SANTOPRENE®** that guarantees maximum grip for fast and precise work. Size indication on the handle head. Compliant with RoHS and REACH directives.

CODE	Price List	HT	Pieces	Composition
E252205	~~27,56~~	16,00	5	2,5x100 - 3x125 - 4x125 - 5x150 - 6x150 mm

HEXAGONAL NUT DRIVERS WITH HANDLE
WX1950/S8

Hexagonal extended nut drivers with **PREMIUM QUALITY** handle for hexagonal head screws and nuts. Satin chrome-vanadium steel blade, hypoallergenic, anti-slip, soft and comfortable **ERGOFORM** grip made of **SANTOPRENE®** that guarantees maximum grip for fast and accurate work. Size indication on the handle head. Compliant with RoHS and REACH directives.

CODE	Price List	HT	Pieces	Composition
E145208	~~85,86~~	50,00	8	5x125 - 5,5x125 - 6x125 - 7x125 - 8x125 - 9x125 - 10x125 - 13x125 mm

WODEX

NEW

T-HANDLE TAP WRENCHES
WX5860/S

T-handle Tap wrenches reversible for right and left use or with lock. Hardened 2 jaw pliers for clamping with square section shank tools and sliding T-handle, very useful for threading in difficult to access points. Short version.

CODE	Price List	HT	Size N.	Square mm	For taps M	L mm
F82101	~~13,10~~	8,50	1	2,5 - 5,5	3 - 10	85
F82102	~~16,20~~	10,50	2	4,5 - 7	5 - 12	110
F82103	~~108,00~~	70,00	3	9 - 12	13 - 20	115

Size N.3 Reinforced execution Ø 45 mm, 22 mm hexagon and 310 mm long sliding handle

WODEX

NEW

T-HANDLE TAP WRENCHES
WX5861/S

T-handle Tap wrenches reversible for right and left use or with lock. Hardened 2 jaw pliers for clamping with square section shank tools and sliding T-handle, very useful for threading in difficult to access points. Short version.
Premium Quality Made in Germany execution for heavy machining.

CODE	Price List	HT	Size N.	Square mm	For taps M	L mm
F82111	~~26,10~~	17,00	1	2,5 - 5,5	3 - 10	85
F82112	~~32,17~~	21,00	2	4,5 - 7	5 - 12	100

WODEX

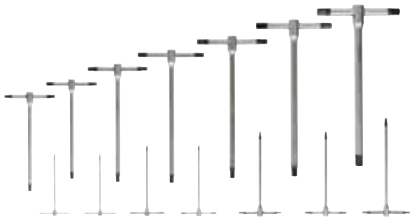
SCREWDRIVERS FOR TORX® SCREWS
WX2940/S9 - WX2940/S11

BOX

CODE	HT	Pieces	Composition	
E337309	30,00	9	WX2940/S9	T8x75 - T9x75 - T10x100 - T15x100 - T20x100 - T25x100 - T27x100 - T30x100 - T40x100 mm
E337311	40,00	11	WX2940/S11	T6x75 - T7x75 - T8x75 - T9x75 - T10x100 - T15x100 T20x100 - T25x100 - T27x100 - T30x100 - T40x100 mm

WODEX

FIXED T-HANDLE HEXAGONAL WRENCHES IN SET
WX2717/S7 - WX2717/S8 - WX2717/S10 - WX2717/S14



BOX

CODE	HT	Pieces	Composition	
E264407	70,00	7	WX2717/S7	2 - 2,5 - 3 - 4 - 5 - 6 - 8 mm
E264408	85,00	8	WX2717/S8	2 - 2,5 - 3 - 4 - 5 - 6 - 8 - 10 mm
E264410	115,00	10	WX2717/S10	2 - 2,5 - 3 - 3,5 - 4 - 5 - 6 - 8 - 10 - 12 mm
E264414	180,00	14	WX2717/S14	2 - 2,5 - 3 - 3,5 - 4 - 4,5 - 5 - 6 - 7 - 8 - 9 - 10 - 12 - 14 mm

WODEX

SCREWDRIVERS VDE 1000 VOLT INSULATED IN SET
WX4350/S7 - WX4350/S8

BOX

CODE	HT	Pieces	Composition	
E616707	28,00	7	WX4030 WX4080	2,5x75 - 3,0x100 - 4,0x100 - 5,5x125 mm PH0x60 - PH1x80 - PH2x100 mm
E616708	32,00	8	WX4030 WX4080 WX4190	2,5x75 - 3,0x100 - 4,0x100 - 5,5x125 mm PH0x60 - PH1x80 - PH2x100 mm 3,0x70 mm Cercafase 105-250 Volt

WODEX

SCREWDRIVERS VDE 1000 VOLT INSULATED IN SET
WX4355/S7 - WX4355/S8

BOX

CODE	HT	Pieces	Composition	
E616807	28,00	7	WX4030 WX4130	2,5x75 - 3,0x100 - 4,0x100 - 5,5x125 mm PZ0x60 - PZ1x80 - PZ2x100 mm
E616808	32,00	8	WX4030 WX4130 WX4190	2,5x75 - 3,0x100 - 4,0x100 - 5,5x125 mm PZ0x60 - PZ1x80 - PZ2x100 mm 3,0x70 mm Cercafase 105-250 Volt

WODEX

HEXAGONAL WRENCHES WITH HANDLE IN SET
WX2750/S6

Hexagonal wrenches **PREMIUM QUALITY** with spherical ends, bi-component, hypoallergenic and anti-slip **ERGOFORM** handles made of **SANTOPRENE®** with high-density polypropylene core. Hexagonal blades in special chrome vanadium steel with satin finish.

CODE	Price List	HT	Pieces	Composition
E256306	~~57,03~~	35,00	6	2,5 - 3 - 4 - 5 - 6 - 8 mm

WODEX

ELECTRICIAN'S SCISSORS
WX4770

€ 15,00
F2504155

Minimum quantity 2 pieces

ELECTRICIAN'S SCISSORS INSULATED 1000V
WX4775

€ 23,00
F2640155

Minimum quantity 2 pieces

WODEX

SET OF PLIERS FOR INTERNAL AND EXTERNAL CIRCLIPS
WX3420/S4 - WX3420/S8 - WX3420/S12

Set of **AUTOMOTIVE LINE** straight nose pliers for internal and external circlips. Hardened chrome-vanadium steel body, high performance steel tips for high stress continuous use. The angle of the non-slip tip allows the circlip to be held securely by the tips during compression or expansion. **ERGOFORM** grip handles with anti-slip coating.

