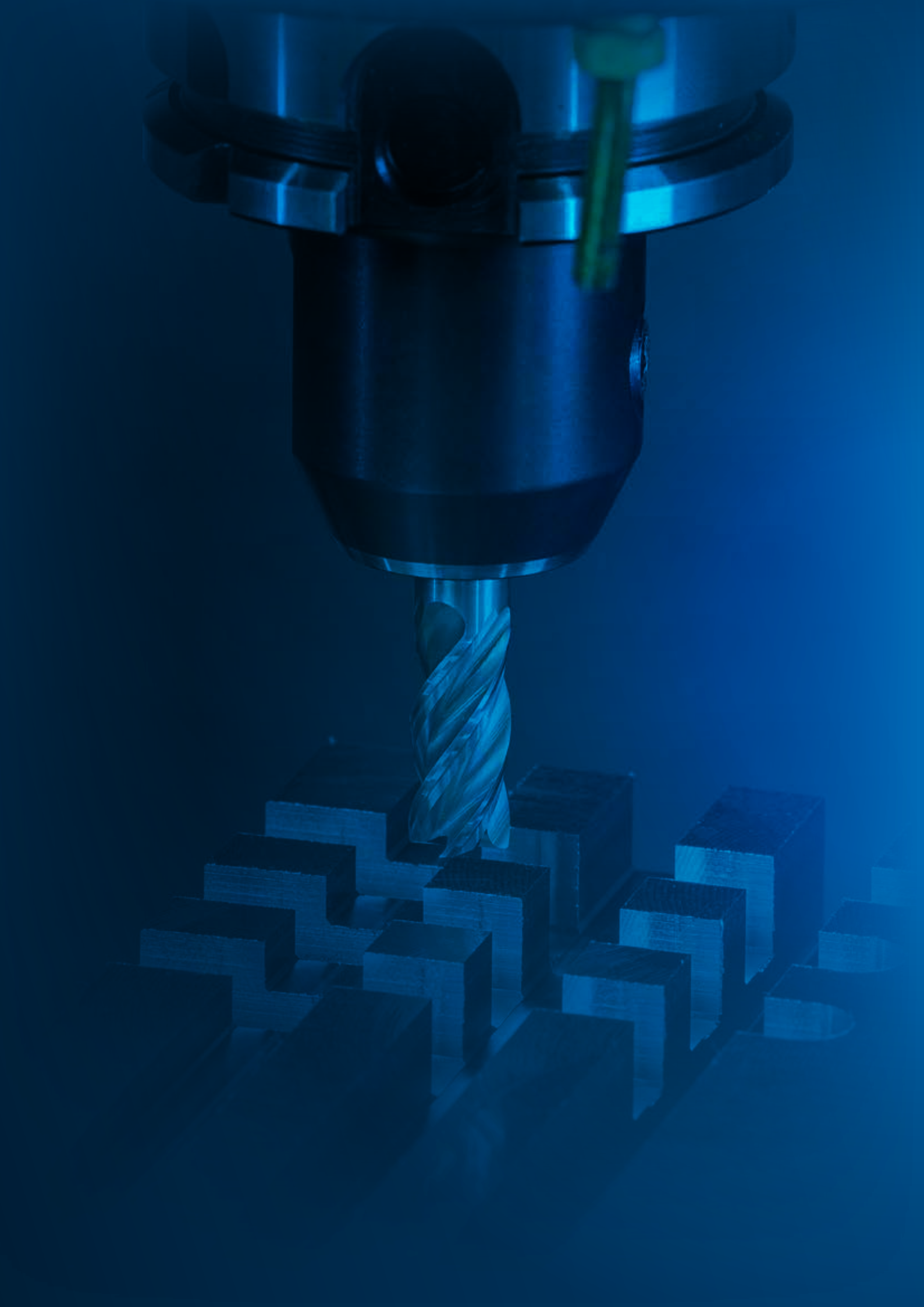


TECHNOLOGY

NET PRICES VALID UNTIL 31.01.2025 (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.



Worldwide we serve more than 15.000 customers.



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.



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.



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

32
LUBRICANTS



42
MRO

04
PRECISION
TOOLING



in 3 m
everything



60
HANDLING



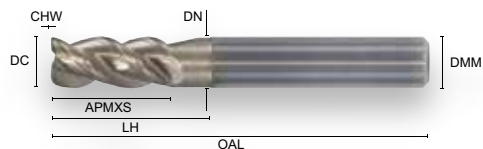
26
METROLOGY

eters
you need

PRECISION TOOLING



END MILLS WITH VARIABLE HELIX Z3



TOOL TYPE N	TOOL DESIGN HPC	TOOL DESIGN MTC	INDEX ≠	ANGLES $\lambda = 43^{\circ}45'$ $\gamma = 12^{\circ}$	ZEPP 	DIRECTIONS 	SHANK DIN 6535 HB DIN 6535 HA	CORNER 	COATING PLATEX	STANDARD 
SLOTING 	SIDE MILLING 	RAMPING 	PLUNGING 	HELICAL INT. 						

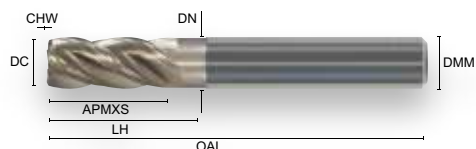
P
M
K
N
S
H
O

CODE	Price List	HT	DC f8 mm	APMXS mm	DN mm	LH mm	OAL mm	DMM h5 mm	CHW mm	ZEFP
A4U3902	44,40	28,00	2	5	1,92	10	57	6	0,1	3
A4U3903	44,40	28,00	3	8	2,9	15	57	6	0,1	3
A4U3904	44,40	28,00	4	11	3,9	16	57	6	0,1	3
A4U3905	44,40	28,00	5	13	4,9	19	57	6	0,1	3
A4U3906	46,69	29,00	6	13	5,9	19	57	6	0,1	3
A4U3907	53,44	33,00	7	19	6,8	25	63	8	0,2	3
A4U3908	53,44	33,00	8	19	7,8	25	63	8	0,2	3
A4U3910	88,36	55,00	10	22	9,7	30	72	10	0,2	3
A4U3912	123,29	76,00	12	26	11,7	36	83	12	0,2	3
A4U3914	162,69	101,00	14	26	13,7	36	83	14	0,2	3
A4U3916	246,26	153,00	16	32	15,5	42	92	16	0,2	3

* For the same price, cutters are also available with Weldon shank from DMM ≥ 6 mm

KERFOLG

END MILLS WITH VARIABLE PITCH Z4

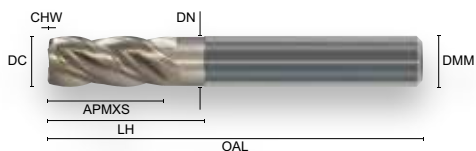


CODE	Price List	HT	DC f8 mm	APMXS mm	DN mm	LH mm	OAL mm	DMM h5 mm	CHW mm	ZEFP
A4U4003	39,22	24,00	3	8			57	6	0,1	4
A4U4004	39,22	24,00	4	11	3,9	12	57	6	0,1	4
A4U4005	39,22	24,00	5	13	4,9	18	57	6	0,1	4
A4U4006	39,22	24,00	6	13	5,9	18	57	6	0,1	4
A4U4008	47,55	29,00	8	21	7,8	25	63	8	0,2	4
A4U4009	65,56	41,00	9	22	8,7	30	72	10	0,2	4
A4U4010	74,67	44,00	10	22	9,7	30	72	10	0,2	4
A4U4012	97,22	60,00	12	26	11,7	36	83	12	0,3	4
A4U4014	127,59	79,00	14	26	13,7	36	83	14	0,3	4
A4U4016	185,95	115,00	16	36	15,5	42	92	16	0,3	4
A4U4020	267,82	166,00	20	41	19,5	52	103	20	0,3	4

* For the same price, cutters are also available with Weldon shank from DMM ≥ 6 mm

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END MILLS WITH VARIABLE HELIX Z4



Technical drawing of a lathe tool with the following specifications:

- TOOL TYPE:** N
- TOOL DESIGN:** HPC
- INDEX:** ≠
- ANGLES:** $\alpha = 37^\circ 29'$, $\gamma = 12^\circ$
- ZFP:** (Symbol for tool point)
- DIRECTIONS:** (Symbol for cutting direction)
- SHANK:** DIN 6335 100, DIN 6335 HA
- CORNER:** (Symbol for corner radius)
- COATING:** PLATEX
- STANDARD:** (Symbol for standard)
- SLOTING:** (Symbol for slotting)
- SIDE MILLING:** (Symbol for side milling)
- RAMPING:** (Symbol for ramping)
- PLUNGING:** (Symbol for plunging)
- HELICAL INT.:** (Symbol for helical interpolation)

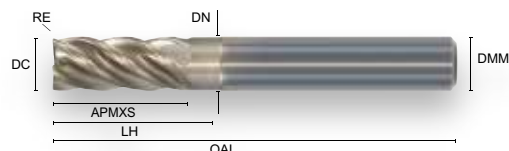
Below the drawing are six colored circles with letters: P (blue), M (yellow), K (red), N (grey), S (orange), and H (grey). A larger grey circle with the letter O is also present.

CODE	Price List	HT	DC f8 mm	APMXS mm	DN mm	LH mm	OAL mm	DMM h5 mm	CHW mm	ZEFP
A4U4704	53,92	33,00	4	11	3,9	12	57	6	0,1	4
A4U4705	54,09	34,00	5	13	4,9	18	57	6	0,1	4
A4U4706	56,38	35,00	6	13	5,9	18	57	6	0,1	4
A4U4708	68,05	42,00	8	21	7,8	25	63	8	0,2	4
A4U4710	98,88	56,00	10	22	9,7	30	72	10	0,2	4
A4U4712	116,00	72,00	12	26	11,7	36	83	12	0,3	4
A4U4714	139,88	87,00	14	26	13,7	36	83	14	0,3	4
A4U4716	204,00	126,00	16	36	15,5	42	92	16	0,3	4
A4U4720	322,32	200,00	20	41	19,5	52	103	20	0,3	4

* For the same price, cutters are also available with Weldon shank from DMM ≥ 6 mm

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END MILLS WITH VARIABLE PITCH Z5



The diagram illustrates the setup of a lathe tool post, showing various tool types and their corresponding tool designs, index, angles, and standards.

TOOL TYPE	TOOL DESIGN	TOOL DESIGN	INDEX	ANGLES	ZEEP	DIRECTIONS	SHANK	CORNER	COATING	STANDARD
N	HPC	MTC	≠	λs= 35°/98° γs= 13°			DIN 6336 HB DIN 6336 HA		PLATEX	
SLOTING	SIDE MILLING	RAMPING	PLUNGING	HELICAL INT.						

Below the table, there are six colored circles representing different tool types: P (blue), M (yellow), K (red), N (grey), S (orange), and H (grey). The S circle is highlighted with a red border.

CODE	Price List	HT	DC f8 mm	RE mm	APMXS mm	DN mm	LH mm	OAL mm	DMM h5 mm	ZEFP
A4U5706	48,24	30,00	6	0,1	13	5,9	18	57	6	5
A4U5708	66,90	41,00	8	0,2	21	7,8	25	64	8	5
A4U5710	88,39	55,00	10	0,2	22	9,7	30	72	10	5
A4U5712	107,46	67,00	12	0,5	26	11,7	36	83	12	5
A4U5716	236,23	148,00	16	0,5	36	15,5	42	92	16	5
A4U5720	341,57	212,00	20	0,5	41	19,5	52	104	20	5

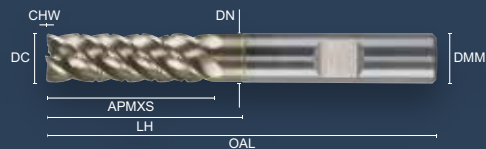
* For the same price, cutters are also available with Weldon shank from DMM ≥ 6 mm

- + 5-edge roughing cutters HDM
- + Solid carbide end mills for universal machining
- + HPC HDM tools with special cutting edge preparation
- + Rounded evacuation compartment design
- + Polished cutting edges and first rake angle
- + Specific coating for HPC PLATEX
- + Special design in the core, rounded and double compartment
- + Special chipbreaker 0.6xD
- + Specific geometry for HDM milling



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5-EDGE ROUGHING CUTTERS HDM - 3xD

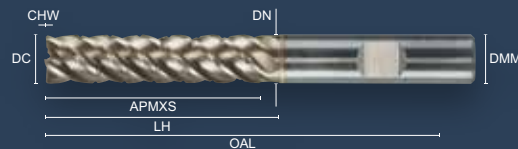


TOOL TYPE	TOOL DESIGN	TOOL DESIGN	INDEX	ANGLES	ZEFP	DIRECTIONS	SHANK	CORNER	COATING	STANDARD
N	HDM	HPC	≠	λs= 39°/45° γs= 10°			DIN 6335 HB		PLATEX	
TROCHOIDAL	SIDE MILLING	HELICAL INT.								

CODE	Price List	HT	DC f8 mm	APMXS mm	DN mm	LH mm	OAL mm	DMM h5 mm	CHW mm	ZEFP
A4U6506W	56,83	35,00	6	19	5,9	24	62	6	0,1	5
A4U6508W	77,90	48,00	8	25	7,8	30	68	8	0,2	5
A4U6510W	102,85	64,00	10	31	9,8	38	80	10	0,2	5
A4U6512W	147,13	91,00	12	37	11,7	47	93	12	0,3	5
A4U6516W	262,63	163,00	16	49	15,5	58	108	16	0,3	5
A4U6520W	354,75	220,00	20	61	19,5	74	126	20	0,3	5

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5-EDGE ROUGHING CUTTERS HDM - 4xD

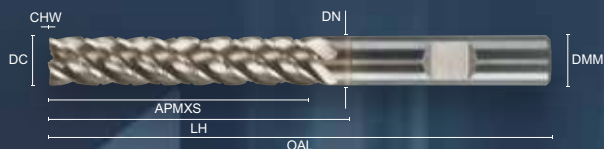


TOOL TYPE	TOOL DESIGN	TOOL DESIGN	INDEX	ANGLES	ZEFP	DIRECTIONS	SHANK	CORNER	COATING	LONG
N	HDM	HPC	≠	λs= 39°/45° γs= 10°			DIN 6335 HB		PLATEX	
TROCHOIDAL	SIDE MILLING	HELICAL INT.								

CODE	Price List	HT	DC f8 mm	APMXS mm	DN mm	LH mm	OAL mm	DMM h5 mm	CHW mm	ZEFP
A4U6606W	58,93	36,00	6	26	5,9	35	70	6	0,1	5
A4U6608W	77,90	48,00	8	34	7,8	45	80	8	0,2	5
A4U6610W	112,75	70,00	10	42	9,8	55	90	10	0,2	5
A4U6612W	152,63	95,00	12	52	11,7	56	103	12	0,3	5
A4U6616W	303,88	188,00	16	66	15,5	75	125	16	0,3	5
A4U6620W	444,13	275,00	20	82	19,5	90	140	20	0,3	5

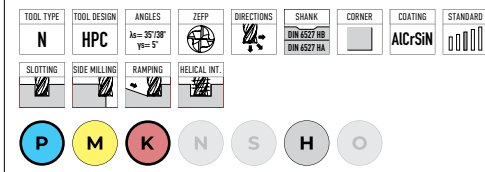
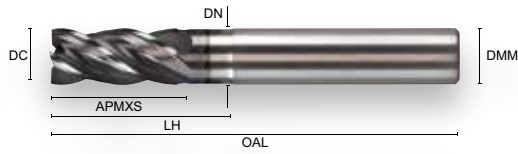
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5-EDGE ROUGHING CUTTERS HDM - 5xD



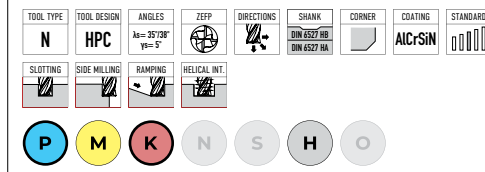
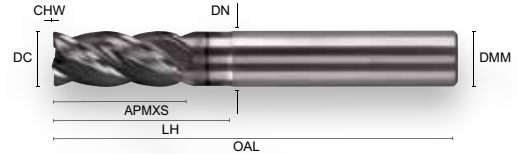
TOOL TYPE	TOOL DESIGN	TOOL DESIGN	INDEX	ANGLES	ZEFP	DIRECTIONS	SHANK	CORNER	COATING	EXTRA LONG
N	HDM	HPC	≠	λs= 39°/45° γs= 10°			DIN 6335 HB		PLATEX	
TROCHOIDAL	SIDE MILLING	HELICAL INT.								