STANDARD DIN ISO 5256 - DIN ISO 5254

CODE		Price List	HT	Pieces	Composition	
F045904	WX3420/S4	~~78,44~~	51,00	4	**WX3400** **WX3405** **WX3410** **WX3415**	Pliers for internal circlips - straight nose Ø 19-60 mm Pliers for internal circlips - noses 90° Ø 19-60 mm Pliers for external circlips - straight nose Ø 19-60 mm Pliers for external circlips - straight nose 90° Ø 19-60 mm
F045908	WX3420/S8	~~148,40~~	96,00	8	**WX3400** **WX3405** **WX3410** **WX3415**	Pliers for internal circlips - straight nose Ø 12-25 - Ø 19-60 mm Pliers for internal circlips - noses 90° Ø 12-25 - Ø 19-60 mm Pliers for external circlips - straight nose Ø 10-25 - Ø 19-60 mm Pliers for external circlips - noses 90° Ø 10-25 - Ø 19-60 mm
F045912	WX3420/S12	~~222,60~~	140,00	12	**WX3400** **WX3405** **WX3410** **WX3415**	Pliers for internal circlips - straight nose Ø 8-13 - Ø 12-25 - Ø 19-60 mm Pliers for internal circlips - noses 90° Ø 8-13 - Ø 12-25 - Ø 19-60 mm Pliers for external circlips - straight nose Ø 3-10 - Ø 10-25 - Ø 19-60 mm Pliers for external circlips - noses 90° Ø 3-10 - Ø 10-25 - Ø 19-60 mm

WODEX

COPPER HAMMERS
WX5495

Minimum quantity 2 pieces

Mallets with copper head and shaped ash wood handle. Handle with steel wedge fastening and locking pin.

CODE	Price List	HT	Handle mm	Weight g
F53910200	~~27,30~~	18,00	230	200
F53910300	~~32,30~~	21,00	255	300
F53910400	~~37,78~~	26,00	275	400
F53910500	~~46,20~~	30,00	275	500
F53910600	~~50,49~~	33,00	275	600
F53910800	~~64,56~~	42,00	280	800
F53911000	~~76,47~~	50,00	280	1000
F53911500	~~106,92~~	69,00	295	1500
F53912000	~~131,31~~	85,00	295	2000

WODEX

MALLETS IN DRAWN COPPER 80 BRINELL
WX5510

Mallets PREMIUM QUALITY with double hardened copper head obtained from drawn bar with 80/100 BRINELL hardness.
Three-component handle with protective nylon collar and permanent mechanical fastening with steel wedge and epoxy resin.
The ergonomic handle is composed of an aluminium core covered in Nylon and an anti-vibration grip in non-slip rubber.

STANDARD DIN 5130 - 1195 - 5111

CODE	Price List	HT	Handle mm	Weight g
F53780500	~~60,10~~	39,00	300	500
F53780750	~~79,50~~	52,00	320	750
F53781000	~~99,85~~	65,00	320	1000
F53781500	~~146,92~~	96,00	360	1500

WODEX

STEEL MALLETS WITH POLYURETHANE HEAD 95 SH
WX5450

Minimum quantity 2 pieces

Mallets with painted steel head and interchangeable polyurethane striking tips hardness 95 Shore.
Shaped ash wood handle and steel wedge fastening.

STANDARD UNI 7784

CODE	Price List	HT	Ø head mm	Handle mm	Weight g
F533122	~~17,60~~	12,00	22	260	140
F533128	~~18,97~~	13,00	28	280	250
F533135	~~23,00~~	15,00	35	305	350
F533142	~~26,50~~	18,00	42	310	620
F533150	~~36,04~~	23,00	50	345	900
F533160	~~50,88~~	32,00	60	380	1300

WODEX

GERMAN TYPE HAMMERS
WX5000

Minimum quantity 2 pieces

German type bench hammers in induction hardened C45 steel, ground and stove enamelled, head with polished striking faces and chamfered edges. Nylon handle protection sleeve and steel wedge fastening. Shaped varnished ash wood handles.

STANDARD DIN 1041 - 1193 - 1195 - 5111

CODE	Price List	HT	Handle mm	Weight g
F51150100	~~7,59~~	4,80	260	100
F51150200	~~8,35~~	5,40	280	200
F51150300	~~9,32~~	6,00	300	300
F51150400	~~11,01~~	7,00	310	400
F51150500	~~12,26~~	8,00	320	500
F51150600	~~14,19~~	9,00	330	600
F51150800	~~16,38~~	10,00	350	800
F51151000	~~18,94~~	12,00	360	1000
F51151500	~~24,55~~	15,00	380	1500
F51152000	~~32,73~~	21,00	400	2000

WODEX

FLAT CUTTING DISCS

SPACE CUT

Latest generation flat cutting discs, TOP QUALITY.
Excellent cutting performance and long service life.
Suitable for steel and stainless steel.
To be used on angle grinders.

P	M	K	N	S	H
●	●	○	○	-	-

CODE	HT	Dimension mm	
G020711510	1,47	115 x 1,0 x 22,2	25
G020711516	1,47	115 x 1,6 x 22,2	25
G020712510	1,59	125 x 1,0 x 22,2	25
G020712516	1,59	125 x 1,6 x 22,2	25
G020723019	3,25	230 x 1,9 x 22,2	25

WODEX

DEPRESSED CENTRE GRINDING DISCS

SPACE GRIND

Last generation depressed centre discs, TOP QUALITY.
High performance grinding and exceptional removal with long service life.
Suitable for steel and stainless steel. To be used on angle grinders.

P	M	K	N	S	H
●	●	○	○	-	-

CODE	HT	Dimension mm	
G031711570	2,10	115 x 7,0 x 22,2	10
G031712570	2,25	125 x 7,0 x 22,2	10
G031723070	5,30	230 x 7,0 x 22,2	10

TYROLIT

NEW

FLAT CUTTING DISCS FOR NON-FERROUS MATERIALS

Flat aluminum oxide cutting discs, ideal for processing Aluminum, Bronze, Copper, Brass and non-ferrous metals in general. This innovative disc structure avoids the clogging typical of these materials and guarantees fast and precise cuts.

P	M	K	N	S	H
-	-	-	●	●	-

CODE	HT	Dimension mm	Specification	
G031411510	2,20	115 x 1,0 x 22,23	A60N-BFP	25
G031411516	2,20	115 x 1,6 x 22,23	A46N-BFP	25
G031412510	2,45	125 x 1,0 x 22,23	A60N-BFP	25
G031412516	2,45	125 x 1,6 x 22,23	A46N-BFP	25

TYROLIT

NEW

FIBER DISCS CERABOND X

C+

CERABOND X

Ceramic fibre disc for processing steel and stainless steel. Cooling additives. Exceptionally high performance. Also in the bucket version to eliminate deformation of the discs.

P	M	K	N	S	H
●	●	○	○	-	-

CODE	HT	Ø mm	Grain	Box	
G212811536	1,25	115	36	Box	25
G212811560	1,25	115	60	Box	25
G212812536	1,30	125	36	Box	25
G212812560	1,30	125	60	Box	25
G212811536BOX	1,25	115	36	Bucket	50
G212811560BOX	1,25	115	60	Bucket	50
G212812536BOX	1,30	125	36	Bucket	50
G212812560BOX	1,30	125	60	Bucket	50

NET PRICES VALID UNTIL 31.01.24 (VAT EXCLUDED)

KIT DRILL, SCREWDRIVER and BELT SANDER

KIT PRICE

€ 449,00

N4112V

BELT SANDER
M12 FUEL™ 13 MM

- The first 12V cordless sander with 13mm belt
- Increased balance and performance compared to pneumatic machines
- The lightest belt sander on the market
- Two speed selection option to ensure maximum control in all applications
- The head can rotate 360 degrees
- It allows the trigger switch to be locked to allow for effortless operations, even for long periods of time
- FUEL™ technology
- Compatible with all M12™platform batteries
- Belt replacement without use of tools

No-load speed rpm	0-7,200 / 0-14,500
Belt speed mm	0-560 / 0-1,105
Belt length mm	457
Belt width mm	13
Weight with battery bundle kg	1,3

COMPACT DRILL SCREWDRIVER
M12 FUEL™

- Extremely compact (151mm)
- 45 Nm torque
- Excellent Torque to Dimension ratio
- Heavy Duty 13mm chuck
- Mechanical clutch with 13 settings, selector for screwing operations, without/with impact
- FUEL™ platform
- Compatible with all M12™platform batteries

No-load speed rpm	0-450 / 0-1,550
Keyless chuck mm	13
Max cap. wood/metal drilling mm	35/13
Weight with battery bundle kg	1,4

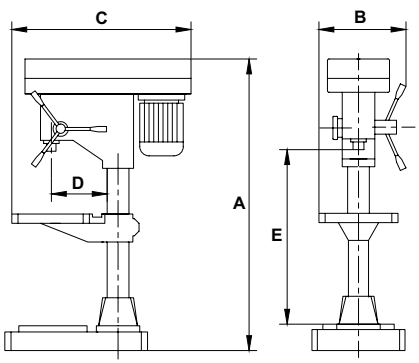
bimak

DRILLING MACHINES 18CO

Precise, silent and reliable drilling machines, compliant with safety standards.

Features:
- Steel column
- Cast iron base
- Ground swivel table and vice
- Manual downfeed with depth stop
- Three phase motor 400 Volt
- Safety guard
- 2 speed motor

€ 3.250 , 00
N038018



CODE	Drilling mm	Coupling	Range mm	Table mm	Ø Column mm	Distance spindle to table mm	Kw HP	A mm	B mm	C mm	D mm	E mm	Weight kg
N038018	1 - 18/20	CM2	90	240 x 240	80	50 - 630	0,56 0,75	1625	490	660	200	1160	140

WRK

KIT TOOL BOX FOR PROFESSIONALS

Kit tool box composed of:

HAND TAPS HSS DIN 352 / M3-M12
- For cutting internal threads
- Tested industrial quality

90° COUNTERSINKS HSS DIN 335 C / TIN / Ø 6,3-20,5 mm
- 100% defined cutting geometric
- Optimized chip removal
- Tested and reliable industrial quality

TWIST DRILLS HSS-G Ø 1-10,5 mm x 0,5 mm IN PASSI
- Universal twist drill for cordless drilling machines
- Ø 1,0-10,5 mm + Ø 3,3 / 4,2 / 6,8 / 10,2 mm (size for threading)
- For the most materials

CODE	Price List	HT	Pieces n.
N5225SET3	~~180,00~~	99,00	51

BENCH BELT SANDERS

Industrial bench belt sanders. Made in Italy. Engine induction with thermal protection bimetallica which protects from any overloading ensuring an almost unlimited process of the sander. Quick substitution of the abrasive belt.

Belts to be ordered separately.

CODE	N320003
Price List	~~1.130,00~~
HT	966,00
Belt mm	100 x 1000
Electric motor	Three-Phase 400 V
HP	1,5
Kw	1,1
RPM	2800
m/s	19
Weight kg	38

TILTING BELT SANDERS

Industrial belt sanders. Made in Italy, double speed engine induction (N320503BT), arm orientated 0° a 360°, pulley drive loader, complete with a low voltage control unit of 24 volts (N320503BT) Emergency stop button. Quick substitution of the abrasive belt.

Belts to be ordered separately.

CODE	N320503	N320503BT
Price List	~~1.837,00~~	~~2.217,00~~
HT	1.570,00	1.895,00
Belt mm	120 x 1500	120 x 1500
Electric motor	Three-Phase 400 V	Three-Phase 400 V
HP	1,1	0,8 - 1,1
Kw	0,8	0,6 - 0,8
RPM	2800	1400 - 2800
m/s	14	14 - 28
Weight kg	87	88

INDUSTRIAL BELT SANDERS

Industrial belt sanders. Made in Italy. Designed in the total respect of Health and Safety regulations of the working envioronment.
Intergrated with a complete vacume cleaner. Adjustable double speed drive 0° a 360°, pulley wheel, full control of commands with a low voltage control unit of 24 volts. Emergency stop button. Quick substitution of the abrasive belt.
Belts to be ordered separately.

CODE	N321003BT
Price List	~~3.235,00~~
HT	2.765,00
Belt mm	120 x 1500
Electric motor	Three-Phase 400 V
HP	0,8 - 1,1
Kw	0,6 - 0,8
RPM	1400 - 2800
m/s	14 - 28
Weight kg	38

LINCOLN ELECTRIC

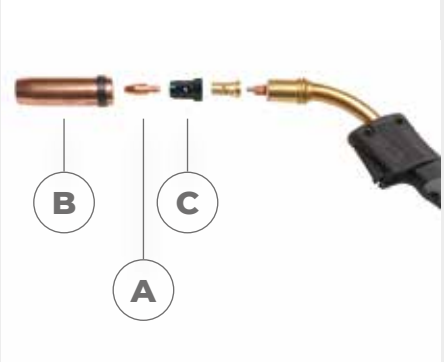
TORCHES FOR MIG-MAG WIRE WELDING

Semi-automatic, air-cooled wire welding torches. Cable length 4 m. Rotating handle and extra flexible cable. Parts subject to wear in compliance with the major European standards.