CODE	Price List	HT	DC f8 mm	APMXS mm	OAL mm	DMM h5 mm	CHW mm	ZEFP
A4U6706W	60,50	38,00	6	32	70	6	0,1	5
A4U6708W	81,13	50,00	8	42	80	8	0,2	5
A4U6710W	127,88	79,00	10	52	100	10	0,2	5
A4U6712W	178,75	111,00	12	62	116	12	0,3	5
A4U6716W	345,49	214,00	16	82	140	16	0,3	5
A4U6720W	467,50	290,00	20	108	164	20	0,3	5



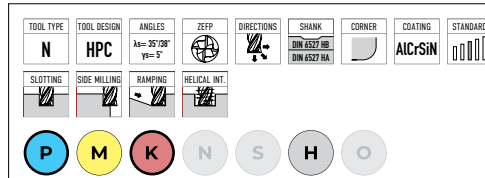
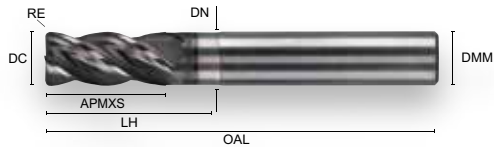
CODE	Price List	HT	DC mm	APMXS mm	DN mm	LH mm	OAL mm	DMM h6 mm	ZEFP
A4S4303	21,42	13,30	3	8	2,8	12	57	6	4
A4S4304	21,42	13,30	4	11	3,8	15	57	6	4
A4S4305	21,42	13,30	5	13	4,8	17	57	6	4
A4S4306	21,42	13,30	6	13	5,8	21	57	6	4
A4S4308	31,83	19,70	8	19	7,7	27	63	8	4
A4S4310	46,18	30,00	10	22	9,7	32	72	10	4
A4S4312	67,16	42,00	12	26	11,6	38	83	12	4
A4S4316	134,35	83,00	16	32	15,5	44	92	16	4
A4S4320	176,43	109,00	20	38	19,5	54	104	20	4

* For the same price, cutters are also available with Weldon shank from DMM ≥ 6 mm



CODE	Price List	HT	DC mm	APMXS mm	DN mm	LH mm	OAL mm	DMM h6 mm	CHW mm	ZEFP
A4S5303	21,75	13,50	3	8	2,8	12	57	6	0,15	4
A4S5304	21,75	13,50	4	11	3,8	15	57	6	0,15	4
A4S5305	21,75	13,50	5	13	4,8	17	57	6	0,15	4
A4S5306	21,75	13,50	6	13	5,8	21	57	6	0,2	4
A4S5308	32,45	20,10	8	19	7,7	27	63	8	0,2	4
A4S5310	58,43	31,00	10	22	9,7	32	72	10	0,3	4
A4S5312	67,57	42,00	12	26	11,6	38	83	12	0,3	4
A4S5316	146,84	72,00	16	32	15,5	44	92	16	0,3	4

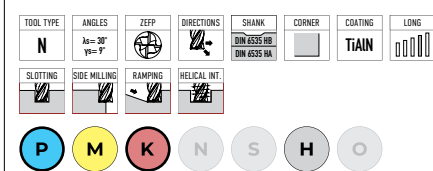
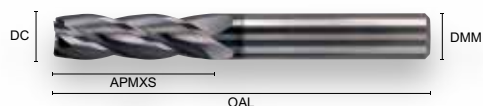
* For the same price, cutters are also available with Weldon shank from DMM ≥ 6 mm



CODE	Price List	HT	DC mm	RE mm	APMXS mm	DN mm	LH mm	OAL mm	DMM h6 mm	ZEFP
A4S160403	36,66	19,00	4	0,3	11	3,8	15	57	6	4
A4S160405	29,77	18,50	4	0,5	11	3,8	15	57	6	4
A4S160503	36,66	19,00	5	0,3	13	4,8	17	57	6	4
A4S160505	36,66	19,00	5	0,5	13	4,8	17	57	6	4
A4S160605	29,77	18,50	6	0,5	13	5,8	21	57	6	4
A4S160610	29,77	18,50	6	1	13	5,8	21	57	6	4
A4S160805	36,63	25,00	8	0,5	19	7,7	27	63	8	4
A4S160810	36,63	25,00	8	1	19	7,7	27	63	8	4
A4S161005	56,65	35,00	10	0,5	22	9,7	32	72	10	4
A4S161010	56,65	35,00	10	1	22	9,7	32	72	10	4
A4S161020	59,69	37,00	10	2	22	9,7	32	72	10	4
A4S161205	70,35	44,00	12	0,5	26	11,6	38	83	12	4
A4S161210	70,35	44,00	12	1	26	11,6	38	83	12	4
A4S161220	72,46	45,00	12	2	26	11,6	38	83	12	4

* For the same price, cutters are also available with Weldon shank from DMM ≥ 6 mm

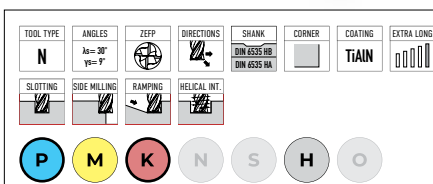
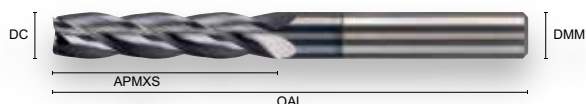
END MILLS EXTRALONG SERIES Z4



CODE	Price List	HT	DC h10 mm	APMXS mm	OAL mm	DMM h6 mm	ZEFP
A4S4804060	36,50	23,00	4	20	60	4	4
A4S4805060	41,02	26,00	5	20	60	5	4
A4S4806065	44,75	28,00	6	24	65	6	4
A4S4808080	65,03	41,00	8	32	80	8	4
A4S4810080	83,96	52,00	10	32	80	10	4
A4S4812100	125,65	78,00	12	50	100	12	4
A4S4816120	247,00	135,00	16	60	120	16	4
A4S4820130	346,84	215,00	20	60	130	20	4

* For the same price, cutters are also available with Weldon shank from DMM ≥ 6 mm

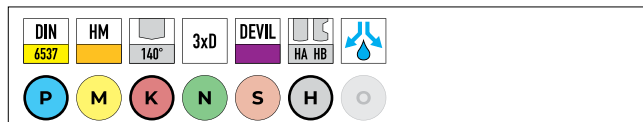
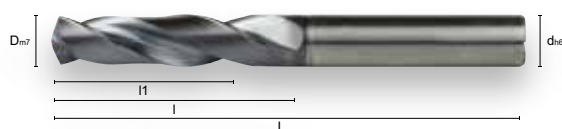
END MILLS LONG SERIES Z4



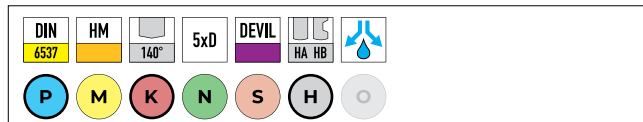
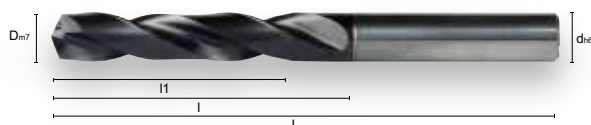
CODE	Price List	HT	DC h10 mm	APMXS mm	OAL mm	DMM h6 mm	ZEFP
A4S4906080	59,40	37,00	6	40	80	6	4
A4S4908100	83,96	52,00	8	42	100	8	4
A4S4910100	100,95	63,00	10	45	100	10	4
A4S4912150	246,42	133,00	12	75	150	12	4
A4S4916150	276,68	172,00	16	75	150	16	4
A4S4920150	427,02	265,00	20	75	150	20	4

* For the same price, cutters are also available with Weldon shank from DMM ≥ 6 mm





CODE	Price List	HT	D	l1	l	L	d	CODE	Price List	HT	D	l1	l	L	d	CODE	Price List	HT	D	l1	l	L	d	CODE	Price List	HT	D	l1	l	L	d
A00203	55,98	35,00	3	14	20	62	6	A00205,1	68,42	36,00	5,1	20	28	66	6	A00207,4	79,47	49,00	7,4	29	41	79	8	A002010	89,6	56,00	10	35	47	89	10
A00203,1	55,98	35,00	3,1	14	20	62	6	A00205,2	68,42	36,00	5,2	20	28	66	6	A00207,5	79,47	49,00	7,5	29	41	79	8	A002010,2	127,98	79,00	10,2	40	55	102	12
A00203,2	55,98	35,00	3,2	14	20	62	6	A00205,3	68,42	36,00	5,3	20	28	66	6	A00207,7	79,47	49,00	7,7	29	41	79	8	A002010,5	127,98	79,00	10,5	40	55	102	12
A00203,3	55,98	35,00	3,3	14	20	62	6	A00205,5	68,42	36,00	5,5	20	28	66	6	A00207,8	79,47	49,00	7,8	29	41	79	8	A002010,8	127,98	79,00	10,8	40	55	102	12
A00203,4	55,98	35,00	3,4	14	20	62	6	A00205,6	68,37	37,00	5,6	20	28	66	6	A00207,9	79,47	49,00	7,9	29	41	79	8	A002011	127,98	79,00	11	40	55	102	12
A00203,5	55,98	35,00	3,5	14	20	62	6	A00205,7	86,84	54,00	5,7	20	28	66	6	A00208	79,47	49,00	8	29	41	79	8	A002011,2	127,98	79,00	11,2	40	55	102	12
A00203,7	55,98	35,00	3,7	14	20	62	6	A00205,8	68,37	37,00	5,8	20	28	66	6	A00208,1	89,6	56,00	8,1	35	47	89	10	A002011,5	127,98	79,00	11,5	40	55	102	12
A00203,8	55,98	35,00	3,8	17	24	66	6	A00205,9	68,37	37,00	5,9	20	28	66	6	A00208,2	89,6	56,00	8,2	35	47	89	10	A002011,8	127,98	79,00	11,8	40	55	102	12
A00203,9	55,98	35,00	3,9	17	24	66	6	A00206	58,42	36,00	6	20	28	66	6	A00208,3	89,6	56,00	8,3	35	47	89	10	A002012	127,98	79,00	12	40	55	102	12
A00204	68,42	36,00	4	17	24	66	6	A00206,1	79,47	49,00	6,1	24	34	79	8	A00208,4	89,6	56,00	8,4	35	47	89	10	A002012,2	266,49	165,00	12,2	43	60	107	14
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A00204,2	68,42	36,00	4,2	17	24	66	6	A00206,3	79,47	49,00	6,3	24	34	79	8	A00208,6	89,6	56,00	8,6	35	47	89	10	A002012,8	167	104,00	12,8	43	60	107	14
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A00204,7	68,37	37,00	4,7	17	24	66	6	A00207	79,47	49,00	7	24	34	79	8	A00209,3	89,6	56,00	9,3	35	47	89	10	A002014,5	188,28	117,00	14,5	43	60	107	14
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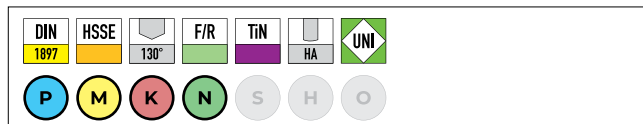
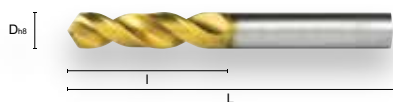


CODE	Price List	HT	D	I	I	L	d	CODE	Price List	HT	D	I	I	L	d	CODE	Price List	HT	D	I	I	L	d	CODE	Price List	HT	D	I	I	L	d
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A00401,1	64,79	40,00	1,1	6	7,5	45	4	A00404,2	88,33	50,00	4,2	29	36	74	6	A00407,4	88,24	55,00	7,4	43	53	91	8	A004011,2	148,67	92,00	11,2	56	71	118	12
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A00401,3	64,79	40,00	1,3	7	9	45	4	A00404,4	88,33	50,00	4,4	29	36	74	6	A00407,6	88,24	55,00	7,6	43	53	91	8	A004011,4	148,67	92,00	11,4	56	71	118	12
A00401,4	64,79	40,00	1,4	8	10	45	4	A00404,5	88,33	50,00	4,5	29	36	74	6	A00407,7	88,24	55,00	7,7	43	53	91	8	A004011,5	148,67	92,00	11,5	56	71	118	12
A00401,5	64,79	40,00	1,5	8	10,5	50	4	A00404,6	88,33	50,00	4,6	29	36	74	6	A00407,8	88,24	55,00	7,8	43	53	91	8	A004011,8	148,67	92,00	11,8	56	71	118	12
A00401,6	64,79	40,00	1,6	9	11	50	4	A00404,7	88,33	50,00	4,7	29	36	74	6	A00407,9	88,24	55,00	7,9	43	53	91	8	A004012	148,67	92,00	12	56	71	118	12
A00401,7	64,79	40,00	1,7	9	12	50	4	A00404,8	88,33	50,00	4,8	35	44	82	6	A00408	88,24	55,00	8	43	53	91	8	A004012,2	199,87	124,00	12,2	60	77	124	14
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A00403,1	74,66	46,00	3,1	23	28	66	6	A00406,3	88,24	55,00	6,3	43	53	82	8	A00409,5	102,25	63,00	9,5	49	61	103	10	A004016	239,67	143,00	16	63	83	133	16
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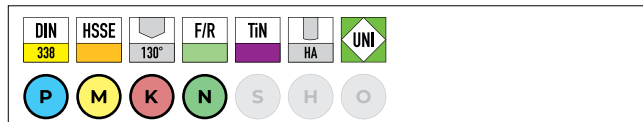
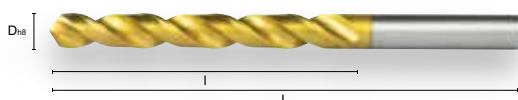


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6537						
P	M	K	N	S	H	O

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A00506	438,69	86,00	6	48	57	95	6
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A00506,7	472,72	107,00	6,7	64	76	114	8
A00506,8	472,72	107,00	6,8	64	76	114	8
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A00507,4	472,72	107,00	7,4	64	76	114	8
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A00508,5	244,79	131,00	8,5	80	95	142	10
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A005011	294,16	181,00	11	96	114	162	12
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A005012	294,16	181,00	12	96	114	162	12
A005012,5	435,93	270,00	12,5	112	133	178	14
A005013	435,93	270,00	13	112	133	178	14
A005013,5	435,93	270,00	13,5	112	133	178	14
A005014	435,93	270,00	14	112	133	178	14
A005014,5	574,63	356,00	14,5	128	152	203	16
A005015	574,63	356,00	15	128	152	203	16
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A005016	574,63	356,00	16	128	152	203	16



CODE	Price List	HT	D mm	I mm	L mm	CODE	Price List	HT	D mm	I mm	L mm	CODE	Price List	HT	D mm	I mm	L mm	CODE	Price List	HT	D mm	I mm	L mm
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A10401,2	9,79	6,10	1,2	8	30	A10403,8	40,62	6,60	3,8	22	55	A10406	43,30	8,30	6	28	66	A10409	24,90	15,50	9	40	84
A10401,4	9,12	5,70	1,4	9	32	A10404	40,24	6,30	4	22	55	A10406,1	45,30	9,50	6,1	31	70	A10409,5	27,72	17,20	9,5	40	84
A10401,5	9,12	5,70	1,5	9	32	A10404,1	44,46	7,10	4,1	22	55	A10406,2	45,30	9,50	6,2	31	70	A10409,8	32,99	20,50	9,8	43	89
A10402	7,73	4,80	2	12	38	A10404,2	40,24	6,30	4,2	22	55	A10406,3	46,15	10,00	6,3	31	70	A104010	27,06	16,80	10	43	89
A10402,2	9,39	5,80	2,2	13	40	A10404,3	44,59	7,20	4,3	24	58	A10406,5	45,60	9,70	6,5	31	70	A104010,2	34,24	21,20	10,2	43	89
A10402,4	9,53	5,90	2,4	14	43	A10404,5	44,46	7,10	4,5	24	58	A10406,7	47,26	10,70	6,7	31	70	A104010,5	32,59	20,20	10,5	43	89
A10402,5	8,42	5,20	2,5	14	43	A10404,6	44,46	7,10	4,6	24	58	A10406,8	49,19	11,90	6,8	34	74	A104011	36,10	22,40	11	47	95
A10402,6	9,79	6,10	2,6	14	43	A10404,7	42,30	7,60	4,7	24	58	A10407	46,90	10,50	7	34	74	A104011,5	41,67	25,80	11,5	47	95
A10402,8	9,67	6,00	2,8	16	46	A10404,8	42,56	7,80	4,8	26	62	A10407,5	47,94	11,00	7,5	34	74	A104012	40,46	25,10	12	51	102
A10402,9	9,67	6,00	2,9	16	46	A10405	44,47	6,90	5	26	62	A10407,7	42,94	14,20	7,7	37	79	A104012,3	44,73	27,70	12,3	51	102
A10403	8,69	5,40	3	16	46	A10405,1	44,07	7,40	5,1	26	62	A10407,8	42,94	14,20	7,8	37	79	A104012,5	44,73	27,70	12,5	51	102
A10403,1	9,12	5,70	3,1	18	49	A10405,2	43,26	8,20	5,2	26	62	A10408	20,97	13,00	8	37	79	A104013	44,73	27,70	13	51	102
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A10403,3	9,12	5,70	3,3	18	49	A10405,5	42,42	7,70	5,5	28	66	A10408,2	20,16	17,50	8,2	37	79	A104014	69,34	36,80	14	54	107
A10403,4	9,12	5,70	3,4	20	52	A10405,6	44,64	9,10	5,6	28	66	A10408,5	24,70	15,30	8,5	37	79						



CODE	Price List	HT	D mm	I mm	L mm	CODE	Price List	HT	D mm	I mm	L mm	CODE	Price List	HT	D mm	I mm	L mm	CODE	Price List	HT	D mm	I mm	L mm
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A12001,2	8,40	5,00	1,2	16	38	A12003,8	40,80	6,70	3,8	43	75	A12006,2	46,95	10,00	6,2	63	101	A12009,5	27,62	17,10	9,5	81	125
A12001,4	7,96	4,90	1,4	18	40	A12004	40,54	6,50	4	43	75	A12006,3	45,84	9,80	6,3	63	101	A12009,8	32,44	19,90	9,8	87	133
A12001,5	7,60	4,70	1,5	18	40	A12004,1	40,80	6,70	4,1	43	75	A12006,5	47,10	10,60	6,5	63	101	A120010	30,96	19,20	10	87	133
A12002	7,60	4,80	2	24	49	A12004,2	40,80	6,70	4,2	43	75	A12006,7	48,26	11,30	6,7	63	101	A120010,2	36,86	22,20	10,2	87	133
A12002,2	8,48	5,30	2,2	27	53	A12004,3	44,57	7,20	4,3	47	80	A12006,8	49,54	12,10	6,8	69	109	A120010,5	36,26	22,50	10,5	87	133
A12002,4	7,82	4,80	2,4	27	53	A12004,5	44,49	6,90	4,5	47	80	A12006,9	49,49	12,50	6,9	69	109	A120011	36,65	22,70	11	94	142
A12002,5	7,82	4,80	2,5	30	57	A12004,6	44,93	7,40	4,6	47	80	A12007	19,54	12,10	7	69	109	A120011,5	40,57	25,20	11,5	94	142
A12002,6	8,24	5,10	2,6	30	57	A12004,8	42,40	7,50	4,8	52	86	A12007,5	20,56	12,70	7,5	69	109	A120012	43,32	26,90	12	101	151
A12002,8	8,64	5,30	2,8	33	61	A12005	44,93	7,40	5	52	86	A12007,7	24,44	15,10	7,7	75	117	A120012,5	45,40	28,00	12,5	101	151
A12002,9	9,53	5,90	2,9	33	61	A12005,1	42,22	7,60	5,1	52	86	A12007,8	24,44	15,10	7,8	75	117	A120013	47,87	29,70	13	101	151
A12003	8,34	5,20	3	33	61	A12005,2	42,22	7,60	5,2	52	86	A12008	23,26	14,40	8	75	117	A120013,5	55,54	34,40	13,5	108	160
A12003,1	9,53	5,90	3,1	36	65	A12005,3	43,62	8,40	5,3	52	86	A12008,2	25,17	15,60	8,2	75	117	A120014	68,07	36,00	14	108	160
A12003,2	9,26	5,70	3,2	36	65	A12005,5	44,26	8,80	5,5	57	93	A12008,5	23,77	14,70	8,5	75	117						
A12003,3	9,38	5,80	3,3	36	65	A12005,6	45,03	9,30	5,6	57	93	A12008,8	27,80	17,30	8,8	81	125						
A12003,4	40,16	6,30	3,4	39	70	A12005,8	45,03	9,30	5,8	57	93	A12009	26,35	16,30	9	81	125						