CODE		J72271504	J72272504	J72273604
Price List		~~103,10~~	~~136,50~~	~~196,90~~
HT		80,00	108,00	155,00
Model		LGS2-150G	LGS2-250G	LGS2-360G
Work cycle (CO_2)		180 A to 60%	230 A to 60%	330 A to 60%
APPLICATION		Thin thickness	Thin thickness light carpentry	Construction sites Media carpenterial
Ø Max wire	mm	1,0	1,0	1,2
Contact tip	mm	0,8	1,0	1,2
Conical nozzle	mm	12	15	16

SPARE PARTS FOR MIG-MAG WIRE TORCH

CODE	Price List	HT	Mod. Torch	Image	Description	Type	
J7230150A08	~~9,00~~	6,90	150	A	Contact tip (10pcs)	M6x25 Ø0,8	1
J7230150A10	~~9,50~~	7,30	150	A	Contact tip (10pcs)	M6x25 Ø1,0	1
J7230150B12	~~3,10~~	2,35	150	B	Conical nozzle	Ø12,5	5
J7230250A08	~~8,70~~	6,70	250	A	Contact tip (10pcs)	M6x25 Ø0,8	1
J7230250A10	~~9,50~~	7,30	250	A	Contact tip (10pcs)	M6x25 Ø1,0	1
J7230250B15	~~5,50~~	4,25	250	B	Conical nozzle	Ø15	5
J7230360A10	~~14,40~~	11,10	360/505	A	Contact tip (10pcs)	M8x30 Ø1,0	1
J7230360A12	~~12,50~~	9,60	360/505	A	Contact tip (10pcs)	M8x30 Ø1,2	1
J7230360B16	~~6,90~~	5,30	360	B	Conical nozzle	Ø16	5
J7230360CST	~~8,50~~	6,50	360	C	GAS diffuser (10pz)	Standard	1
J7230505B16	~~5,70~~	4,40	505	B	Conical nozzle	Ø16	5
J7230505CST	~~10,00~~	7,70	505	C	GAS diffuser (10pz)	Standard	1



CORAL

CLEAN GO WELDING FUMES ASPIRATORS

The CLEANGO welding fumes aspirators are represented for their small size, easy use and operating effciency, the most economical solution to aspiration problems, filtration and deodorization of welding fumes. These welding fumes aspirators are distinguished by their high silent operation established due to pivoting wheels with brakes. The maintenance of the machine is restricted to the installation of the cellulose filter cartridge, which only requires short time and unskilled personnel.

€ 1.790,00
N6055ASP

Standard equipment:
- Self-supporting arm evolution no smoke Ø 150 mm length 3 m
- Cellulose filter of high performance IFA/BGIA M-CEL Code 1110670
- 1 Manetermic switch ON/OFF
- 1 Hour counting device

Optional:
- Cartridge with 2,5 kg of ative carbon Code 1161611

Power supply	V - Hz	400 - 50
Power	kW	1,1
Brake capacity	m³/h	1400
Medium filter	IFA/BGIA	M CEL
Filter efficiency		99%
Noise level	dB(A)	72
Dimension	mm	* 756 x 702 x 916H
Weight	Kg	89

* Max dimension of the aspirator without the self supporting arm No Smoke

LINCOLN ELECTRIC

MULTIFUNCTION WELDERS

Monophase multifunction welding machine with Inverter technology. It carries out MIG, MMA and TIG LIFT welding processes. Portable, light and robust. Equipped with a large display for consulting the parameters. It is compatible with motor generator. Arc Force and Hot Start function that facilitate the start and help keep the arc lit. Anti Sticking Function. Polarity change. Includes MIG torch with 3m cable and 3m work cable.

BESTER 190C MULTI

€ 680 ,00

J6125190

CODE		J6125190
Power supply voltage	V	230 single-phase
Power setting MIG	A	30 - 180
Intermittence ratio MIG	A	180 (20%) - 115 (60%) - 90 (100%)
Power setting MMA	A	15 - 180
Intermittence ratio MMA	A	180 (15%) - 95 (60%) - 75 (100%)
Power setting TIG	A	15 - 180
Intermittence ratio TIG	A	180 (25%) - 120 (60%) - 90 (100%)
Max reel size	kg	5
Cable diameter	mm	0,6 ÷ 1,0
Connector size	mm	13

WORKS

SAFETY SHOES

NEW

MOVE 400

€ 65,00

K1643

S1PL SRC SR

WORKS

SAFETY SHOES

JUMP 500

€ 63,00

K1620

S1PL SR

WORKS

SAFETY SHOES

STREET

€ 48,00

K1640

S1P SRC

WORKS

SAFETY SHOES

RING 400

€ 32,00

K1211

S1P SRC

FOOTWEAR ICONS LEGEND

- S1PL — Safety requirements S1PL
- S1P — Safety requirements S1P
- SRC — Non-slip tread
- SR — Non-slip tread for ceramic+glycerine
- Steel midsol
- Antistatic footwear
- Heat resistance by contact
- Oil resistant sole
- 200 joule toe cap
- Energy absorbing heel
- Breathable leather upper

K1643	K1620	K1640	K1211	EU	US
-	-	-	K121136	36	4,5
-	-	-	K121137	37	5
K164338	-	K164038	K121138	38	5,5
K164339	K162039	K164039	K121139	39	6
K164340	K162040	K164040	K121140	40	7
K164341	K162041	K164041	K121141	41	8
K164342	K162042	K164042	K121142	42	8,5
K164343	K162043	K164043	K121143	43	9
K164344	K162044	K164044	K121144	44	10
K164345	K162045	K164045	K121145	45	11
K164346	K162046	K164046	K121146	46	11,5
K164347	K162047	K164047	K121147	47	12

NET PRICES VALID UNTIL 31.01.24 (VAT EXCLUDED)

WRK

COWHIDE GRAIN LEATHER GLOVES

PURCHASING

12 pairs	€ 2,35 a pair
120 pairs	€ 2,00 a pair
360 pairs	€ 1,75 a pair

While stocks last for sizes 8 and 9

2143X

CODE		EU	
K21007	M	7	12
K21008	L	8	12
K21009	XL	9	12
K210010	XXL	10	12
K210011	XXXL	11	12

WRK

CUT RESISTANCE GLOVES COATED IN POLYURETHAN

4442C

CODE	Price List	HT		EU	
K234607	~~6,20~~	3,70	7	S	12
K234608	~~6,20~~	3,70	8	M	12
K234609	~~6,20~~	3,70	9	L	12
K234610	~~6,20~~	3,70	10	XL	12

WRK

GLOVES IN POLYESTER COATED IN POLYURETHANE

PURCHASING

12 pairs	€ 1,00 a pair
120 pairs	€ 0,80 a pair
360 pairs	€ 0,55 a pair

2121X

CODE		EU	
K23106	S	6	12
K23107	M	7	12
K23108	L	8	12
K23109	XL	9	12
K231010	XXL	10	12

DISPOSABLE GLOVES IN EMBOSSED NITRILE

JKPT VIRUS

CODE	Price List	HT		EU	
K25138	~~22,70~~	10,50	M	8	50
K25139	~~22,70~~	10,50	L	9	50
K251310	~~22,70~~	10,50	XL	10	50

DISPOSABLE NITRILE GLOVES

EN 374-1

CODE	Price List	HT		EU	
K251607	~~9,50~~	6,00	S	7	100
K251608	~~9,50~~	6,00	M	8	100
K251609	~~9,50~~	6,00	L	9	100
K251610	~~9,50~~	6,00	XL	10	100

LTEC Breezy

LIQUID VACUUM CLEANERS

Professional liquid vacuum cleaners, pratical, versatili e professionals
Twin engine
Overhead door frame (25 lt model in polypropylene)
Washable polyester filter
Strong and practical closing hook system
Anti-shock head
Anti-splash switch
4 Sliding wheels
Quick hose

Standard accessories included

IMMEDIATE AVAILABILTY
SPARE PARTS AND SUPPORT
MADE IN ITALY

CODE	Price List	HT	Tank Lt	Electric motors N°	Tension V	Depression mm/H2O	Air capacity m³/h	Dimensions cm	Weight Kg
N590001	~~240,00~~	190,00	25	1	230	2200	180	34 x 34 x 64h	6
N591001	~~308,00~~	250,00	35	1	230	2200	180	40 x 40 x 77h	10
N592001	~~353,00~~	285,00	50	1	230	2400	220	47 x 47 x 93h	20
N593001	~~667,00~~	540,00	70	2	230	2200	360	60 x 59 x 105h	22

INFRARED HEATERS

Infrared heaters for heating work areas. They use short wave radiation to heat objects and people, but not the surrounding air. They do not pollute or emit harmful substances.

Savings of over 60% compared to traditional heating systems because they only heat the required areas without heat dispersion. They can be equipped with timers, thermostats and presence detectors. They are ideally positioned on a wall or ceiling at a 45degree angle.

CODE	Price List	HT	Model	Power W	Heated area m²	Dimensions mm	Weight kg
N6060120	~~499,00~~	430,00	Single	2000	28	470 x 230 x 130	3,8
N6060240	~~975,00~~	895,00	Double	4000 (2 x 2000)	43	1040 x 230 x 130	6,9

NET PRICES VALID UNTIL 31.01.24 (VAT EXCLUDED)

LISTA

CABINETS WITH SHEET METAL DOORS

The doors close flush with the structure of the cabinet with an opening of about 115 degrees. Maximum stability and high capacity of shelves. Equipped with key lock.

CODE		P3053B01	P3053B02
Price List		~~760,50~~	~~760,50~~
HT		485,00	485,00
Dimension	mm	1000 x 500 x 1950h	1000 x 500 x 1950h
Shelves	n°	4 x 60kg	4 x 60kg
Colour		RAL 5012	RAL 7035
Load capacity	kg	500	500

LISTA

UNIVERSAL SHELVING L1006

Galvanized universal shelving. Quick and easy to assembly with an interlocking system for all elements and shelves, without the need for screws.

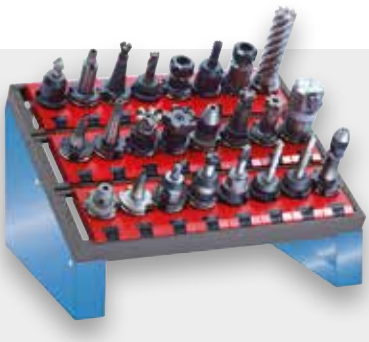
CODE		P630800	P6308A00
Price List		~~276,46~~	~~490,70~~
HT		240,00	165,00
Dimension	mm	1000 x 400 x 2000	1000 x 400 x 2000
Shelves	n°	5 x 160 Kg	5 x 160 Kg
Description		Universal shelving	Additional bay
Capacity	kg	2800	2800

LISTA

NC TABLE SUPPORT NC 36 X 27 E

NC table support with frame for housing in drawers for 3 tracks. Made of sheet steel.

24 pieces ISO-SK 40



CODE		P1049A01
Price List		~~327,50~~
HT		185,00
Dimension	mm	588 x 413 x 345
Supports		24 ISO-SK 40
Colour		RAL 5012

Professional industrial and workshop furniture

CABINETS WITH FULL EXTENSION DRAWERS 54 X 27 EH

Cabinets with full extension drawers (100%), capacity 50 kg, anti-tilt opening system, central locking.

€ 750,00
P21207C01

P21207C... composed of:

2 drawers, height 75 mm
1 drawer, height 100 mm
3 drawers, height 150 mm
1 drawer, height 200 mm

CODE	Drawers n°	Dimensions mm	Weight kg	Colour
P21207C01	7	1023 x 600 x 1000h	105	RAL 5012

NET PRICES VALID UNTIL 31.01.24 (VAT EXCLUDED)

CABINETS WITH HINGED DOORS

Cabinets with hinged doors and 2 shelves depth 500 mm (shelf capacity 120 Kg).

€ 245,00
P311050001

CODE		**P311050001**
Dimension	**mm**	512 x 555 x 1000 h
Max. capacity	**kg**	800
Colour		Blu RAL 5012

CABINETS WITH HINGED DOORS

Cabinets with hinged doors and 2 shelves depth 500 mm (shelf capacity 120 Kg).

€ 360,00
P3111100001

CODE		**P3111100001**
Dimension	**mm**	1023 x 555 x 1000 h
Capacity	**kg**	800
Colour		Blu RAL 5012

DOUBLE-SIDED TROLLEY WITH WOLF-MOUTH CONTAINERS

Container trolley equipped with 2 fixed non-marking synthetic rubber wheels Ø 125 mm and 2 swivel wheels with brakes, non-marking synthetic rubber wheels Ø 125 mm, set of 5 profiles with 90 containers size 1 and set of 4 profiles with 48 containers size 2. Maximum trolley load 300 kg.

€ 470,00
P41131

CODE		**P41131**
Dimension	**mm**	1067 x 668 x 1357 h
With Containers		Yes
Colour		Painted sheet metal, anthracite grey (RAL 7016)

PLATFORM TROLLEYS

Platform trolley equipped with 2 fixed and 2 swivel rubber wheels Ø 125 mm. The Combi 4-wheel platform trolley makes it easier to transport heavy and medium-sized materials. The fixed-wheel platform trolley can be used both within the company and in warehouses to make it easier for customers and operators to handle purchases and different products.

€ 165,00
P5410101

CODE		**P5410101**
Dimension	**mm**	1135 x 700 x 915 h
Capacity	**kg**	250
Weight	**kg**	22,96
Colour		Blue RAL 5012

HANDLING

NET PRICES VALID UNTIL 31.01.24 (VAT EXCLUDED)