DIN	HSS	118°	N/R	TiN
338				



CODE	Price List	HT	Description	Pieces
A1181SET110	484,99	72,00	Drill set Item A1180 from 1.00 to 10.00 x 0.5	19
A1181SET113	873,99	149,00	Drill set Item A1180 from 1.00 to 13.00 x 0.5	25



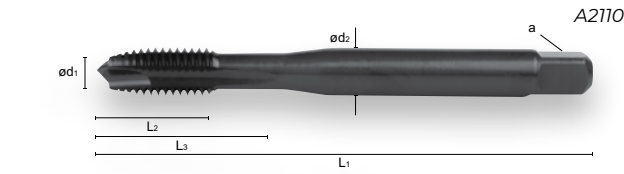
DIN	HSS	TiN
335 C		



CODE	Price List	HT	Description
A6158SET	287,53	187,00	Assortment 5 countersinks variable pitch Ø 6,3 - 10,4 - 16,5 - 20,5 - 25

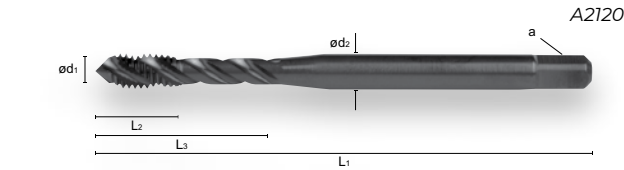


STANDARD TAPS



DIN13	TOLERANCE	MATERIAL	SHANK	HOLE TYPE	COATING
M	ISO 2 6H	HSSE	DIN 371 DIN 376		VAP
TOOL TYPE	CHAMFER	FLUTES	GEOMETRY	DEPTH	ROTATION
Cutting	B 4/5	Straight	Spiral pointed	< 2.5x0	RH

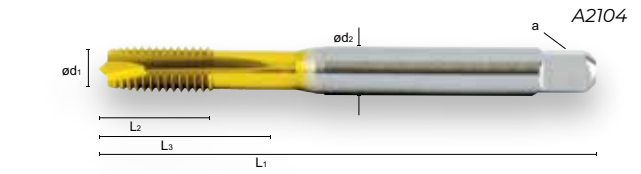
P M K N S H O



DIN13	TOLERANCE	MATERIAL	SHANK	HOLE TYPE	COATING
M	ISO 2 6H	HSSE	DIN 371 DIN 376		VAP
TOOL TYPE	CHAMFER	FLUTES	GEOMETRY	REAR	DEPTH
Cutting	C 2/3	Helical 40°	Spiral flutes	Back tapering	< 2.5x0
					ROTATION
					RH

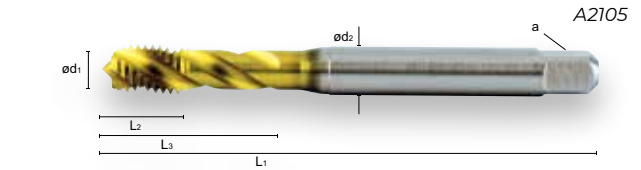
P M K N S H O

UNIVERSAL TAPS



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	< 3x0	RH

P M K N S H O

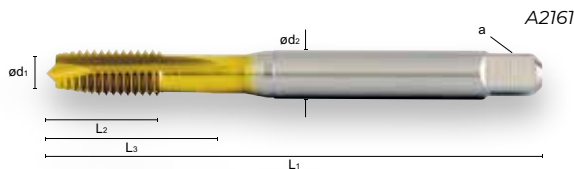


DIN13	TOLERANCE	MATERIAL	SHANK	HOLE TYPE	COATING
M	ISO 2 6H	HSSE	DIN 371 DIN 376		TiN
TOOL TYPE	CHAMFER	FLUTES	GEOMETRY	DEPTH	ROTATION
Cutting	C 2/3	Helical 40°	Spiral flutes	< 2.5x0	RH

P M K N S H O

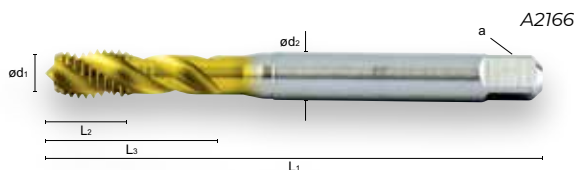
CODE	Price List	HT	d1 mm	P mm	L1 mm	L2 mm	L3 mm	d2 mm	a mm	Ø mm
A2110M2	25,94	16,00	M2	0,4	45	7	11	2,8	2,1	1,6
A2110M2,5	22,93	13,00	M2,5	0,45	50	9	15	2,8	2,1	2,05
A2110M3	49,98	12,00	M3	0,5	56	10	18	3,5	2,7	2,5
A2110M4	49,98	12,00	M4	0,7	63	12	21	4,5	3,4	3,3
A2110M5	24,35	13,00	M5	0,8	70	14	24,5	6	4,9	4,2
A2110M6	24,94	13,00	M6	1	80	16	29	6	4,9	5
A2110M8	24,56	15,00	M8	1,25	90	18	33	8	6,2	6,8
A2110M10	29,73	18,00	M10	1,5	100	20	36	10	8	8,5
A2110M4GP	24,10	14,00	M4	0,7	63	12	-	2,8	2,1	3,3
A2110M5GP	24,44	15,00	M5	0,8	70	14	-	3,5	2,7	4,2
A2110M6GP	25,02	15,00	M6	1	80	16	-	4,5	3,4	5
A2110M8GP	26,98	16,00	M8	1,25	90	18	-	6	4,9	6,8
A2110M10GP	31,45	19,00	M10	1,5	100	20	-	7	5,5	8,5
A2110M12	37,65	23,00	M12	1,75	110	24	-	9	7	10,2
A2110M14	47,98	29,00	M14	2	110	25	-	11	9	12
A2110M16	53,02	32,00	M16	2	110	28	-	12	9	14
A2110M18	73,99	44,00	M18	2,5	125	32	-	14	11	15,5
A2110M20	77,92	47,00	M20	2,5	140	32	-	16	12	17,5
A2110M22	81,92	49,00	M22	2,5	140	32	-	18	14,5	19,5
A2110M24	49,14	61,00	M24	3	160	36	-	18	14,5	21
A2110M27	113,62	68,00	M27	3	160	36	-	20	16	24
A2110M30	143,04	86,00	M30	3,5	180	40	-	22	18	26,5
A2110M33	179,72	108,00	M33	3,5	180	40	-	25	20	29,5
A2110M36	296,10	178,00	M36	4	200	55	-	28	22	32
A2120M2	26,29	16,00	M2	0,4	45	6	12	2,8	2,1	1,6
A2120M3	24,35	13,00	M3	0,5	56	7	15	3,5	2,7	2,5
A2120M4	22,03	13,20	M4	0,7	63	8,5	21	4,5	3,4	3,3
A2120M5	22,40	13,50	M5	0,8	70	10	24,5	6	4,9	4,2
A2120M6	22,40	13,50	M6	1	80	12	29	6	4,9	5
A2120M8	26,51	15,90	M8	1,25	90	15	33	8	6,2	6,8
A2120M10	31,67	19,00	M10	1,5	100	17,5	38	10	8	8,5
A2120M4GP	23,98	14,30	M4	0,7	63	8,5	-	2,8	2,1	3,3
A2120M5GP	23,98	14,30	M5	0,8	70	10	-	3,5	2,7	4,2
A2120M6GP	23,98	14,30	M6	1	80	12	-	4,5	3,4	5
A2120M8GP	26,73	16,00	M8	1,25	90	15	-	6	4,9	6,8
A2120M10GP	30,76	18,00	M10	1,5	100	17,5	-	7	5,5	8,5
A2120M12	39,13	23,00	M12	1,75	110	18	-	9	7	10,2
A2120M14	50,61	30,00	M14	2	110	20,5	-	11	9	12
A2120M16	56,46	34,00	M16	2	110	20,5	-	12	9	14
A2120M18	76,79	46,00	M18	2,5	125	25,5	-	14	11	15,5
A2120M20	79,75	48,00	M20	2,5	140	29,5	-	16	12	17,5
A2120M22	92,73	56,00	M22	2,5	140	29,5	-	18	14,5	19,5
A2120M24	126,46	76,00	M24	3	160	35,5	-	18	14,5	21
A2120M27	138,98	83,00	M27	3	160	37,5	-	20	16	24
A2120M30	172,83	104,00	M30	3,5	180	42	-	22	18	26,5
A2120M33	248,96	131,00	M33	3,5	180	43,5	-	25	20	29,5
A2120M36	359,56	216,00	M36	4	200	47	-	28	22	32
A2120M2,5	32,49	19,00	M2,5	0,45	50	6,5	15	2,8	2,1	2,05

CODE	Price List	HT	d1 mm	P mm	L1 mm	L2 mm	L3 mm	d2 mm	a mm	Ø mm
A2104M10	61,54	36,90	M10	1,5	100	16	39	10	8	8,5
A2104M12	74,46	42,90	M12	1,75	110	18	-	9	7	10,2
A2104M14	97,60	58,60	M14	2	110	20	-	11	9	12
A2104M16	91,55	54,90	M16	2	110	22	-	12	9	14
A2104M18	144,42	84,90	M18	2,5	125	25	-	14	11	15,5
A2104M20	47,98	28,20	M20	0,4	45	4	12	2,8	2,1	1,6
A2104M2,5	47,98	28,20	M2,5	0,45	50	5	14	2,8	2,1	2,05
A2104M20	428,79	77,30	M20	2,5	140	25	-	16	12	17,5
A2104M22	215,34	129,00	M22	2,5	140	27	-	18	14,5	19,5
A2104M24	193,79	110,00	M24	3	160	30	-	18	14,5	21
A2104M30	36,58	21,90	M30	0,5	56	6	18	3,5	2,7	2,5
A2104M04	38,13	22,90	M4	0,7	63	7	21	4,5	3,4	3,3
A2104M05	38,81	23,30	M5	0,8	70	8	25	6	4,9	4,2
A2104M06	44,98	26,40	M6	1	80	10	30	6	4,9	5
A2104M08	48,41	29,00	M8	1,25	90	14	35	8	6,2	6,8
A2104M27	237,04	142,00	M27	3	160	30	-	20	16	24
A2104M30	269,27	162,00	M30	3,5	180	35	-	22	18	26,5
A2105M30	291,77	175,00	M30	3,5	180	35	-	22	18	26,5
A2105M10	59,85	36,00	M10	1,5	100	16	39	10	8	8,5
A2105M12	75,63	45,00	M12	1,75	110	18	-	9	7	10,2
A2105M14	102,73	62,00	M14	2	110	20	-	11	9	12
A2105M16	104,18	63,00	M16	2	110	22	-	12	9	14
A2105M18	151,13	91,00	M18	2,5	125	25	-	14	11	15,5
A2105M02	47,48	28,00	M2	0,4	45	4	12	2,8	2,1	1,6
A2105M02,5	47,98	28,00	M2,5	0,45	50	5	14	2,8	2,1	2,05
A2105M20	476,01	106,00	M20	2,5	140	25	-	16	12	17,5
A2105M22	234,29	141,00	M22	2,5	140	27	-	18	14,5	19,5
A2105M24	293,79	122,00	M24	3	160	30	-	18	14,5	21
A2105M03	42,10	25,00	M3	0,5	56	6	18	3,5	2,7	2,5
A2105M04	43,55	26,00	M4	0,7	63	7	21	4,5	3,4	3,3
A2105M05	45,27	27,00	M5	0,8	70	8	25	6	4,9	4,2
A2105M06	46,43	28,00	M6	1	80	10	30	6	4,9	5
A2105M08	61,97	31,00	M8	1,25	90	14	35	8	6,2	6,8
A2105M27	251,24	151,00	M27	3	160	30	-	20	16	24



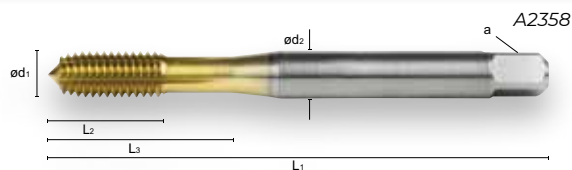
DIN13	TOLERANCE	MATERIAL	SHANK	HOLE TYPE	COATING
M	ISO 2 6H	PM	DIN 371 DIN 376		TiN
TOOL TYPE	CHAMFER	FLUTES	GEOMETRY	DEPTH	ROTATION
Cutting	B 4/5	Straight	Spiral pointed	< 3xD	RH

P M K N S H O



DIN13	TOLERANCE	MATERIAL	SHANK	HOLE TYPE	COATING
M	ISO 2 6H	PM	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 O

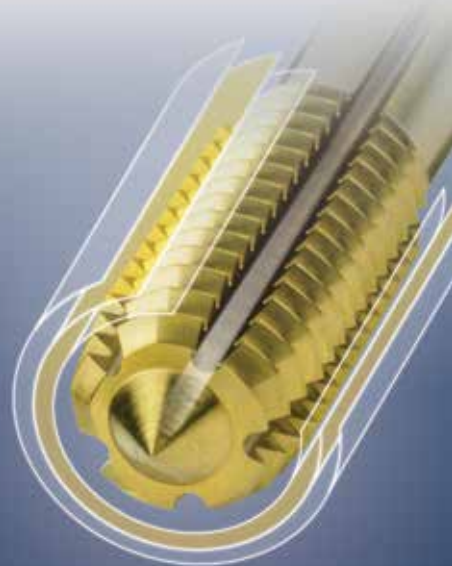


DIN13	TOLERANCE	MATERIAL	SHANK	HOLE TYPE	COATING
M	6HX	PM-K	DIN 2174 (371-376)		TiN
TOOL TYPE	CHAMFER	DEPTH	COOLANT	ROTATION	
Forming	C 2/3	< 3xD	Oil grooves	RH	

P M K N S H O

CODE	Price List	HT	d1 mm	P mm	L1 mm	L2 mm	L3 mm	d2 mm	a mm	$\frac{L}{d}$ mm
A2161M03	47,78	29,00	M3	0,5	56	11	18	3,5	2,7	2,5
A2161M04	54,40	31,00	M4	0,7	63	13	21	4,5	3,4	3,3
A2161M05	54,40	31,00	M5	0,8	70	15	25	6	4,9	4,2
A2161M06	64,23	39,00	M6	1	80	17	30	6	4,9	5
A2161M08	73,17	44,00	M8	1,25	90	20	35	8	6,2	6,8
A2161M10	94,46	57,00	M10	1,5	100	22	39	10	8	8,5
A2161M12	108,00	65,00	M12	1,75	110	24	-	9	7	10,2
A2161M16	154,00	93,00	M16	2	110	27	-	12	9	14
A2161M20	202,43	121,00	M20	2,5	140	32	-	16	12	17,5
A2161M24	263,75	158,00	M24	3	160	34	-	18	14,5	21
A2166M03	69,13	38,00	M3	0,5	56	5	18	3,5	2,7	2,5
A2166M04	69,13	38,00	M4	0,7	63	7	21	4,5	3,4	3,3
A2166M05	66,42	39,00	M5	0,8	70	8	25	6	4,9	4,2
A2166M06	73,17	44,00	M6	1	80	10	30	6	4,9	5
A2166M08	86,24	52,00	M8	1,25	90	12,5	35	8	6,2	6,8
A2166M10	110,67	66,00	M10	1,5	100	15	39	10	8	8,5
A2166M12	120,82	72,00	M12	1,75	110	17,5	-	9	7	10,2
A2166M16	163,25	98,00	M16	2	110	20	-	12	9	14
A2166M20	222,99	133,00	M20	2,5	140	25	-	16	12	17,5
A2166M24	286,13	172,00	M24	3	160	30	-	18	14,5	21

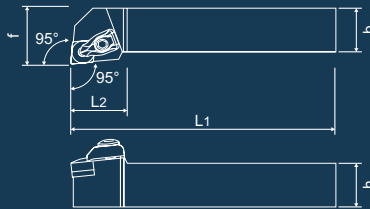
CODE	Price List	HT	d1 mm	P mm	L1 mm	L2 mm	L3 mm	d2 mm	a mm	$\frac{L}{d}$ mm
A2358M2	69,00	35,00	M2	0,4	45	7	11	2,8	2,1	1,85
A2358M2,5	51,07	31,00	M2,5	0,45	50	9	15	2,8	2,1	2,3
A2358M3	48,19	29,00	M3	0,5	56	10	18	3,5	2,7	2,8
A2358M4	47,96	29,00	M4	0,7	63	12	21	4,5	3,4	3,7
A2358M5	47,63	29,00	M5	0,8	70	14	24,5	6	4,9	4,65
A2358M6	47,40	28,00	M6	1	80	16	29	6	4,9	5,55
A2358M8	59,44	35,00	M8	1,25	90	18	33	8	6,2	7,4
A2358M10	73,57	44,00	M10	1,5	100	20	36	10	8	9,3
A2358M12	86,19	52,00	M12	1,75	110	24	-	9	7	11,2
A2358M14	144,09	67,00	M14	2	110	25	-	11	9	13,1
A2358M16	137,84	83,00	M16	2	110	28	-	12	9	15,1





CN...