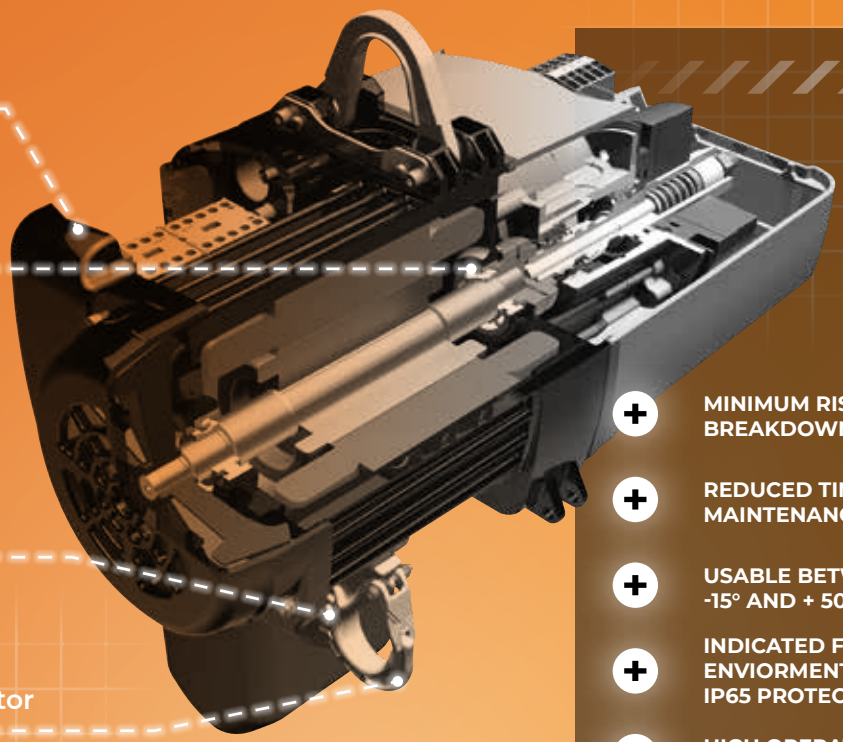
ELECTRIC CHAIN HOISTS

No sensitive electronics

Polygonal shaft-hub couplings

Wear-resistant DC spring brake

Chain with excelent safety factor



- MINIMUM RISK OF BREAKDOWNS
- REDUCED TIME AND MAINTENANCE COSTS
- USABLE BETWEEN -15° AND + 50°
- INDICATED FOR EXTERNAL ENVIORMENTS IP65 PROTECTION
- HIGH OPERATIONAL SAFETY

ELECTRIC CHAIN HOISTS GP

CODE	Price List	HT	Load capacity kg	Model	Class FEM (ISO)	Speed m/min	Nr.chain falls	Excursion m	Power kW	Intensity A	Weight kg
M00051251NF2	~~2.150,00~~	1.650,00	125	GP250/1NF	4m (M7)	8/2	1	3	0,72 / 0,18	2,8 / 1,7	24
M00052001NF2	~~2.150,00~~	1.650,00	200	GP250/1NF	3m (M6)	8/2	1	3	0,72 / 0,18	2,8 / 1,7	24
M00052501NF2	~~2.150,00~~	1.650,00	250	GP250/1NF	2m (M5)	8/2	1	3	0,72 / 0,18	2,8 / 1,7	24
M00055002NF	~~2.250,00~~	1.750,00	500	GP250/2NF	2m (M5)	4/1	2	3	0,72 / 0,18	2,8 / 1,7	25
M000510002NF	~~2.525,00~~	1.950,00	1000	GP500/2NF	2m (M5)	4/1	2	3	0,72 / 0,18	2,8 / 1,7	28
M000516002NF	~~3.600,00~~	2.700,00	1600	GP1000/2NF	3m (M6)	4/1	2	3	2,3 / 0,68	5,7 / 4,1	66
M000520002NF	~~3.600,00~~	2.700,00	2000	GP1000/2NF	2m (M5)	4/1	2	3	2,3 / 0,68	5,7 / 4,1	66

FREE

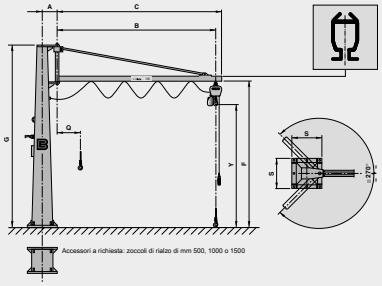
M0990DT
CYCLE COUNTERS FOR HOISTS

B·HANDLING

COLUMN-MOUNTED JIB CRANES WITH GIS SYSTEM KB PROFILE ARM

FREE

1270078
CRANE CAPACITY SIGN 300X200



CODE	Price List	HT	LOAD CAPACITY kg	MODEL	ARM LENGHT C mm	EXTERNAL HOOK POSITION B mm	A mm	F mm	G* mm	Q mm	S mm	MAX HOOK HEIGHT FROM GROUND Y mm	FOUNDATION TYPE**	EXTENSION TYPE	PRESSURE BETWEEN COLUMN BASE AND FOUNDATION kg/cm²	ANCHORING TIE ROD TRACTION kg	Weight kg
M10102004000	~~2.245,00~~	1.650,00	200	SC 200/4000	4030	3865	305	3430	4025	570	560	2875	7	1A	5	1100	285
M10102005000	~~2.458,00~~	1.850,00	200	SC 200/5000	5030	4850	305	3425	4025	670	560	2865	8	1A	6	1360	320
M10102006000	~~2.820,00~~	2.000,00	200	SC 200/6000	6030	5850	305	3425	4025	680	560	2865	8	1A	7	1620	330
M10105004000	~~4.200,00~~	3.250,00	500	SC 500/4000	4035	3855	320	3495	4320	600	620	2910	12	2	10	1550	380
M10105005000	~~4.998,00~~	3.900,00	500	SC 500/5000	5045	4840	320	3445	4320	730	620	2845	13	2	12	1910	530
M10105006000	~~5.203,00~~	4.100,00	500	SC 500/6000	6045	5840	320	3445	4320	730	620	2845	14	2	14	2290	550
M10101004000	~~6.133,00~~	4.850,00	1000	SC1000/4000	4045	3720	320	3445	4320	765	620	2845	17	2	19	3100	500
M10101005000	~~6.290,00~~	4.950,00	1000	SC1000/5000	5045	4720	320	3445	4320	850	620	2845	18	2	24	3850	630
M10101006000	~~6.628,00~~	5.000,00	1000	SC1000/6000	6045	5720	320	3445	4320	950	620	2845	19	2	28	4600	680

Tractel

NEW

C-HOOKS FOR REELS

Hooks for lifting and/or tilting from a horizontal and vertical position and vice versa

Features:
- Equipped with a grip handle
- Equipped with tilt locking system for safe transport

Advantages:
- Ideal solution for the safe handling of reels
- Durable and long-lasting equipment

Included:
- Use and maintenance manual

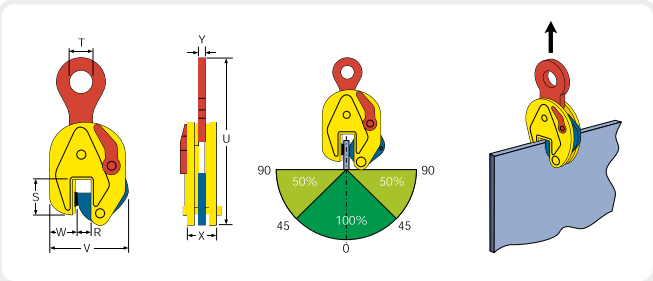
CODE	Price List	HT	Model	Load capacity kg	Reel width mm	Ø reel ring mm	Weight kg
M70590500	~~1.050,00~~	699,00	GC 05	500	50-120	400	5,5
M70591000	~~1.180,00~~	799,00	GC 1	1000	70-140	450	9
M70592000	~~1.790,00~~	1.199,00	GC 2	2000	100-200	500	16

NET PRICES VALID UNTIL 31.01.24 (VAT EXCLUDED)

VERTICAL LIFTING CLAMPS

Lifting clamps for handling sheet metal.