Turning and facing works

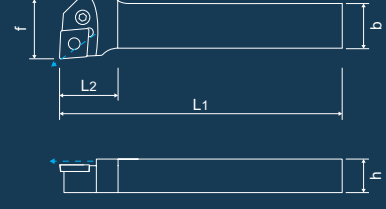


B0U10

CN...



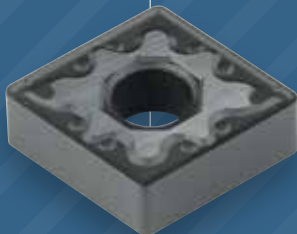
External Turning and Facing



B0U13

CODE	Price List	Description	b mm	h mm	f mm	L2 mm	L1 mm	Inserts
B0U10R2020K12	91,49	DCLNR 2020 K12	20	20	25	30	125	CN..1204..
B0U10R2525M12	108,45	DCLNR 2525 M12	25	25	32	33	150	CN..1204..
B0U10L2020K12	103,42	DCLNL 2020 K12	20	20	25	30	125	CN..1204..
B0U10L2525M12	108,45	DCLNL 2525 M12	25	25	32	33	150	CN..1204..
B0U13R1616H12	215,76	PCLNR 1616 H12 IK G1/8	16	16	20	26.1	100	CN..1204..
B0U13R2020K12	227,12	PCLNR 2020 K12 IK G1/8	20	20	25	27.4	125	CN..1204..
B0U13R2525M12	244,20	PCLNR 2525 M12 IK G1/8	25	25	32	28	150	CN..1204..
B0U13L1616H12	215,76	PCLNL 1616 H12 IK G1/8	16	16	20	26.1	100	CN..1204..
B0U13L2020K12	227,12	PCLNL 2020 K12 IK G1/8	20	20	25	27.4	125	CN..1204..
B0U13L2525M12	244,20	PCLNL 2525 M12 IK G1/8	25	25	32	28	150	CN..1204..

C-SHAPE

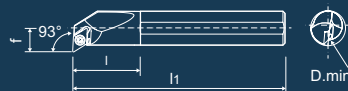


	Description	Grade	Code	Price List	P	M	K	N	S	H
FINISHING	FF CNMG 120404EN-FF	1010	B0C57CNFF10	10,21	●	●	●			
	FF CNMG 120408EN-FF	1010	B0C57CNFF11	10,21	●	●	●			
	CSF CNMG 120404-CSF	4115	B0C58CNCSF11	10,21	●	●	●			
	CSF CNMG 120404-CSF	4125	B0C58CNCSF12	10,21	●	●	●			
	CSF CNMG 120408-CSF	4115	B0C58CNCSF13	10,21	●	●	●			
	CSF CNMG 120408-CSF	4125	B0C58CNCSF14	10,21	●	●	●			
MEDIUM CUTTING	CM CNMG 120404-CM	4115	B0C51CNCM10	10,05	●	●	●			
	CM CNMG 120404-CM	4125	B0C51CNCM11	10,05	●	●	●			
	CM CNMG 120408-CM	4115	B0C51CNCM12	10,05	●	●	●			
	CM CNMG 120408-CM	4125	B0C51CNCM13	10,05	●	●	●			
	CM CNMG 120408-CM	4135	B0C51CNCM14	10,05	●	●	●			
	CM CNMG 120412-CM	4115	B0C51CNCM15	10,05	●	●	●			
	CM CNMG 120412-CM	4125	B0C51CNCM16	10,05	●	●	●			
	CM CNMG 120412-CM	4135	B0C51CNCM17	10,05	●	●	●			
	CM CNMG 120408-CM	3120	B0C51CNCM20	10,21	○	●	●			
	CM CNMG 120412-CM	3120	B0C51CNCM21	10,21	○	●	●			
	SA CNMG 120404-SA	5110	B0C59CNSA05	13,24	○	●	●		●	
	SA CNMG 120408-SA	5110	B0C59CNSA06	13,24	○	●	●		●	
	SA CNMG 120404-SA	5115	B0C59CNSA07	13,24	○	●	●		●	
	SA CNMG 120408-SA	5115	B0C59CNSA08	13,24	○	●	●		●	
ROUGHING	SM CNMG 120404-SM	2125	B0C52CNSM10	10,05	○	●	●			
	SM CNMG 120408-SM	2125	B0C52CNSM11	10,05	○	●	●			
	CR CNMG 120408-CR	4115	B0C53CNCR08	10,21	●	●	●			
	CR CNMG 120412-CR	4125	B0C53CNCR09	10,21	●	●	●			
	CR CNMG 120408-CR	4125	B0C53CNCR10	8,10	●	●	●			
	CR CNMG 120412-CR	4135	B0C53CNCR11	8,10	●	●	●			
	CMR CNMG 160612-CMR	4125	B0C54CNCMR10	18,35	●	●	●			
	CMR CNMG 160612-CMR	4135	B0C54CNCMR11	18,35	●	●	●			
	CMR CNMG 190616-CMR	4125	B0C54CNCMR12	24,15	●	●	●			
	CMR CNMG 190616-CMR	4135	B0C54CNCMR13	24,15	●	●	●			
	CMR CNMG 120408-CMR	3120	B0C54CNCMR20	10,21	○	●	●			
	CMR CNMG 120412-CMR	3120	B0C54CNCMR21	10,21	○	●	●			

20 inserts + Tooling Discount 70%



Internal turning



B1U25

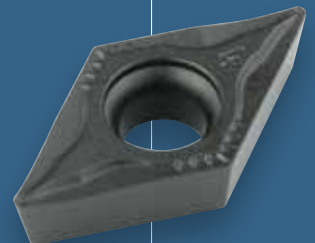


CODE	Price List	Description	D min mm	d mm	f mm	L1 mm	l mm	Inserts
B1U25L1007	102,21	A10K SDUCL 07	13,5	10	7	125	15	DC..0702..
B1U25L1207	107,88	A12L SDUCL 07	16	12	9	140	20	DC..0702..
B1U25L1607	114,76	A16Q SDUCL 07	20	16	11	180	27	DC..0702..
B1U25L2011	129,46	A20R SDUCL 11	25	20	13	200	33,8	DC..11T3..
B1U25L2511	161,26	A25R SDUCL 11	32	25	17	200	35,8	DC..11T3..
B1U25L3211	235,07	A32S SDUCL 11	40	32	22	250	18,5	DC..11T3..
B1U25L4011	319,09	A40T SDUCL 11	49	40	27	300	18,5	DC..11T3..
B1U25R1007	102,21	A10K SDUCR 07	13,5	10	7	125	15	DC..0702..
B1U25R1207	107,88	A12L SDUCR 07	16	12	9	140	20	DC..0702..
B1U25R1607	117,03	A16Q SDUCR 07	20	16	11	180	27	DC..0702..
B1U25R2011	129,46	A20R SDUCR 11	25	20	13	200	33,8	DC..11T3..
B1U25R2511	161,26	A25R SDUCR 11	32	25	17	200	35,8	DC..11T3..
B1U25R3211	235,07	A32S SDUCR11	40	32	22	250	18,5	DC..11T3..
B1U25R4011	319,09	A40T SDUCR 11	49	40	27	300	18,5	DC..11T3..

FOR POSITIVE INSERTS

Description		Grade	Code	Price List	P	M	K	N	S	H
FINISHING	FFP	DCMT 070204-FFP	1010	B1D55DCFFP05	7,85	●	●	○		
	FFP	DCMT 11T304-FFP	1010	B1D55DCFFP06	7,85	●	●	○		
	CFP	DCMT 070202-CFP	4125	B1D56DCCFP10	7,05	●	●			
	CFP	DCMT 070204-CFP	4125	B1D56DCCFP11	7,05	●	●			
	CFP	DCMT 11T304-CFP	4125	B1D56DCCFP12	8,99	●	●			
	CFP	DCMT 11T308-CFP	4125	B1D56DCCFP13	8,99	●	●			
	CFP	DCMT 070204-CFP	4115	B1D56DCCFP14	7,49	●	●			
	CFP	DCMT 11T302-CFP	4125	B1D56DCCFP15	9,55	●	●			
	CMP	DCMT 070204-CMP	4125	B1D57DCCMP10	7,05	●	●			
	CMP	DCMT 070204-CMP	4135	B1D57DCCMP11	7,05	●	●			
MEDIUM CUTTING	CMP	DCMT 11T304-CMP	4115	B1D57DCCMP12	8,99	●	●			
	CMP	DCMT 11T304-CMP	4125	B1D57DCCMP13	8,99	●	●			
	CMP	DCMT 11T304-CMP	4135	B1D57DCCMP14	8,99	●	●			
	CMP	DCMT 11T308-CMP	4115	B1D57DCCMP15	8,99	●	●			
	CMP	DCMT 11T308-CMP	4125	B1D57DCCMP16	8,99	●	●			
	CMP	DCMT 11T308-CMP	4135	B1D57DCCMP17	8,99	●	●			
	CMP	DCMT 070208-CMP	4125	B1D57DCCMP18	7,49	●	●			
	CMP	DCMT 070208-CMP	4135	B1D57DCCMP19	7,49	●	●			
	SMP	DCMT 070204-SMP	2125	B1D58DCSMP10	7,05	○	●			
	SMP	DCMT 11T304-SMP	2125	B1D58DCSMP11	8,99	○	●			
	SMP	DCMT 11T308-SMP	2125	B1D58DCSMP12	8,99	○	●			
	SMP	DCMT 11T304-SMP	2135	B1D58DCSMP14	9,55	○	●		○	
	SMP	DCMT 070208-SMP	2125	B1D58DCSMP13	7,49	○	●			
	SMP	DCMT 11T308-SMP	2135	B1D58DCSMP15	9,55	○	●			
	AFP	DCGT 070202FN-AFP	NL10	B1D59DCAFP10	11,86			○	●	○
	AFP	DCGT 070204FN-AFP	NL10	B1D59DCAFP11	11,86			○	●	○
	AFP	DCGT 11T302FN-AFP	NL10	B1D59DCAFP12	13,88			○	●	○
	AFP	DCGT 11T304FN-AFP	NL10	B1D59DCAFP13	13,88			○	●	○
	AFP	DCGT 11T308FN-AFP	NL10	B1D59DCAFP14	13,88			○	●	○
	AFP	DCGT 070201FN-AFP	NL10	B1D59DCAFP15	12,48			○	●	○
	AFP	DCGT 070208FN-AFP	NL10	B1D59DCAFP16	12,48			○	●	○

D SHAPE



40+10 free

* Every 40 inserts (same part number) 10 inserts (same part number) for free

INSERTS FOR STRAIGHT SHOULDERING

	APKT 1003	APKT 1604	
MF 	 B4E11	 B4F21	
MR 	 B4E24	 B4F21	
	 B4E24	 B4F24	
ALP 	 B4E22	 B4F22	

GEOMETRY AND CUTTING CONDITIONS

Description	Grade	Code	Price List	<500 N/mm ²	<850 N/mm ²	<1200 N/mm ²	<600 N/mm ²	<850 N/mm ²	<240 HB	<300 HB	Alu	HTA	<60 HRC
MF APKT 1003PDR - MF	MT35	B4E1110MFMT35	16,95	●	○		●	●	○				
MR APKT 1003PDR - MR	PT25	B4E2110MRPT25	15,96	○	○	●			●	●			○
MR APKT 1003PDTR - MR	PT30	B4E2110MRPT30	14,08	●	●	●			●	●			○
MR APKT 1003PDR - MR	PT35	B4E2110MRPT35	14,08	●	●	○	○	○	○	○		○	
ALP APKT 1003PDR - ALP	K10	B4E2210ALPK10	20,65								●		
MR APKT 1003PDR - MR	PT35	B4E2410MRPT35	10,18	●	●	○	○	○	○	○		○	
MF APKT 1604PDR - MF	MT35	B4F1116MFMT35	20,98		○		●	○	○	○			
MF APKT 1604PDR - MF	PT35	B4F1116MFPT35	21,03		●	○	○	○	○	○		○	
MR APKT 1604PDR - MR	PT25	B4F2116MRPT25	19,76	○	○	●			●	●			○
MR APKT 1604PDR - MR	PT30	B4F2116MRPT30	16,68	●	●	●			●	●			○
MR APKT 1604PDR - MR	PT35	B4F2116MRPT35	16,68	●	●	○	○	○	○	○		○	
ALP APKT 1604PDR - ALP	K10	B4F2216ALPK10	23,66								●		
MR APKT 1604PDR - MR	PT35	B4F2416MRPT35	13,29	●	●	○	○	○	○	○		○	



NEW

MAGNETIC PLATES

Extremely versatile magnetic table for milling workpieces of low to medium thickness. Excellent grip when contouring. Maximum performance at 40 mm height.

Technical characteristics:

- Magnetic pole 50x50 mm
- Polar pitch 60 mm
- Hole in pole: M8x12 mm useful
- 400N vertical polar force
- Recommended minimum thickness 20 mm
- Maximum thickness 30 mm
- Clamping area: minimum 2 poles

*Pole extensions not included



CODE	Price List	HT	B mm	L mm	Poles	Clamping force kN	Weight kg
C6630325370	2.050,00	1.435,00	370	325	20	80	42
C6630370635	4.100,00	2.870,00	370	635	40	160	90
C6630360790	5.400,00	3.570,00	360	790	50	200	120
C6630445790	6.200,00	4.340,00	445	790	60	240	150
C6630580790	8.200,00	5.740,00	580	790	80	320	170



NEW

CONTROL UNIT

Single-channel power units.
89U 50: suitable for planes with max. 99 poles of 50x50mm and max. 49 poles of 75x75mm

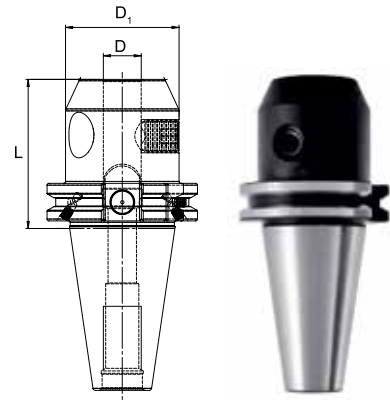
CODE	Price List	HT	Item
C663150	4.300,00	910,00	89U 50



WELDON CHUCKS DIN 69871 SK AD+B

CODE	Price List	HT	SK	D mm
C0046406050	41,50	36,00	40	6
C0046406100	49,50	43,00	40	6
C0046408050	39,50	34,00	40	8
C0046408100	46,00	40,00	40	8
C0046410050	39,50	34,00	40	10
C0046410100	46,00	40,00	40	10
C0046412050	39,50	34,00	40	12
C0046412100	46,00	40,00	40	12
C0046416063	39,50	34,00	40	16
C0046416100	46,00	40,00	40	16

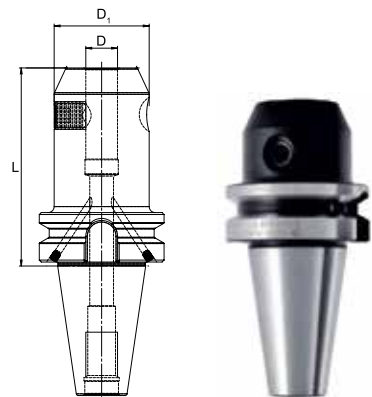
CODE	Price List	HT	SK	D mm
C0046420063	99,50	34,00	40	20
C0046420100	46,00	40,00	40	20
C0046425100	46,00	40,00	40	25
C0046432100	48,00	42,00	40	32
C0046512063	58,50	51,00	50	12
C0046516063	58,50	51,00	50	16
C0046520063	58,50	51,00	50	20
C0046525080	65,00	57,00	50	25
C0046532100	72,00	63,00	50	32
C0046540100	76,50	67,00	50	40



WELDON CHUCKS MAS 403 BT AD+B

CODE	Price List	HT	BT	D mm	L mm
C1046406050	42,50	37,00	40	6	50
C1046406100	49,50	43,00	40	6	100
C1046408050	40,00	35,00	40	8	50
C1046408100	46,50	40,00	40	8	100
C1046410063	46,00	35,00	40	10	63
C1046410100	46,50	40,00	40	10	100
C1046412063	40,00	35,00	40	12	63

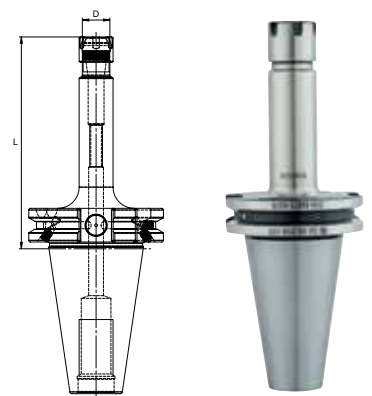
CODE	Price List	HT	BT	D mm	L mm
C1046412100	46,50	40,00	40	12	100
C1046416063	40,00	35,00	40	16	63
C1046416100	46,50	40,00	40	16	100
C1046420063	40,00	35,00	40	20	63
C1046420100	46,50	40,00	40	20	100
C1046425090	45,00	39,00	40	25	90
C1046432100	49,00	43,00	40	32	100



ER MINI COLLET CHUCKS DIN 69871 SK AD+B

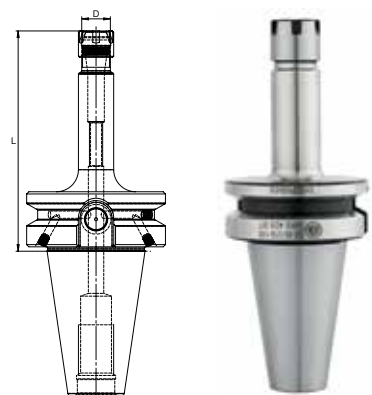
CODE	Price List	HT	SK	ER	D mm
C0017411100	116,50	101,00	40	11 Mini	16
C0017411130	126,50	110,00	40	11 Mini	16
C0017416100	67,00	76,00	40	16 Mini	22

CODE	Price List	HT	SK	ER	D mm
C0017416130	107,00	93,00	40	16 Mini	22
C0017516100	104,50	91,00	50	16 Mini	22



ER MINI COLLET CHUCKS MAS 403 BT AD+B

CODE	Price List	HT	BT	ER	Ring nut mm	L mm
C1017410016	116,50	101,00	40	11 Mini	16	100
C1017410022	74,00	62,00	40	16 Mini	22	100
C1017416022	120,50	105,00	40	16 Mini	22	160



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.



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

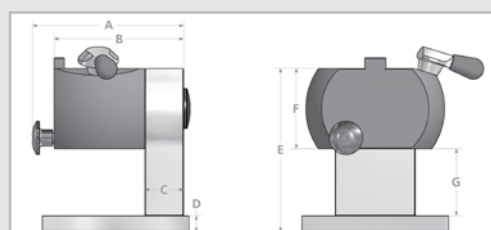
The characteristics of the supports avoids possible contact between the cone and support thanks to the shape and the presence of an O-ring.

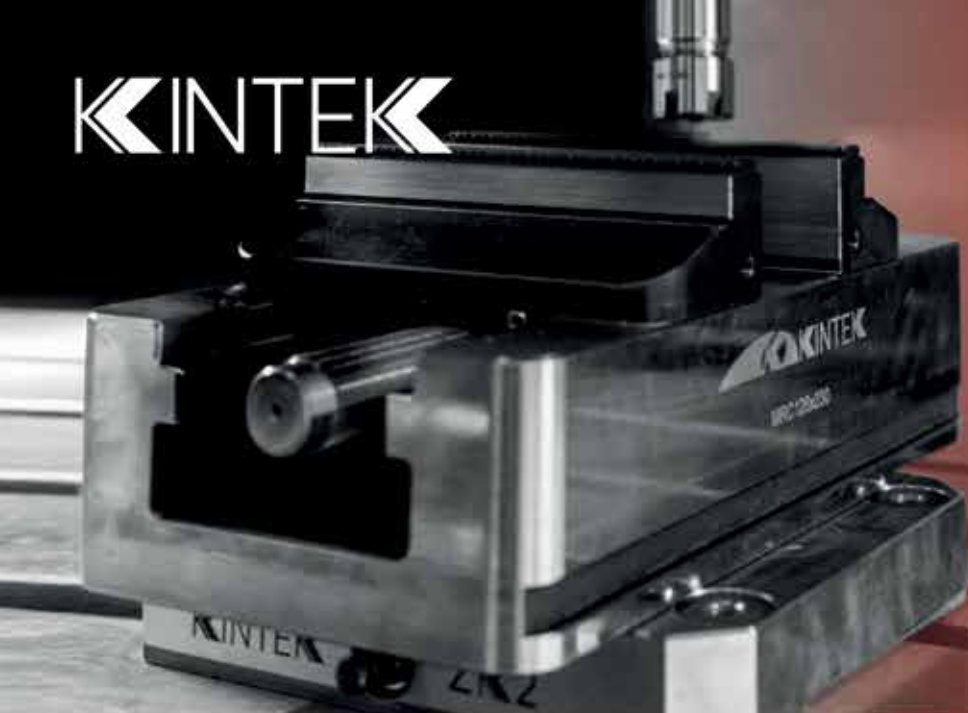
Keep clean all surfaces to always ensure maximum performance.

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



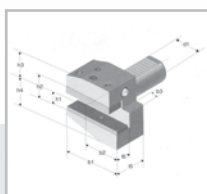
CODE	Price List	HT	Coupling	A mm	B mm	C mm	D mm	E mm	F mm	G mm	Base mm	Weight kg
C4525HSK63	445,00	280,00	HSK63	124	101	29	12	122	60	50	110 x 110	5,2
C4525SK40	375,00	236,00	SK40 - BT40	121	97	29	12	122	60	50	110 x 110	5,0
C4525SK50	440,00	277,00	SK50 - BT50	152	128	29	12	172	89	71	130 x 130	12,5





RADIAL TOOLHOLDERS VDI DIN 69880

B1

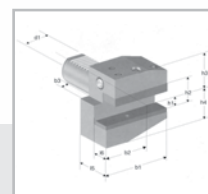


CODE	Price List	HT	d1	b1	b2	b3	h1	h2	h3	h4	l5	l6
C503240	105,50	92,00	40	85	42.5	12.5	25/20	34	32.5	48	44	22



RADIAL TOOLHOLDERS VDI DIN 69880

B2

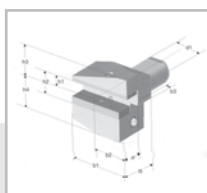


CODE	Price List	HT	d1	b1	b2	b3	h1	h2	h3	h4	l5	l6
C503340	105,50	92,00	40	85	42.5	12.5	25/20	34	32.5	48	44	22



UPSIDE DOWN RADIAL TOOLHOLDERS VDI DIN 69880

B3

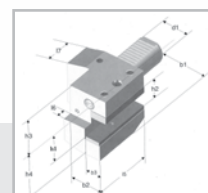


CODE	Price List	HT	d1	b1	b2	b3	h1	h2	h3	h4	l5	l6
C503430	89,79	78,00	30	70	35	10	20/16	29	28	38	40	18
C503440	105,00	92,00	40	85	42.5	12.5	25/20	34	32.5	48	44	22



AXIAL TOOLHOLDERS VDI DIN 69880

C1

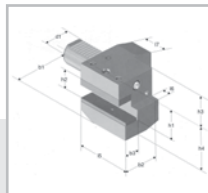


CODE	Price List	HT	d1	b1	b2	b3	h1	h2	h3	h4	l5	l6
C503540	162,99	133,00	40	85	42.5	21	25/20	34	32.5	48	85	12.5



AXIAL TOOLHOLDERS VDI DIN 69880

C2

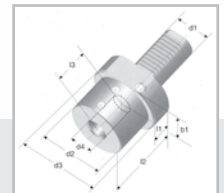


CODE	Price List	HT	d1 mm	b1 mm	b2 mm	b3 mm	h1 mm	h2 mm	h3 mm	h4 mm	l5 mm	l6 mm
C503640	152,00	133,00	40	90	47.5	25.5	25/20	34	32.5	48	85	12.5
C503630	423,00	107,00	30	76	41	23	20/16	29	28	38	70	10



AXIAL TOOLHOLDERS VDI FOR DRILLING DIN 69880

E1

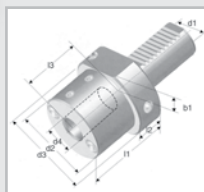


CODE	Price List	HT	d1 mm	d2 mm	d3 mm	d4 mm	b1 mm	l1 mm	l2 mm	l3 mm
C50374025	97,00	85,00	40	45	83	25	32.5	75	22	59
C50374032	97,00	85,00	40	52	83	32	32.5	75	22	63
C50374020	97,00	85,00	40	40	83	20	32.5	67	22	54
C50374040	97,00	85,00	40	65	83	40	32.5	90	22	73



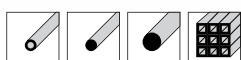
AXIAL TOOLHOLDERS VDI FOR BORING BAR DIN 69880

E2



CODE	Price List	HT	d1 mm	d2 mm	d3 mm	d4 mm	b1 mm	l1 mm	l2 mm	l3 mm
C5038408	400,00	87,00	40	55	83	8	32.5	75	22	43
C50384010	400,00	87,00	40	55	83	10	32.5	75	22	43
C50384025	400,00	87,00	40	55	83	25	32.5	75	22	61
C50384016	400,00	87,00	40	55	83	16	32.5	75	22	61
C50384020	400,00	87,00	40	55	83	20	32.5	75	22	61
C50384032	400,00	87,00	40	83	83	32	32.5	75	-	61

M42 SAW BLADES



GENERAL-PURPOSE BLADES Small-medium tooth zero degrees

P	●
M	○
K	○
N	-
S	-
H	-
O	-

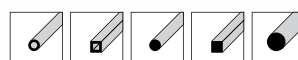
MANUAL ARCH SHAPE	○
SEMI AUTOMATIC ARCH SHAPE	●
AUTOMATIC ARCH SHAPE	○
AUTOMATIC DOUBLE COLUMN	○
AUTOMATIC HM HIGH SPEED	-

from 13 to 41 mm			
Length mm	Dentatura	Code	HT
2450	5/8	A7007245058	19,00
2480	5/8	A7007248058	19,20
2500	5/8	A7007250058	19,30
2590	5/8	A7007259058	19,90
2700	5/8	A7007270058	20,60
2750	5/8	A7007275058	21,00
2760	5/8	A7007276058	21,00
2765	5/8	A7007276558	21,10
2825	5/8	A7007282558	21,50
2845	5/8	A7007284558	21,60
2880	5/8	A7007288058	21,80
2925	5/8	A7007292558	22,10
2945	5/8	A7007294558	22,20
2950	5/8	A7007295058	22,30
3010	5/8	A7007301058	22,70
3120	5/8	A7007312058	23,40
3150	5/8	A7007315058	23,60
3320	5/8	A7007332058	24,70
3660	5/8	A7007366058	26,90

Length mm	Dentatura	Code	HT
2450	6/10	A70072450610	19,00
2480	6/10	A70072480610	19,20
2500	6/10	A70072500610	19,30
2600	6/10	A70072600610	20,00
2700	6/10	A70072700610	20,60
2750	6/10	A70072750610	21,00
2825	6/10	A70072825610	21,50
2945	6/10	A70072945610	22,20
2950	6/10	A70072950610	22,30
3010	6/10	A70073010610	22,70
3120	6/10	A70073120610	23,40
3150	6/10	A70073150610	23,60

Length mm	Dentatura	Code	HT
2450	8/12	A70072450812	19,00
2825	8/12	A70072825812	21,50
2950	8/12	A70072950812	22,30

M42 SAW BLADES



GENERAL-PURPOSE BLADES Medium-large tooth, positive 10

P	●
M	○
K	○
N	-
S	-
H	-
O	-

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

27 x 0,9 mm			
Length mm	Dentatura	Code	HT
2450	3/4	A7015245034	19,00
2845	3/4	A7015284534	21,60
2925	3/4	A7015292534	22,10
2945	3/4	A7015294534	22,20
3010	3/4	A7015301034	22,70
3100	3/4	A7015310034	23,20
3120	3/4	A7015312034	23,40
3150	3/4	A7015315034	23,60
3180	3/4	A7015318034	23,80
3270	3/4	A7015327034	24,30
3320	3/4	A7015332034	24,70
3660	3/4	A7015366034	26,90

Length mm	Dentatura	Code	HT
2450	4/6	A7015245046	19,00
2480	4/6	A7015248046	19,20
2590	4/6	A7015259046	19,90
2700	4/6	A7015270046	20,60
2750	4/6	A7015275046	21,00
2825	4/6	A7015282546	21,50
2845	4/6	A7015284546	21,60
2925	4/6	A7015292546	22,10
2950	4/6	A7015295046	22,30
3010	4/6	A7015301046	22,70
3100	4/6	A7015310046	23,20
3120	4/6	A7015312046	23,40
3150	4/6	A7015315046	23,60
3180	4/6	A7015318046	23,80
3225	4/6	A7015322546	24,10
3270	4/6	A7015327046	24,30
3320	4/6	A7015332046	24,70
3370	4/6	A7015337046	25,00
3660	4/6	A7015366046	26,90

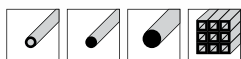
+5

free band saw blades
same code

GUABO

GUABO

M42 SAW BLADES



BASIC PERFORMANCE

BLADES FOR MASS PRODUCTION
Small-medium tooth zero degrees

P	●
M	○
K	○
N	○
S	-
H	○
O	-

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

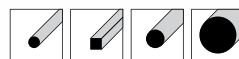
from 13 to 54 mm			
Length mm	Dentatura	Code	HT
2450	5/8	A7024245058	23,10
2500	5/8	A7024250058	23,50
2590	5/8	A7024259058	24,20
2600	5/8	A7024260058	24,30
2700	5/8	A7024270058	25,10
2750	5/8	A7024275058	25,50
2765	5/8	A7024276558	25,60
2825	5/8	A7024282558	26,10
2845	5/8	A7024284558	26,30
2925	5/8	A7024292558	26,90
2945	5/8	A7024294558	27,10
2950	5/8	A7024295058	27,10
3010	5/8	A7024301058	27,60
3120	5/8	A7024312058	28,50
3150	5/8	A7024315058	28,70
3180	5/8	A7024318058	29,00
3200	5/8	A7024320058	29,10
3320	5/8	A7024332058	30,10
3660	5/8	A7024366058	32,90

Length mm	Dentatura	Code	HT
2450	6/10	A70242450610	23,10
2500	6/10	A70242500610	23,50
2750	6/10	A70242750610	25,50
2825	6/10	A70242825610	26,10
2845	6/10	A70242845610	26,30
2945	6/10	A70242945610	27,10
2950	6/10	A70242950610	27,10
3010	6/10	A70243010610	27,60
3140	6/10	A70243120610	28,50
3150	6/10	A70243150610	28,70
3320	6/10	A70243320610	30,10

Length mm	Dentatura	Code	HT
2750	8/12	A70242750812	25,50
2950	8/12	A70242950812	27,10
3010	8/12	A70243010812	27,60
3150	8/12	A70243150812	28,70

GUABO

M42 SAW BLADES



BASIC PLUS PERFORMANCE

BLADES FOR SERIES PRODUCTION
Medium-large tooth, positive 10

P	●
M	○
K	○
N	○
S	-
H	○
O	-

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

from 20 to 67 mm			
Length mm	Dentatura	Code	HT
3010	2/3	A7021301023	27,60
3660	2/3	A7021366023	32,90

Length mm	Dentatura	Code	HT
2450	3/4	A7021245034	23,10
2750	3/4	A7021275034	25,50
2845	3/4	A7021284534	26,30
2950	3/4	A7021295034	27,10
3010	3/4	A7021301034	27,60
3100	3/4	A7021310034	28,30
3120	3/4	A7021312034	28,50
3150	3/4	A7021315034	28,70
3180	3/4	A7021318034	29,00
3200	3/4	A7021320034	29,10
3320	3/4	A7021332034	30,10
3660	3/4	A7021366034	32,90
4600	3/4	A7021460034	40,50

Length mm	Dentatura	Code	HT
2450	4/6	A7021245046	23,10
2500	4/6	A7021250046	23,50
2590	4/6	A7021259046	24,20
2600	4/6	A7021260046	24,30
2650	4/6	A7021265046	24,70
2700	4/6	A7021270046	25,10
2750	4/6	A7021275046	25,50
2765	4/6	A7021276546	25,60
2825	4/6	A7021282546	26,10
2845	4/6	A7021284546	26,30
2950	4/6	A7021295046	27,10
3010	4/6	A7021301046	27,60
3120	4/6	A7021312046	28,50
3150	4/6	A7021315046	28,70
3180	4/6	A7021318046	29,00
3225	4/6	A7021322546	29,30
3320	4/6	A7021332046	30,10
3370	4/6	A7021337046	30,50
3505	4/6	A7021350546	31,60
3660	4/6	A7021366046	32,90
3900	4/6	A7021390046	34,80

METROLOGY



ALPA

DIGITAL CALIPER IP67 WITH PRESET



IP	0.01	ABS	LCD	INOX	mm	3V
67	mm				inch	CR2032

0,01 mm Resolution - Digital caliper with Swiss technology, unrivaled protection against penetration of particles and liquids. Vernier with locking screw system, automatic on/off button, auto power off after 20 minutes of inactivity, incremental measuring and zero-setting at any position, data output. Memorized position in pause mode with maximum speed displacement of 2.5 m/sec. Structure mechanics tempered, rectified stainless steel, superior comfort thanks to its ergonomic design and sturdy structure, 3,5 mm. Preset function included.

CODE	ALPA CODE	Price List	HT	Rod	Range mm
D0010150P	AA014150P	496,00	150,00	■	0 + 150
D0010150NDP	AA014150NDP	473,00	135,00	■	0 + 150
D0010150T	AA014150T	496,00	150,00	●	0 + 150
D0010200	AA014200	387,00	239,00	■	0 + 200
D0010300	AA014300	376,00	290,00	-	0 + 300



sylvac

IP67 DIGITAL GAUGE WITH BLUETOOTH



IP	0.01	ABS	LCD	INOX	mm	3V
67	mm				inch	CR2032

CODE	PRIMATEK CODE	Price List	HT	Rod	Range mm
D0008150BTP	8101506	285,00	195,00	■	0 + 150
D0008150BTT	8101516	285,00	195,00	●	0 + 150
D0008200BT	8101526	594,00	405,00	■	0 + 200
D0008300BT	8101536	745,00	510,00	-	0 + 300

ALPA

DIGITAL CALIPER IP54 WITH ABSOLUTE FUNCTION



IP	0.01	ABS	LCD	INOX	mm	3V
54	mm				inch	CR2032

CODE	ALPA CODE	Price List	HT	Rod	Range mm
D0009150P	AA019150P	85,00	68,00	■	0 + 150
D0009150T	AA019150T	85,00	68,00	●	0 + 150
D0009200	AA019200	429,00	98,00	■	0 + 200
D0009300	AA019300	467,00	133,00	■	0 + 300

ALPA

DIGITAL MICROMETERS IP67



Automatic wake-up by moving the thimble, sleeping mode after 20 min. when not in use.

Position memorized in sleeping mode (S.I.S. system), absolute system.

Water protected for heavy work with coolants and lubricants, protection rating IP67 according to IEC 60529, even when connected.

Measuring range 0-102 mm covered by just 3 instruments, set of 3 micrometers available 0-102 mm. Quick measuring cylinder displacement (10 mm / rotation).

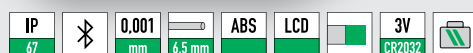
Adjustable measuring force 5N/10N (D111000030), repeatability never achieved before. Thimble made of special material. Proximity cable. Non-rotating spindle.