Features:
- Joint lifting arm with articulation
- Body and components made of high quality steel
- The extent and thickness of the lifting capacity and jaw openings engraved on the body
- Minimum lifting weight > 10% of the maximum capacity
- Suitable for vertical ifting and transport of sheet metal and steel structures in all horizontal, vertical and lateral postitions



Advantages:
- The security mechanism ensures that it never releases the load when lifting or during transportation

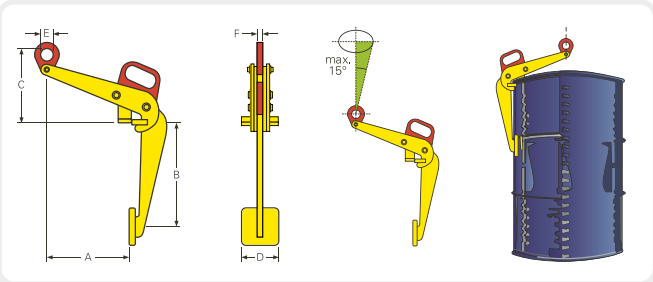
Included:
- Use and maintenance manual

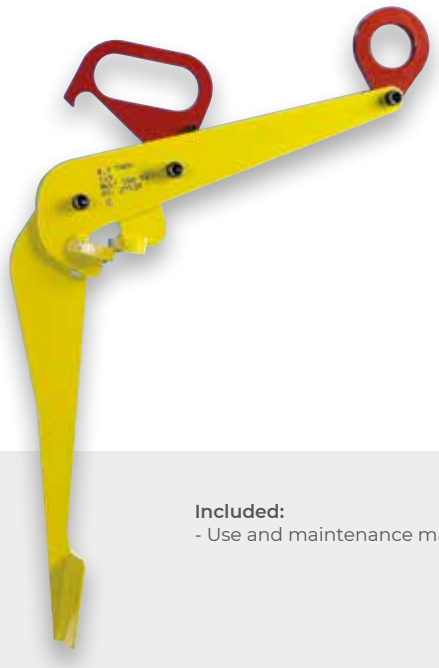
CODE	Price List	HT	Model	Load capacity kg	Opening mm	S mm	T mm	U mm	V mm	W mm	X mm	Y mm	Weight kg
M7010750	~~299,00~~	209,00	0.75 TS	750	0 - 13	47	30	202	100	37	37	10	1,7
M70101000	~~367,00~~	256,00	1 TSE	1.000	0 - 25	56	45	263	141	37	47	15	3,5
M70102000	~~412,00~~	288,00	2 TSE	2.000	0 - 35	78	64	336	183	56	56	16	7
M70104500	~~564,00~~	394,00	4.5 TSE	4.500	0 - 45	85	70	425	228	60	78	20	16

DRUMS LIFTING CLAMPS

Drum lifting clamps for transportation of the drums.

Features:
- Body and components made of high quality steel
- The extent, thickness of the lifting capacity and the jaw opening is engraved on the body
- Minimum lifting weight > 10% of the maximum capacity
- Suitable for vertical lifting and transport in complete safety of even full drums





Included:
- Use and maintenance manual

CODE	Price List	HT	Model	Load capacity kg	Opening mm	A mm	B mm	C max mm	D mm	E mm	F mm	Weight kg
M7055600	~~296,00~~	210,00	TVKH	600	0 - 25	305	434	331	100	50	10	7

B·HANDLING 3

Handling system

They use neodymium a material three times better than ferromagnete

- The V-Shaped plate make them fit to handle both flat (also narrow profile plates and bars) and round shape items (tubes and rods)

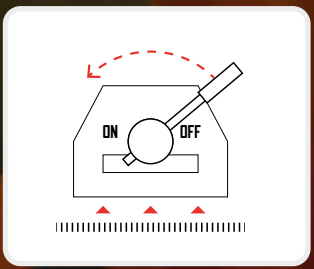
- Stop block treated with manganese phosphate coating

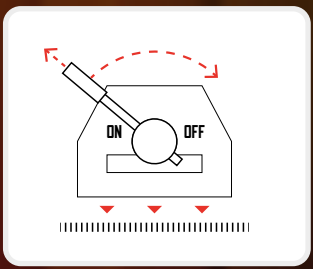
- Tested capacity of lifting 3 times more than nominal

- Actuation lever of the magnetic field with safety device to prevent improper or accidental disconnections

- ***Very light, compact and easy to use***
- ***The magnetic power remains absolutely unchanged overtime***
- ***Elimination of the risk of damaging the load with other chains or slings***
- ***Often a single operator is sufficient to lift and move heavy or bulky loads***
- ***Lower lifting and handling times thanks to the immediate seizure of the cargo by the magnet***

HOW DOES IT WORK





LIFTING MAGNETS - NEO

CODE	Price List	HT	Model	Lifting pow. plate surf. kg	Lifting pow. round surf. kg	Ø min sollevabile mm	Ø max sollevabile mm	Eyebolt height mm	Length x width mm	Weight kg
M8020125	~~515,00~~	330,00	NEO 125	125	40	50	100	110	93 x 60	3
M8020250	~~733,00~~	460,00	NEO 250	250	125	60	200	164	152 x 100	10
M8020500	~~1.094,00~~	680,00	NEO 500	500	250	65	270	164	246 x 120	20
M80201000	~~1.928,00~~	1.200,00	NEO 1000	1000	500	100	300	216	305 x 140	40
M80202000	~~3.670,00~~	2.300,00	NEO 2000	2000	1000	150	350	251	480 x 165	90

B·HANDLING 3

MAX LOAD CAPACITY ACCORDING TO TYPE OF SURFACE AND SINGLE PIECE DIMENSIONS

M8020125

Nominal workload:			
- for plates (kg)	**125**	**Weight (kg)**	**3**
- for round (kg)	**40**	Length (mm)	93
- Ø min/max (mm)	50/100	Width (mm)	60
Testload (kg)*	400	Crown height (mm)	110

Plate Thickness (S) (mm)	Clean and Smooth plane surface Δ < 0,1 mm		Rusty and hot rolled surface Δ < 0,1 ÷ 0,3 mm		Irregular and rough surface Δ < 0,3 ÷ 0,5 mm	
	L x W max (mm)	Workload (kg)	L x W max (mm)	Workload (kg)	L x W max (mm)	Workload max (kg)
≥ 25	-	125	-	75	-	60
15	1900 x 500	115	1100 x 500	70	900 x 500	55
10	2300 x 500	110	1500 x 500	65	1200 x 500	50
4	2500 x 500	45	2300 x 500	40	1700 x 500	30
2	1500 x 500	15	1300 x 500	13	1200 x 500	12
Tubes ø (mm) 50-100	2500	40	1700	28	1500	24