CODE	ALPA CODE	Price List	HT	Range mm	A mm
D111000030	BA01030	620,00	490,00	0 ÷ 30	37.3
D111030060	BA01066	882,00	690,00	30 ÷ 66	73.3
D111066102	BA010102	1.100,00	870,00	66 ÷ 102	109.3



sylvac

DIGITAL MICROMETERS IP67



CODE	PRIMATEK CODE	Price List	HT	Range mm
D1114030BT	8030306	920,00	600,00	0 ÷ 30
D1114066BT	9030606	1.270,00	835,00	30 ÷ 66
D1114102BT	9031006	1.570,00	1.030,00	66 ÷ 102

ALPA

DIGITAL MICROMETERS IP65



CODE	ALPA CODE	Price List	HT	Range mm
D1110000025	BA02525	140,00	115,00	0 ÷ 25
D1110025050	BA02550	175,00	140,00	25 ÷ 50
D1110050075	BA02575	261,00	190,00	50 ÷ 75
D1110075100	BA025100	342,00	235,00	75 ÷ 100

MULTIFUNCTION DIGITAL INDICATORS



IP		0.01	0.001		ABS	LCD	3V	
54		mm	mm	8 mm			CR2032	

CODE	ALPA CODE	Price List	HT	Range mm	Resolution mm
D2331125001	CA01512,5C	546,00	430,00	0 ÷ 12.5	0.01
D233125001	CA01525C	606,00	480,00	0 ÷ 25	0.01
D233150001	CA01550C	952,00	730,00	0 ÷ 50	0.01
D23311250001	CA01512,5M	675,00	540,00	0 ÷ 12.5	0.001
D2331250001	CA01525M	725,00	580,00	0 ÷ 25	0.001
D2331500001	CA01550M	1.046,00	770,00	0 ÷ 50	0.001

IP67 BLUETOOTH DIGITAL INDICATORS Ø 45



IP			0.01	LCD	
67		8 mm	mm		

CODE	PRIMATEK CODE	Price List	HT	Range mm	Resolution mm
D2332TP	8056121	599,00	410,00	12.5	0.01
D2332ST	8056123	643,00	420,00	12.5	0.01
D2332AU	8056125	695,00	435,00	12.5	0.01
D2333TP	8056521	846,00	565,00	12.5	0.001
D2333ST	8056523	825,00	565,00	12.5	0.001
D2333AU	8056525	847,00	580,00	12.5	0.001

DIGITAL DIAL INDICATORS



0.01	0.001		LCD	mm	3V	
mm	mm	8 mm		inch	CR2025	

CODE	ALPA CODE	Price List	HT	Range mm	Resolution mm
D222912,5	CA02010	427,00	99,00	0 ÷ 12.5	0.01
D222925	CA02025	479,00	138,00	0 ÷ 25	0.01
D222950	CA02050	813,00	242,00	0 ÷ 50	0.01
D222912,50,001	CA02110	454,00	119,00	0 ÷ 12.5	0.001

MAGNETIC DIAL INDICATOR HOLDER



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CODE	ALPA CODE	Price List	HT	Locking	Holding power kg	Arm length mm
D2512MEC100	CD016ME	242,00	186,00	Mechanical	100	345
D2512MEC100L	CD016MEL	347,00	258,00	Mechanical	100	430
D2513IDR100	CD018ID	293,00	181,00	Hydraulic	100	336
D2513IDR100L	CD018IDL	306,00	247,00	Hydraulic	100	434

ALPA

HEIGHT GAUGES IP67



Totally made in Switzerland, IP67 enclosed, it guarantees high durability, accuracy and repeatability.
The easy to use display provides directly accessible functions. This feature allows everyone an easy and quick handling.
To make easier the displacement all along measuring table, it is equipped with air cushion.

Functionality:

- Measuring ranges 400 and 700 mm
- Resolution 0.001 mm
- Repeatability 2 (Ø : 4)
- Measuring force N 0.75 ÷ 1.5 mm
- Extremely easy to use
- Electronically adjustable measuring force
- Autonomy: 40 h (lithium-ion batteries)
- RS232 et USB interfaces

Supplied with:

- Insert with ruby ball Ø4 mm L90 mm (D4206RB490)
- Calibration report on master
- Calibration report on measuring rule
- Calibration report on orthogonality
- Protection cover

CODE	ALPA CODE	Price List	HT	Range with extension mm	Error max µm
D4200400	GA050400	5.885,00	5.253,00	508	5
D4200700	GA050700	6.360,00	5.717,00	812	5



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 rectangular section structure made from stainless steel, designed for both cast iron and granite surfaces, adjustable swing brake leveling foot/tips system.



CODE	ALPA CODE	Price List	HT	Dimension mm
D3205630	HA122630T	850,00	650,00	630 x 400 x 80
D3205800	HA122800T	1.030,00	820,00	800 x 500 x 100
D32051200	HA1221200T	2.070,00	1.650,00	1200 x 800 x 160





HEIGHT GAUGES



This altimeter guarantees an accuracy of $2.5+L/175$ mm and a resolution of 0.001 mm. The compact and handy design with redesigned mechanics makes it easy to use: just switch on and measure. It is ideal for measuring heights, thicknesses, depths, inside/outside diameters and centre distances. It incorporates Bluetooth technology for data transmission, with cable connectivity via mini-USB and serial port. The progressive motorisation allows an adjustable measuring force between 0.2 and 0.3 N. It allows simultaneous display of diameter and wheelbase and offers quick probe changes. It is compatible with numerous accessories, and its compact working surface (A4 format) optimises its use in small spaces.

CODE	PRIMATEK CODE	Price List	HT	Range mm
D4255155	8300156	6.733,00	4.225,00	0 ÷ 155
D4255320	8300306	6.266,00	4.615,00	0 ÷ 320
D4255470	8300456	7.134,00	5.225,00	0 ÷ 470

LUBRICANTS





WATER-MISCIBLE METALWORKING FLUID

FUTURA S UNI

Futura S UNI is a water-miscible metalworking fluid based on esters derived from renewable resources. It is free of chlorine, boron, bactericides and nitrosatable amines.

Futura S UNI is a universal metalworking fluid designed to be used in medium-duty machining operations and grinding of all materials: steels, stainless steels, titanium, aluminium alloys, yellow alloys and cast iron. The formulation has an exceptionally high balance between lubricity and detergency, which makes it an extremely versatile product in all types of processing.

It produces a very stable translucent emulsion in water. Its characteristics make it suitable for use with all types of water, both hard and soft.

- **Universal product**
- **Ester based**
- **Biocide-free**
- **Boron free**



CODE	Price List	HT	Quantity L	Package
H02130025	215,00	204,00	25	Can
H02130200	4.540,00	1.463,00	200	Drum



NEW

REFRACTOMETER



CODE	Price List	HT	Reading grade Brix	Divisions
H3632018	95,00	60,00	0 - 18%	0,1

WATER HARDNESS CONTROL PAPERS



CODE	Price List	HT	Package	Pieces
H3615100	66,00	55,00	Jar	100

PH-CONTROL PAPERS



CODE	Price List	HT	pH	Package	Pieces
H36096510	34,00	24,00	6,5 - 10	Box	100



NEAT CUTTING FLUID

MIRZAN EP

Mirzan EP is a neat synthetic ester-based fluid that is completely free of mineral oils. The product has been formulated with special antiwear and EP additives that make it suitable for use during very heavy duty work on variously alloyed steels, tool steels and stainless steels, aluminium alloys and yellow metals. It has extraordinary lubrication power, a high service life and high EP power due to its viscosity.

NEW

- *High flash point*
- *Low volatility*
- *High tool performance*
- *Very oxidation-stable*
- *Does not stain yellow metals*



CODE	Price List	HT	Series	Quantity L	Package
H11657220200	866,00	836,00	722	200	Drum



CUTTING FLUIDS

TAP FLUID

NEW

CODE	Price List	HT	Quantity L	Package
H13510400	8,47	8,00	0,4	Bomboletta spray
H13510001	23,98	22,00	1	Bottle
H13510005	82,50	78,00	5	Tanichetta



TAPPING PASTE

HI-THREAD

NEW

CODE	Price List	HT	Quantity L	Package
H13270500	22,00	15,00	500	Can



SLIDEWAY OILS

CARRIER

High adhesiveness
High EP characteristics
High demulsification

**NEW**

CODE	Price List	HT	Series	Quantity L	Package
H2016320025	150,00	142,00	1	25	Can
H2016680005	48,00	45,00	2	5	Jerrycan
H2016680025	152,75	145,00	2	25	Can
H2016680200	1.022,00	970,00	2	200	Drum
H2016220025	164,25	156,00	4	25	Can
H2016220200	1.114,00	1.050,00	4	200	Drum



HYDRAULIC OILS

ABACUS PLUS



CODE	Price List	HT	Quantity L	Package
H2021320025	480,00	170,00	25	Jerry can
H2021320200	1.325,00	1.259,00	200	Drum
H2021460005	52,00	49,00	5	Jerry can
H2021460025	200,00	190,00	25	Jerry can
H2021460200	1.395,00	1.325,00	200	Drum
H2021680025	215,00	204,00	25	Jerry can
H2021680200	1.620,00	1.539,00	200	Drum



SPILL PALLETS IN STEEL FOR DRUMS

Spill pallets in steel for the storage of 200 liter drums, positioned directly on a support shelf made with EN10025 structural carbon steel profiles. Grating height of 30 mm
Colour Grey RAL 7001.
Complies with the International Standard EN ISO 3834-2:2021

CODE	Price List	HT	A mm	B mm	C mm	Storage capacity	Collection volume l
P6915F1	522,00	295,00	830	830	470	1 drum of 200 L	200
P6915F2	662,00	335,00	1350	780	370	2 drums of 200 L	230
P6915F4	938,00	585,00	2670	775	290	4 drums of 200 L	330
P6915F4SQ	708,00	450,00	1350	1325	310	4 drums of 200 L	330
P6915F8	1.417,00	840,00	2670	1325	310	8 drums of 200 L	650

**NEW**



GEAR OILS

GEAR POWER

High load resistance
Excellent corrosion protection
High demulsification

CODE	Price List	HT	Series	Quantity L	Package
H2031068025	169,00	160,00	68	25	Can
H2031150025	181,75	172,00	150	25	Can
H2031220025	194,25	175,00	220	25	Can
H2031320025	196,75	177,00	320	25	Can

**NEW**

RUST REMOVER

RUST REMOVER

Biodegradable and safe for the operator, non-toxic and non-corrosive
Does not damage materials such as copper, brass, aluminium, plastic, rubber, wood and vinyl
Does not remove paint or chrome, except when oxidised

CODE	Price List	HT	Quantity L	Package
H21910025	302,50	280,00	25	Jerry can

**NEW**

VCI PACKAGING

Designed to protect machined components from rust or metal oxide formation during storage or shipping
Place the parts to be protected in the VCI bags dry, clean and seal the package: the volatile components attach to the metal surface preventing or blocking oxidation
Compatible with most commercially available oily and waxy protective agents
Protection 36 months indoors / 24 months outdoors

CODE	Price List	HT	Pieces per pack	Dimensions mm	Thickness micron
H217010020X30	229,00	175,00	1600	200 x 300	100
H217010033X22	244,00	165,00	320	330 x 220 x 550h	100
H217010044X33	205,00	160,00	150	440 x 330 x 820h	100





PROTECTIVE FLUID

PROTEX W

Protection for periods exceeding 12 months even in saline atmospheres
Easy to apply
Easily removable

CODE	Price List	HT	Quantity L	Package
H2117025	273,75	260,00	25	Can

**NEW**

PROTECTIVE FLUID

PROTEX O

Protection for periods longer than 12 months
Easy to apply
Versatility of use (shipping + storage)

CODE	Price List	HT	Series	Quantity L	Package
H2112025	494,25	184,00	Heavy	25	Can

**NEW**

PROTECTIVE FLUID

PROTEX DW/O

Protection for periods of up to 12 months
Easy to apply
Easily removable

CODE	Price List	HT	Quantity L	Package
H2106025	490,00	180,00	25	Can
H2106400	6,90	5,80	0,4	Spray can

**NEW**



- *Reduces biological risks*
- *Reduces smoke generated by foreign oils*
- *No bad odours*
- *Extends the service life of the emulsion*
- *Can be used on multiple machine tools*
- *No operator supervision required*

Coalescing de-oiling machine capable of separating foreign oils, sludge and soap from emulsions. Thanks to the self-levelling suction unit, it can also be used in tanks with narrow spaces and independently follows the level of the emulsion. It does not require operator assistance, except in the discharge phase. It effectively de-oils aqueous fluids with neutral or weakly alkaline pH, with temperatures up to 60°C.

Composition

Bag filter 300 µm
Dynamic suction inlet with magnet, h 70 mm
Suction hose Ø 20 mm - 2 m.
Exhaust pipe 40 mm - 2 m.

CODE	Price List	HT	Tank capacity L	Flow L/h	Power kw	Voltage Volt	Dimensions mm	Empty weight kg	Temp. use °C
H4000TOS	3.875,00	2.990,00	105	250	0,29	230 to 50 Hz	570 x 550 x 980 h	80	< 60°C

VOLUMETRIC MIXER

MV

Dosing accuracy
Does not require operator supervision
Quick top-up

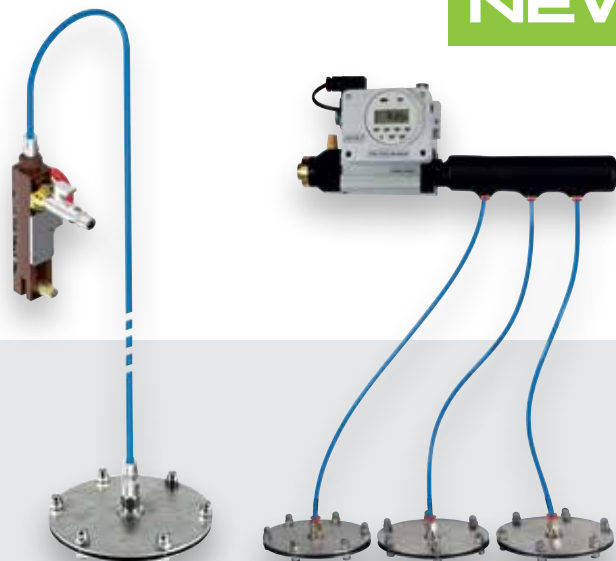


CODE	Price List	HT	Concentration	Flow L/h	Water pressure Bar	Model
H366010	924,00	855,00	1 - 10%	1600	from 0.7 to 8	Base
H366012	1.260,00	1.185,00	1 - 10%	1600	from 0.7 to 8	Complete

OXYGENATORS FOR EMULSIONS

OXI COOLER

Combate la proliferazione batterica
Riduzione di fumi e nebbie
Eliminazione dei cattivi odori
Maggiore durata dell'emulsione



CODE	Price List	HT	Pressure Bar	Outlet temperature °C	Air NL/min	Weight kg
H3267001	927,00	250,00	1.5	-1.5	32	1.2
			3	-15	74	
			4	-21.5	94	
			5	-24.5	115	
H3267003	932,00	710,00	1.5	-9	170	3.2
			3	-19	290	
			4	-22	410	
			5	-24	525	

BELT OIL SEPARATOR

RASEN

Reduces biological risks
Reduces smoke generated by foreign oils
Extends the service life of the emulsion
No operator supervision required



CODE	H4042N30X2,5	H4042N30X5	H40423025B	H40423050B
Price List	676,00	907,00	567,00	790,00
HT	500,00	670,00	417,00	590,00
Suction tube mm	300	300	300	300
Tape size mm	25	50	25	50
Dimensions mm	210 x 100 x 438	244 x 148 x 507	210 x 100 x 438	244 x 148 x 507
Weight kg	5,5	7,5	5	7
Level switch	Yes	Yes	No	No



- *Quick emptying of the tank*
- *No operator supervision required due to automatic overflow stop*
- *Simple maintenance due to the absence of an external auxiliary pump*
- *Chip separation from liquid*
- *Instant and easy use*

Single-phase industrial sump vacuum suitable for the separation of liquids mixed with solids. The emptying of liquids takes place by reversing the flow of air generated by the turbine, eliminating any problem of possible blocking of the transfer pumps.

Features:

- Turbine with single-phase motor
- Liquid aspiration time L/sec 130/30
- Liquid discharge time L/sec 130/50
- Microperforated galvanized steel basket
- Level probe with automatic blocking system
- Suction mouth Ø 50 mm
- immediate recovery of metalworking fluids with direct return to the sump via drainage pipe with ball valve
- frame with storage compartment for accessories

Composition

Washable nylon filter
PUR hose Ø 50 mm x 3 m.
Rubber bore Ø 50 mm
Exhaust pipe Ø 35 mm x 3 m.
Ball valve 1" - 1/4
Flat metal nozzle L 400 mm
Anti-oil rubber tapered nozzle

CODE	Price List	HT	Liquid capacity L	Solid capacities L	Power supply V - Hz	Power kw - HP	Max. depression mBar	Max. air flow rate L/min	Sound level dB(A)	Dimensions mm
H4100130	3.986,00	2.850,00	130	40	230 - 50/60	2.4 - 3	230	5500	70	700 x 1180 x 1320 h



- **Up to 99.99% fumes, smoke and vapour removal (EN 779 - EN 1822 HEPA standard)**
- **Clean and healthy environment (Leg. Decree 25/02 - Leg. Decree 81/2008)**
- **Reduction of health risks for the operator**
- **Low maintenance costs**

Aspirator based on an inertial and mechanical system capable of eliminating oil mist, fumes and vapours generated by mechanical processes using neat oils. It features an innovative system designed to achieve an effective and ultra high abatement of pollutants directly at the source, with the positioning of the electric fan downstream in relation to the filter battery. This feature allows quick and easy replacement, maintenance and periodic inspection directly from the filter compartment door. Decanting and filtration is performed through the stilling chamber, the prefilters, the high efficiency cartridge H12, the two absolute filters H13, so as to obtain a filtration rate of 99.99%. Supply voltage 400 V / 50 Hz three-phase.

Composition

Luminous clogging detector signal

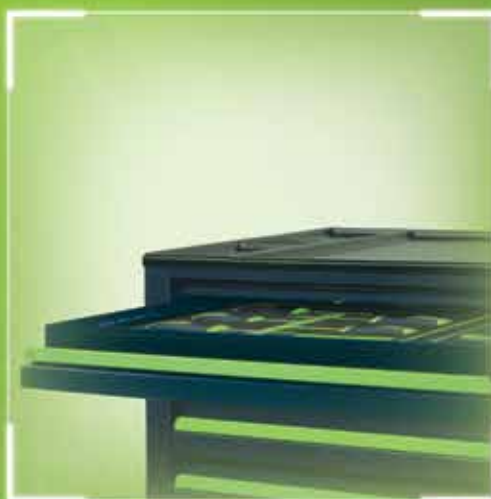
Pre-filters

H12 cartridge

2 x H13 filters

CODE	Price List	HT	Model	Suction air flow m³/h	Power kw	suction Ø mm	Noise level dBa	Static pressure Pa	Filtering surface m²
H54700500	4.148,10	3.000,00	AFM MIST PLUS - 500	700	0,55	125	62	820	5.7
H54701000	4.764,10	3.450,00	AFM MIST PLUS - 1000	1200	1,1	150	64	1100	8.4
H54702000	5.612,20	4.050,00	AFM MIST PLUS - 2000	2100	1,5	200	68	1400	11.9
H54703000	6.175,40	4.500,00	AFM MIST PLUS - 3000	3100	2,2	250	72	2000	14

MRO



WODEX

TOOL CABINETS WITH MRO ASSORTMENTS



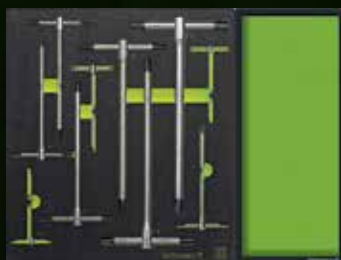
CODE	Price List	HT	
E8260B7	849,00	450,00	Wodex WX9445/B7SCS trolley
E7750129	4.769,00	1.019,00	Wodex WX9445/B7SCS trolley + 129-tool set

CODE	Price List	HT	
E8215B7S	4.989,00	700,00	Wodex WX9410/B7SCS trolley
E7752129	2.407,00	1.269,00	Wodex WX9410/B7SCS trolley + 129-tool set

+ 129 TOOLS



WX1060/SE16	Combination wrenches
WX4230/SE10	Screwdrivers for slotted and Phillips screws



WX2717/SE10	T-handle hexagonal wrenches with fixed shaft
WX9492	Empty tray



WX2095/SE71	1/4" and 1/2" socket wrenches
WX3750/SE4	Pliers and Cutters
WX9492	Empty tray



WX9505/SE6	Assorted tools
WX9512/SE12	Hacksaws and cutters



ADJUSTABLE PLIERS FOR PIPES AND NUTS 88 01 180/250/300/400 ALLIGATOR®



CODE	Price List	HT	Length mm	Max opening mm
F05475180	22,65	16,48	180	42
F05475250	23,85	17,35	250	50
F05475300	35,85	26,00	300	70
F05475400	70,90	51,00	400	90



ADJUSTABLE PLIERS FOR PIPES AND NUTS - COBRA® 87 01 125/150/180/250/300/400/560 COBRA®



CODE	Price List	HT	Length mm	Max opening mm
F05480125	27,50	20,00	125	27
F05480150	28,20	20,50	150	32
F05480180	29,60	21,50	180	42
F05480250	34,40	22,80	250	50
F05480300	43,75	32,00	300	70
F05480400	76,50	56,00	400	90
F05480560	127,95	93,00	560	115



ADJUSTABLE WRENCH PLIERS 86 03 125/150/180/250/300/400



CODE	Price List	HT	Length mm	Max opening mm
F0580125	54,90	38,00	125	23
F0580150	67,40	42,00	150	27
F0580180	58,95	43,00	180	35
F0580250	67,50	49,00	250	46
F0580300	83,95	61,00	300	60
F0580400	148,10	108,00	400	85



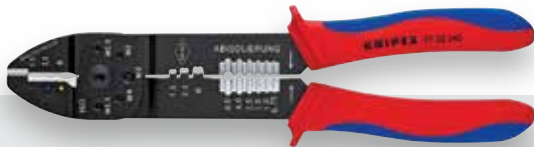
CUTTING NIPPERS FOR PLASTIC MATERIALS 72 11 160



CODE	Price List	HT	Length mm
F1760160	45,10	33,00	160



CRIMPING PLIERS 97 22 240



CODE	Price List	HT	Section mm²	AWG	Length mm
F1010240	27,90	20,00	0.70 - 6	20 - 10	240



PRECIFORCE® CRIMPING PLIERS 97 52 36



CODE	Price List	HT	Section mm²	AWG	Length mm
F1015220	440,60	86,00	0.5 - 6	20 - 10	220



CRIMPING PLIERS FOR END SLEEVES 97 53 04



CODE	Price List	HT	Section mm²	AWG	Length mm
F1035180	480,35	131,00	0.08 - 10 + 16	28 - 5	180



CRIMPING PLIERS FOR END SLEEVES 97 53 14



CODE	Price List	HT	Section mm²	AWG	Length mm
F1036180	489,60	138,00	0.08 - 10	28 - 7	180



TORQUE WRENCHES CLICK-ACTION



CODE	E6707005	E6707010	E6707012
Price List	390,60	350,99	363,43
HT	220,00	234,00	245,00
Capacity Nm	6 ÷ 50	20 ÷ 100	25 ÷ 130
Connection mm	9 x 12	9 x 12	14 x 18
b mm	28	28	28
h mm	23	23	23
L mm	315	370	410
LF mm	288	370	390
SF mm	17,5	17,5	25

CODE	E6707020	E6707040	E6707065
Price List	399,67	584,95	862,73
HT	266,00	387,00	574,00
Capacity Nm	40 ÷ 200	80 ÷ 400	130 ÷ 650
Connection mm	14 x 18	14 x 18	14 x 18
b mm	28	28	30,6
h mm	23	23	25,6
L mm	455	590	875
LF mm	435	570	855
SF mm	25	25	25

TORQUE WRENCHES CLICK-ACTION



CODE	E6708005	E6708015
Price List	407,60	409,86
HT	272,00	273,00
Capacity Nm	6 ÷ 50	30 ÷ 150
Coupling	3/8"	1/2"
b1 mm	28	28
b2 mm	27,5	41
h1 mm	23	23
h2 mm	14,5	18
L mm	352	452
LF mm	293	387

CODE	E6708020	E6708030
Price List	440,43	507,24
HT	293,00	338,00
Capacity Nm	40 ÷ 200	60 ÷ 300
Coupling	1/2"	1/2"
b1 mm	28	28
b2 mm	41	44
h1 mm	23	23
h2 mm	18	27,5
L mm	483	552
LF mm	418	486

TORQUE WRENCHES FOR INSERT TOOLS



CODE	E6710002	E6710005	E6710010	E6710012	E6710020
Price List	350,99	360,95	401,93	425,79	459,55
HT	234,00	240,00	268,00	284,00	305,00
Capacity Nm	4 ÷ 20	10 ÷ 50	20 ÷ 100	25 ÷ 130	40 ÷ 200
Connection mm	9 x 12	9 x 12	9 x 12	14 x 18	14 x 18
b mm	28	28	28	28	28
h mm	23	23	23	23	23
L mm	275	330	386	421	467
L F mm	226	280,5	336	379	424
S F mm	17,5	17,5	17,5	25	25

CODE	E6710040	E6710065	E6710066	E6710080	E6710100
Price List	668,09	996,39	1.023,54	1.291,84	1.613,39
HT	445,00	663,00	681,00	860,00	1.073,00
Capacity Nm	80 ÷ 400	130 ÷ 650	130 ÷ 650	160 ÷ 800	200 ÷ 1000
Connection mm	14 x 18	14 x 18	22 x 28	22 x 28	22 x 28
b mm	28	30,6	30,6	30,6	30,6
h mm	23	25,6	25,6	25,6	25,6
L mm	607	890	911	1178	1363
L F mm	564,5	848	900	1167	1352
S F mm	25	25	55	55	55

ELECTRONIC TORQUE WRENCHES



CODE	E6715002
Price List	607,67
HT	380,00
Capacity Nm	1-20
Coupling	1/4"
b mm	22,6
h1 mm	26
h2 mm	10
L mm	210
LF mm	160



REVERSIBLE AIR DRILLS



CODE	L100606
Price List	89,00
HT	62,00
Steel drilling capacity mm	6
Chuck fitting UNF	3/8"
Power Kw	0,23
Speed A/R Rpm	2600
Noise level dBA	84
Vibration level m/s²	0,4
Air inlet connector NPT	1/4" F
Air consumption L/min	690
Length mm	148
Weight kg	0,6



AIR IMPACT WRENCHES



CODE	L004812
Price List	227,00
HT	159,00
Square coupling ■	1/2"
Torque range Nm	520
Max torque Nm	870
Idle speed Rpm	8000
Blows per minute Nr	1300
Air inlet connector NPT	1/4"
Air consumption L/min	538
Air Inlet hose Ø int. mm	10
Noise level dBA	91,3
Vibration* m/s²/K	8,1 / 1,2
Dimension L x P x H mm	117 x 60 x 181
Weight kg	1,2



AIR IMPACT WRENCHES



CODE	L005312
Price List	543,00
HT	377,00
Square coupling ■	1/2"
Torque range Nm	1180
Max torque Nm	1760
Idle speed Rpm	8,500
Blows per minute Nr	1220
Air inlet connector NPT	1/4"
Air consumption L/min	678
Air Inlet hose Ø int. mm	10
Noise level dBA	91,9
Vibration* m/s²/K	9,0 / 2,8
Dimension L x P x H mm	193 x 74 x 183
Weight kg	2,1



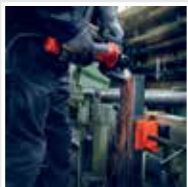
PNEUMATIC GRINDERS



CODE	L128003
Price List	293,00
HT	149,00
Collect Ø mm	3
Power Watt	70
Max speed Rpm	60000
Air Inlet NPT	1/8" F
Air consumption L/min	220
Air inlet tube Ø int. mm	6
Noise level dBA	83
Vibration* m/s²	2,4 / 0,73
Length mm	140
Weight kg	0,23

**NEW****MAGNETIC SCREW VICES****VERSAMAG**

Magnetic screw vices with 100 mm jaw width. Portable, for quick and flexible use, it adapts to any work environment thanks to its compact structure and very thin permanent magnet. Modular system guarantees a secure seal in multiple applications. Clamping range 108 mm and jaw width 100 mm. Replaceable jaws at different heights for clamping large materials such as sheet metal and pipes. Clamping in small spaces, vertically, safe on all magnetic surfaces, even very thin sheets (starting from 4 mm thick). Up to 7800N of holding force.



CODE	Price List	HT	Jaw width mm	Magnetic holding force N	Magnetic base dimension mm	Weight kg
N4086100	489,00	399,00	100	7800	212X70	7,25

WODEX**GERMAN TYPE HAMMERS**

CODE	Price List	HT	Weight g	Handle mm
F51150100	7,82	4,70	100	260
F51150200	8,60	5,30	200	280
F51150300	9,60	6,00	300	300
F51150400	11,34	6,90	400	310
F51150500	12,63	7,70	500	320
F51150600	14,62	9,00	600	330
F51150800	16,87	10,32	800	350
F51151000	19,54	11,93	1000	360
F51151500	25,29	15,47	1500	380
F51152000	33,74	21,50	2000	400

WODEX**COPPER HAMMERS**

CODE	Price List	HT	Weight g	Handle mm
F53910200	27,30	14,00	200	230
F53910300	32,30	15,00	300	255
F53910400	37,78	18,00	400	275
F53910500	46,20	24,00	500	275
F53910600	50,49	27,00	600	275
F53910800	64,56	35,00	800	280
F53911000	76,47	44,00	1000	280
F53911500	109,00	65,00	1500	295
F53912000	149,00	88,00	2000	295

FREE

CODE	Tape length m
F912305	5

Flexometer 5 m F912305 free with the purchase of a mallet



NEW

CERABOND X FLAT CUTTING DISCS

Latest generation ceramic cutting disc. The new abrasive grain technology combined with a bond with extraordinary holding power makes the disc exceptional in cutting performance and durability. Very sharp, it allows work with reduced effort. Ideal for all materials including the hardest and most demanding steels.

P	M	K	N	S	H
●	●	○	○		

CODE	Price List	HT	Ø x S x F mm
G024011510	2,83	1,65	115 x 1,0 x 22,2
G024012510	2,49	1,78	125 x 1,0 x 22,2



NEW

DEPRESSED CENTRE DEBURRING WHEELS CERABOND X

Ceramic grinding wheels of the latest generation. The combination of the new abrasive grain structure and the bond with extraordinary holding power offers constant abrasiveness throughout the life of the grinding wheel. Ideal for all materials whether flat or edge grinding or removing welds.

P	M	K	N	S	H
●	●	○	○		

CODE	Price List	HT	Ø x S x F mm
G036011570	9,29	4,86	115 x 7 x 22,2
G036012570	9,96	5,43	125 x 7 x 22,2
G036023070	24,89	11,44	230 x 7 x 22,2



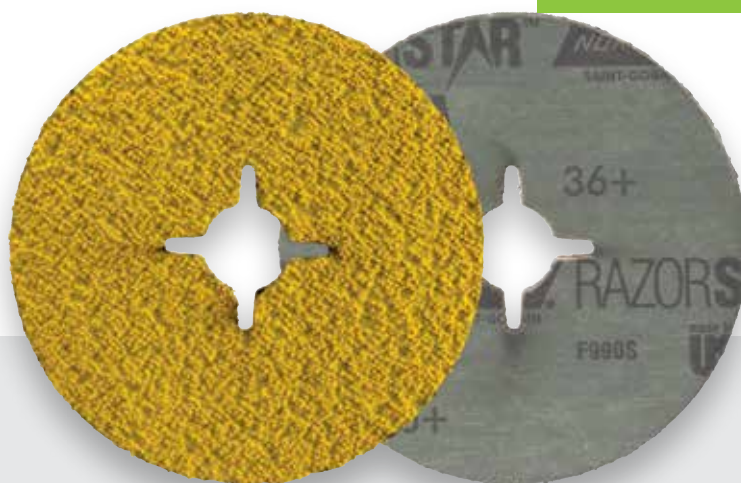
NEW

RAZOSTAR FIBRE DISCS

Ultra-high performance ceramic fibre disc. The new Shaped Grain Razorstar® abrasive grain offers outstanding stock removal combined with superior tool life. In addition, the Topsize additive provides an anti-overheating effect that prevents burn marks and makes the disc suitable for machining all steels and stainless steels. To be used with a suitable backing pad and on high-powered electric or pneumatic machines.

P	M	K	N	S	H
●	●	○	○		

CODE	Price List	HT	Ø mm	Grit
G2170115036	2,84	1,93	115 x 22,2	36
G2170125036	3,23	2,22	125 x 22,2	36





NEW



€ 649 ,00

N418818

M18 FMTIW2FI2-502X

CORDLESS IMPACT WRENCHES 18V

Medium torque impact screwdriver capable of delivering up to 745 Nm of torque. Compact: overall length 152 mm, for applications in tight spaces. Friction ring 1/2" square. 4-mode DRIVE CONTROL system that allows you to choose from four different speed and torque settings, for maximum flexibility in different applications. Bolt Removal mode for more control when unscrewing: decrease in RPM once the bolt is loosened to prevent it from falling out. FUEL™ technology: Brushless motor, REDLINK PLUS™ electronics and REDLITHIUM™ battery pack offer exponential performance and durability. Works with all M18™ batteries.

Supplied:
2 x 5 Ah batteries
1 x Charger
1 x HeavyDuty case

CODE	N418818
Battery tension V	18
Battery capacity Ah	5
Battery type	Li-Ion
Tightening torque coupling max. Nm	745
Ø max.bolt	M22
Impact rate Bpm	0-900/ 0-2100/ 0-3100
No-load speed Rpm	0-1200/ 0-1950/ 0-2575/ 0-1325
Max. torque in reverse Nm	881
Weight kg	2,3



FREE

M18 BLHIWF12-0X

HIGH TORQUE 1/2" M18™ BRUSHLESS IMPACT WRENCH WITH FRICTION RING

Compact yet powerful, it allows access in tight spaces thanks to its 222 mm length. FUEL™ technology: Brushless motor, REDLINK PLUS™ electronics and REDLITHIUM™ battery pack offer exponential performance and durability. Works with all M18™ batteries. Fast operation thanks to 1750 RPM.