NB: Plates L and W must be at least 200 x 200 mm
* Tested with a mild steel plate, rectified, 50mm

M8020250

Nominal workload:			
- for plates (kg)	**250**	**Weight (kg)**	**10**
- for round (kg)	**125**	Length (mm)	152
- Ø min/max (mm)	60/200	Width (mm)	100
Testload (kg)*	800	Crown height (mm)	164

Plate Thickness (S) (mm)	Clean and Smooth plane surface Δ < 0,1 mm		Rusty and hot rolled surface Δ < 0,1 ÷ 0,3 mm		Irregular and rough surface Δ < 0,3 ÷ 0,5 mm	
	L x W max (mm)	Workload (kg)	L x W max (mm)	Workload (kg)	L x W max (mm)	Workload max (kg)
≥ 30	-	250	-	170	-	105
15	1750 x 1000	205	1250 x 1000	150	1000 x 800	90
10	2200 x 1000	170	1650 x 1000	130	1100 x 1000	85
6	2100 x 1000	100	1650 x 1000	80	1300 x 1000	60
4	1600 x 1000	50	1400 x 1000	45	1150 x 1000	36
Tubes ø (mm) 60-200	3500	125	3000	100	2500	70

NB: Plates L and W must be at least 300 x 300 mm
* Tested with a mild steel plate, rectified, 50mm

M8020500

Nominal workload:			
- for plates (kg)	**500**	**Weight (kg)**	**20**
- superfici tonde (kg)	**250**	Length (mm)	246
- Ø min/max (mm)	65/270	Width (mm)	120
Testload (kg)*	1600	Crown height (mm)	164

Plate Thickness (S) (mm)	Clean and Smooth plane surface Δ < 0,1 mm		Rusty and hot rolled surface Δ < 0,1 ÷ 0,3 mm		Irregular and rough surface Δ < 0,3 ÷ 0,5 mm	
	L x W max (mm)	Workload (kg)	L x W max (mm)	Workload (kg)	L x W max (mm)	Workload max (kg)
≥ 40	-	500	-	380	-	225
20	1800 x 1500	425	1650 x 1250	320	1400 x 1000	220
15	2250 x 1500	400	2050 x 1250	300	1750 x 1000	205
10	2500 x 1500	270	2350 x 1250	200	2150 x 1000	165
8	2300 x 1500	195	2250 x 1250	160	2150 x 1000	125
6	2000 x 1500	125	2000 x 1250	100	2000 x 1000	80
Tubes ø (mm) 65-270	4000	250	3500	200	3000	150

NB: Plates L and W must be at least 400 x 400 mm
* Tested with a mild steel plate, rectified, 50mm

M80201000

Nominal workload:			
- for plates (kg)	**1000**	**Weight (kg)**	**40**
- for round (kg)	**500**	Length (mm)	305
- Ø min/max (mm)	100/300	Width (mm)	140
Testload (kg)*	3200	Crown height (mm)	216

Plate Thickness (S) (mm)	Clean and Smooth plane surface Δ < 0,1 mm		Rusty and hot rolled surface Δ < 0,1 ÷ 0,3 mm		Irregular and rough surface Δ < 0,3 ÷ 0,5 mm	
	L x W max (mm)	Workload (kg)	L x W max (mm)	Workload (kg)	L x W max (mm)	Workload max (kg)
≥ 60	-	1000	-	845	-	650
50	250 x 1500	860	2000 x 1500	730	1900 x 1250	565
30	2850 x 1500	830	2400 x 1500	705	2250 x 1250	550
20	3200 x 1500	745	2750 x 1500	640	2600 x 1250	510
15	3300 x 1500	500	2900 x 1500	445	2800 x 1250	380
10	2750 x 1500	265	2550 x 1500	240	2650 x 1250	200
Tubes ø (mm) 100-300	4500	500	4000	400	3500	300

NB: Plates L and W must be at least 500 x 500 mm
* Tested with a mild steel plate, rectified, 50mm

M80202000

Nominal workload:			
- for plates (kg)	**2000**	**Weight (kg)**	**90**
- for round (kg)	**1000**	Length (mm)	480
- Ø min/max (mm)	150/350	Width (mm)	165
Testload (kg)*	6000	Crown height (mm)	251

Plate Thickness (S) (mm)	Clean and Smooth plane surface Δ < 0,1 mm		Rusty and hot rolled surface Δ < 0,1 ÷ 0,3 mm		Irregular and rough surface Δ < 0,3 ÷ 0,5 mm	
	L x W max (mm)	Workload (kg)	L x W max (mm)	Workload (kg)	L x W max (mm)	Workload max (kg)
≥ 80	-	2000	-	1650	-	1300
50	3250 x 1500	1950	2500 x1500	1600	2000 x 1500	1250
30	3500 x 1500	1350	3000 x 1500	1150	2000 x 1500	1000
20	3500 x 2000	1100	3000 x 2000	1000	2000 x 2000	900
15	3000 x 1500	650	3000 x 1500	600	2000 x 1500	550
Tubes ø (mm) 150-350	5000	1000	4500	900	4000	800

NB: Plates L and W must be at least 800 x 800 mm

* Tested with a mild steel plate, rectified, 50mm

B·HANDLING 3

HAND PALLET TRUCKS

Features::
- Sturdy painted steel structure
- Switch lever featuring good ergonomic grip for easy operation
- 3-position control: down - neutral - up
- Cast iron wheels, thermoplastic polymer coating

Supplied with:
- Instruction manual of use and maintenance
- Handlebar is delivered as not assembled

€ 365,00
M90102500

Load capacity kg	2500
Fork Dimension mm	1150 x 540
Total length mm	1550
Lift h mm	85 - 200
Steering angle	220°
Total height mm	1230
Rolls dimensions mm	82 x 70 double
Weight kg	72

PRAMAC GROUP

ELECTRIC PALLET TRUCKS EX15L

Pallet trucks with electric traction and lifting, the ideal solution for light logistics operations

- Easy to use, compact dimensions and low weight
- Powerful removable lithium battery
- Emergency button and electric brake as standard
- Easy and fast handling of pallets
- Fast recharging thanks to the removable and replaceable lithium battery

€ 2.349,00
M91221500

Model	EX15L
Load capacity kg	1500
Fork Dimension (mm)	1150-560
Lift height (mm)	115
Translation speed (Km/h)	4,5
Weight kg	120

NET PRICES VALID UNTIL 31.01.24 (VAT EXCLUDED)

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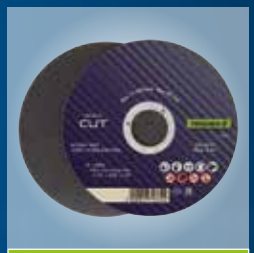

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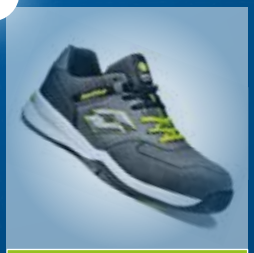

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A+B

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