Scope of delivery:
1 x HeavyDuty case

CODE	N582018
Battery tension V	18
Battery capacity Ah	5
Battery type	Li-Ion
Max. tightening torque Nm	1085
Coppia max svitatura Nm	1627
No-load speed Rpm	0 - 1750
Impact rate Bpm	0 - 2000
Weight kg	3,4



NEW

PROTECTIVE EYEWEAR WITH ELASTIC BAND



CODE	Price List	HT	Filter	Gradation	
K4223100	49,00	8,50	2C - UV filter	1.2 - Clear lens	1



NEW

POLYCARBONATE PROTECTIVE EYEWEAR



CODE	Price List	HT	Filter	Gradation	
K4226100	9,40	1,70	2C - UV filter	1.2 - Clear lens	1



NEW

PROTECTIVE POLYCARBONATE EYEWEAR



CODE	Price List	HT	Filter	Gradation	
K4230100	9,90	3,50	2C - UV filter	1.2 - Clear lens	1

3M

DISPOSABLE EARPLUGS



CODE	Price List	HT	Frequency Hz	Attenuation dB	
K4320200	0,27	0,14	H - M - L - SNR	37 - 34 - 31 - 35	200

WODEX 

TOP LINE COW GRAIN LEATHER GLOVES



NEW



CODE	Price List	HT 12 pcs	HT 120 pcs	HT 360 pcs	Size	EU size
K210208	3,90	2,80	2,00	1,60	L	8
K210209	3,90	2,80	2,00	1,60	XL	9
K210210	3,90	2,80	2,00	1,60	XXL	10
K210211	3,90	2,80	2,00	1,60	XXXL	11

WODEX 

NEW

POLYESTER GLOVES POLYURETHANE COATED



2121X



Ventilated back
Elasticated wrist

CODE	Price List	HT 12 pcs	HT 120 pcs	HT 360 pcs	Size	Eu size
K231806	1,70	1,10	0,70	0,55	S	6
K231808	1,70	1,10	0,70	0,55	L	8
K231809	1,70	1,10	0,70	0,55	XL	9

WRK

GLOVES IN POLYESTER COATED IN POLYURETHANE



2121X



Ventilated back
Elasticated wrist

CODE	Price List	HT 12 pcs	HT 120 pcs	HT 360 pcs	Size	EU size
K23107	1,65	1,00	0,60	0,45	M	7
K231010	1,65	1,00	0,60	0,45	XXL	10

FREE



CODE	Size
K0480S	S
K0480XL	XL
K0480XXL	XXL

Free with purchase of 360 pairs of K2310 gloves

DISPOSABLE GLOVES IN EMBOSSED NITRILE



JKLOPT

VIRUS



Thickness 0.19 mm



CODE	Price List	HT 1 pcs	HT 20 pcs	Size	EU size
K25138	15,00	11,00	6,80	M	8
K25139	15,00	11,00	6,80	L	9
K251310	15,00	11,00	6,80	XL	10

WRK

DISPOSABLE NITRILE GLOVES



EN 374-1



Thickness 0.12 mm

CODE	Price List	HT 20 pcs	Size	EU Size
K251607	9,50	5,00	S	7
K251608	9,50	5,00	M	8
K251609	9,50	5,00	L	9
K251610	9,50	5,00	XL	10

FREE



CODE	Size	CODE	Size
K067548	48	K067556	56
K067550	50	K067558	58
K067552	52	K067560	60
K067554	54	K067562	62

Free with purchase of 20 boxes of gloves K2516

SAFETY SHOES

ART. FIRST 700 SIPL 221233 1NI

€ **44**,00

K1626



SAFETY SHOES

FIRST 600 S3L 221234 2OJ

€ **47**,00

K1625



SAFETY SHOES

MOVE 400 SIPL 220484 2AW

€ **55**,00

K1643



SAFETY SHOES

JUMP 500 II SIPL 218706 5OK

€ **65**,00

K1620



INFO SAFETY FOOTWEAR



Tip 200 joules



Security requirements S1P



Anti-static sole



Security requirements S1PL



Energy absorption in the heel



Security requirements S3



Resistance to hydrocarbons



Security requirements S3L



Waterproof upper



Security requirements S5



Water-repellent upper



Electrostatic discharge protection



Heat resistance by contact



Non-slip tread



Breathable leather upper



Non-slip tread for ceramic+glycerin



Anti-puncture plate

K1626	K1625	K1643	K1620	EU size	US size
K162638	K162538	K164338		38	5,5
K162639	K162539	K164339	K162039	39	6
K162640	K162540	K164340	K162040	40	7
K162641	K162541	K164341	K162041	41	8,5
K162642	K162542	K164342	K162042	42	9
K162643	K162543	K164343	K162043	43	10
K162644	K162544	K164344	K162044	44	10,5
K162645	K162545	K164345	K162045	45	11
K162646	K162546	K164346	K162046	46	11,5
K162647	K162547	K164347	K162047	47	12



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.

Can always be adapted to new items to be stored thanks to the flexibility of installation and rearrangement of shelves, drawers and individual elements with a 25 mm pitch. Height of shelf edges only 25 mm to make the most of the shelves.



CODE	Price List	HT	Dimension mm	Shelves n°	Description	Capacity kg
P630800	276,46	230,00	1000 x 400 x 2000	5 x 160 Kg	Universal shelving	2800
P6308A00	490,70	160,00	1000 x 400 x 2000	5 x 160 Kg	Additional bay	2800

LISTA

CABINETS WITH SHEET METAL DOORS

Cabinets with two doors in sheet metal. The doors close flush with the structure of the cabinet with an opening of about 115 degrees. Maximum stability and high capacity of shelves. Extraordinary characteristics of protection against dirt, liquids and mechanical stress, thanks to the closed cabinet structure, with impact-resistant and wear-resistant surfaces. Equipped with key lock.



CODE	Price List	HT	Dimension mm	Shelves	Colour	Load capacity kg
P3053B01	760,50	490,00	1000 x 500 x 1950h	4 x 60kg	RAL 5012	500
P3053B02	760,50	490,00	1000 x 500 x 1950h	4 x 60kg	RAL 7035	500



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.

CODE	Price List	HT	Dimension mm	Supports	Colour
P1049A01	327,50	195,00	588 x 413 x 345	24 ISO-SK 40	RAL 5012
P1049A02	327,50	195,00	588 x 413 x 345	24 ISO-SK 40	RAL 7035

INFRARED HEATERS



Extremely functional and versatile 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 and do not emit harmful substances. Their special reflectors make HELIOS RADIANT TITAN very powerful heaters. HELIOS RADIANT TITAN heaters allow savings of more than 60% compared to conventional heating systems because they only heat the areas of interest without dispersion. They can be equipped with timers, thermostats and presence detectors. They are also used in many industrial processes. IP25 protection, colour white.

Model Single
Power W 2000
Heated area m² 28
Dimensions mm 470 x 230 x 130
Weight kg 3,8

CODE	Price List	HT
N6060120	499,00	390,00



N6060RP
Presence detector
free with purchase of N6060120





Fami

HEIGHT ADJUSTABLE WOODEN TOP WORKBENCHES

The wooden top workbenches are designed with seat ergonomics in mind, with the option of adjusting the height from a minimum of 740 mm to a maximum of 1110 mm. Multiplex wood top 30 mm thick. Supplied disassembled.



CODE	Price List	HT	Dimension mm	Load capacity kg	Weight kg	Colour
P002710000	434,50	240,00	1024 x 750 x 740/1100h	600	48	RAL 5012
P002715000	544,00	285,00	1500 x 750 x 740/1100h	600	65	RAL 5012
P002720000	590,00	325,00	2000 x 750 x 740/1100h	600	115	RAL 5012

** It is recommended to use a pair of brackets per leg P0127 if there is no drawer unit*



Fami

WHEELS SET FOR BENCHES

CODE	P0053KRU
Price List	89,90
HT	48,50
Ø mm	125
Material	Synthetic non-marking rubber
Load capacity kg	300

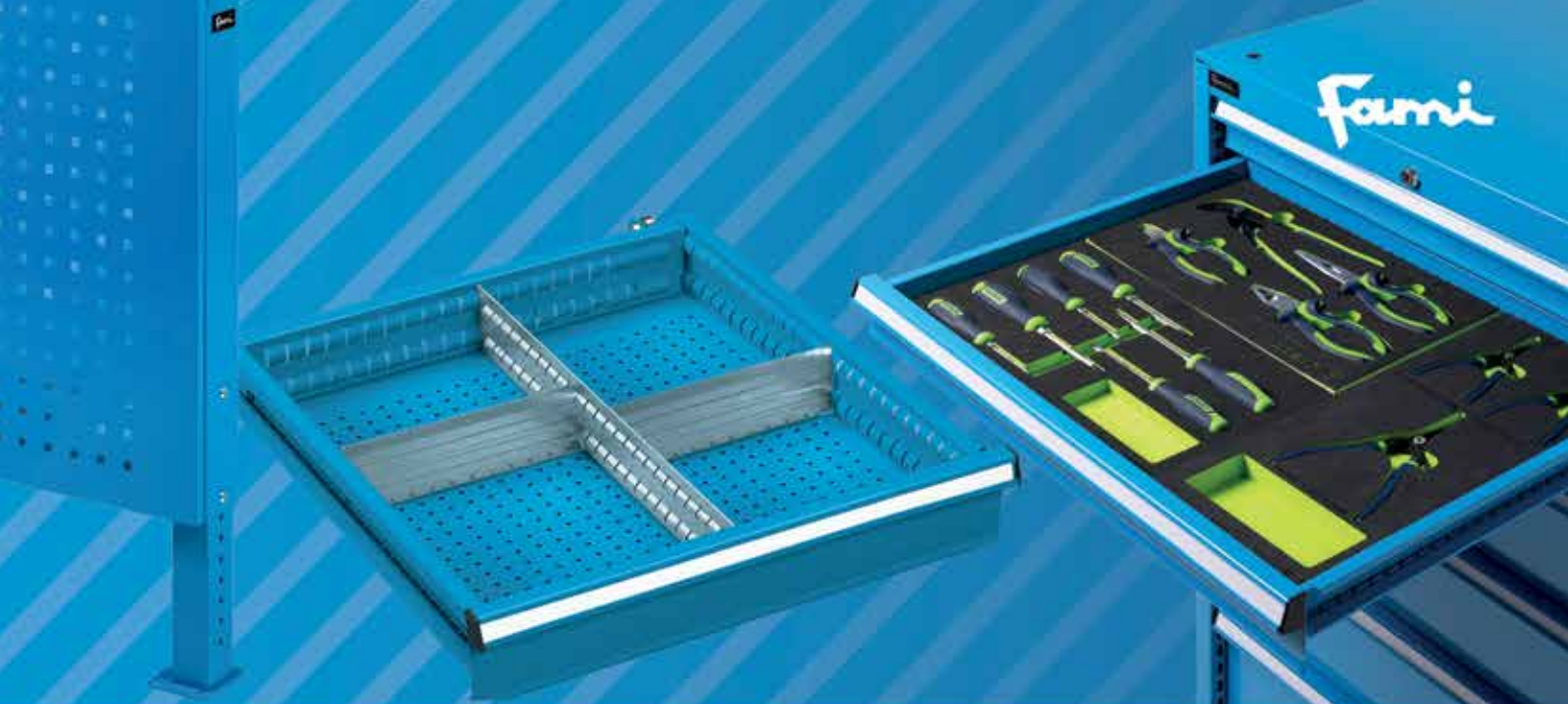
NEW



Fami

SWIVEL CHAIRS WITH HEIGHT ADJUSTMENT

CODE	P032401
Price List	350,50
HT	185,00
Regulation mm	540/730
Finish	Polyurethane
Weight kg	11,2



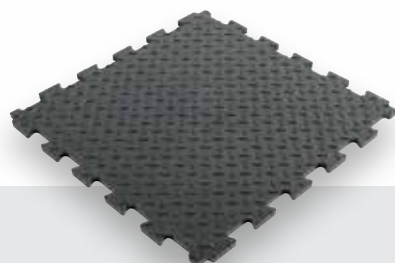
CABINETS WITH FULL EXTENSION DRAWERS

Cabinet with full extension drawers and central lock, consisting of 9 drawers, height 100 mm.



CODE	Price List	HT	Dimensions mm	Drawers n°	Drawer capacity kg	Colour
P21109C01	4.294,50	740,00	717 x 600 x 1000 h	9	70	RAL 5012
P21109C02	4.294,50	740,00	717 x 600 x 1000 h	9	70	RAL 7035

MODULAR PADS WITH RICE GRAIN FINISH



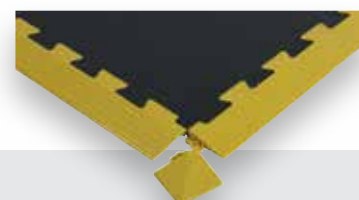
CODE	P7421ULT
Price List	19,42
HT	12,50
Dimension mm	520 x 520
Thickness mm	14
Weight kg/m²	2,38

RAMPS-DESCENT



CODE	P7422ULTG
Price List	20,40
HT	12,50
Dimension mm	520 x 60
Weight kg	0,24
Colour	Yellow

ACCESS ANGLES WITH RICE GRAIN FINISH



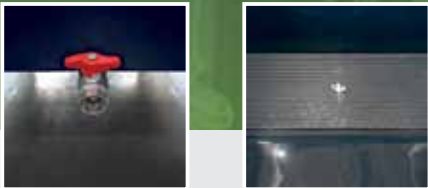
CODE	P7426AG
Price List	6,93
HT	7,50
Dimension mm	60 x 60
Weight kg	0,025
Colour	Yellow

TILTABLE BUCKETS FOR SCRAP

WX9900

Tipping containers that can be tipped with a forklift truck.
Simple and safe automatic emptying of the container by means of a tilting lever without getting off the trolley.

Product conforms to European standards,
colour RAL 5004.



CODE	Price List	HT	Model	Capacity kg	Weight kg	A x B x C mm	D mm	E mm	Inclination °	Faucet
P4511280	4.300,00	655,00	lt - 280	600	80	970 x 750 x 890	700	790	25.1	lateral
P4511300	4.450,00	745,00	lt - 300	600	102	1350 x 820 x 650	490	520	63.5	frontal
P4511500	4.600,00	800,00	lt - 500	1000	130	1350 x 920 x 910	700	740	57.6	front
P4511750	4.700,00	875,00	lt - 750	1350	152	1350 x 1070 x 1040	825	800	49.6	frontal
P45111000	4.900,00	950,00	lt - 1000	1700	181	1550 x 1070 x 1210	970	920	54	frontal

SACCHERIA FRANCESCHETTI

BIG BAG

Big Bag standard UN 13H3Y approved with four lifting straps. In polypropylene.



CODE	Price List	HT	Dimension cm	Volume m³	Load capacity kg	Form	Type approved
P7014U2	44,00	9,50	90 x 90 x 120	0,97	1000	Cloded bottom	13H3Y
P701401	42,00	6,85	90 x 90 x 120	0,97	1000	Closed bottom	-
P701402	45,00	8,00	90 x 90 x 120	0,97	1500	With drain valve	-

* Minimum order quantity 10 pieces

TROLLEYS WITH 3 SHELVES
WX9402

3-shelf trolley with ribbed mat on top shelf only, the two middle shelves are without mat.
Equipped with fall-prevention edges on all shelves to prevent objects from falling during transport.
Load evenly distributed between shelves.
Handle with black, glass-fibre reinforced technopolymer end caps. Metallised grey aluminium tube, 2 mm thick.
Consisting of two fixed rubber wheels (Ø 125 mm), one with brake.

Supplied disassembled.
Painted RAL 5004 blue epoxy.



CODE	Price List	HT	Dimension mm	Capacity kg	Weight kg
P543501	360,00	199,00	1028 x 615 x 846	300	35

LTEC
LIQUID VACUUM CLEANERS BREEZY 25

Reliable, practical and versatile professional dust and liquid vacuum cleaners

Twin turbine motors | Steel drum (25 litre polypropylene model) | Practical and sturdy locking hooks | Shockproof head | Splashproof switch | 4 smooth-running, non-marking wheels | Quick hose connection
Standard accessories included



CODE	Price List	HT	Can L	Electric motors N°	Tension V	Depression mm/H ₂ O	Air capacity m ³ /h	Dimension cm	Weight kg
N590001	257,00	200,00	25	1	230	2200	180	34 x 34 x 64 h	6
N591001	330,00	260,00	35	1	230	2200	180	40 x 40 x 77 h	10
N592001	370,00	300,00	50	1	230	2400	220	47 x 47 x 93h	20
N593001	714,00	570,00	70	2	230	2200	360	60 x 59 x 105 h	22

HANDLING





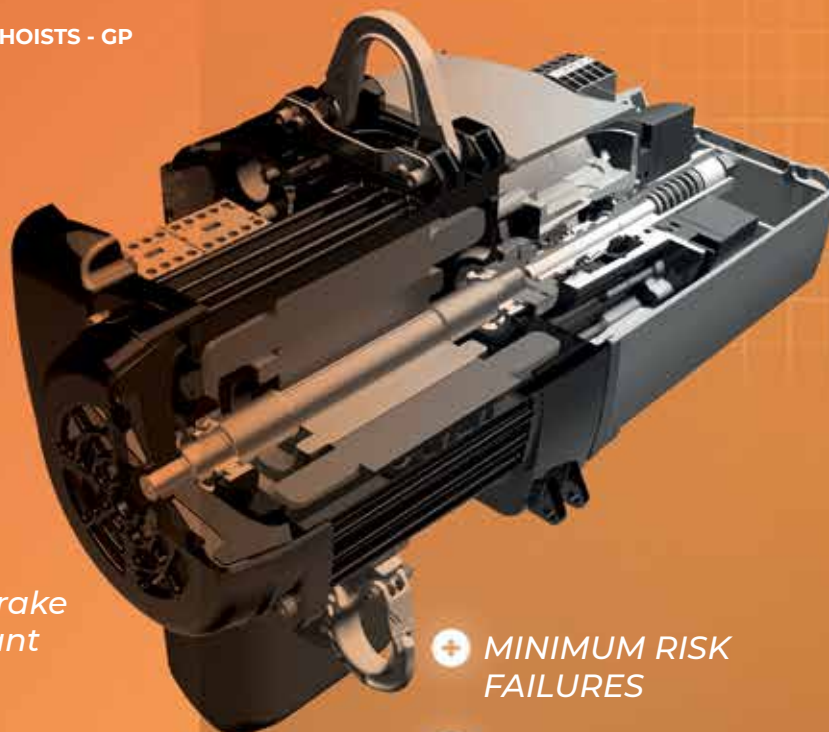
ELECTRIC CHAIN HOISTS - GP

*Couplings
shaft-hub
polygonal*

*No
electronics
sensitive*

*DC spring brake
wear-resistant*

*Chain with high
safety coefficient*



- + MINIMUM RISK FAILURES
- + REDUCED TIME AND MAINTENANCE COSTS
- + USABLE BETWEEN -15°C AND 50°C
- + SUITABLE FOR USE IN OUTDOOR ENVIRONMENTS



CODE	Price List	HT	LOAD CAPACITY kg	MODEL	CLASS FEM (ISO)	SPEED m/min	NR. CHAIN FALLS N°	EXCURSION m	POWER kW	INTENSITY A	Weight kg
M00051251NF2	2.236,00	1.750,00	125	GP250/1NF	4m (M7)	8/2	1	3	0,72 / 0,18	2,8 / 1,7	24
M00052001NF2	2.236,00	1.750,00	200	GP250/1NF	3m (M6)	8/2	1	3	0,72 / 0,18	2,8 / 1,7	24
M00052501NF2	2.236,00	1.750,00	250	GP250/1NF	2m (M5)	8/2	1	3	0,72 / 0,18	2,8 / 1,7	24
M00055002NF	2.340,00	1.880,00	500	GP250/2NF	2m (M5)	4/1	2	3	0,72 / 0,18	2,8 / 1,7	25
M000510002NF	2.626,00	2.030,00	1000	GP500/2NF	2m (M5)	4/1	2	3	0,72 / 0,18	2,8 / 1,7	28
M000516002NF	3.744,00	2.950,00	1600	GP1000/2NF	3m (M6)	4/1	2	3	2,3 / 0,68	5,7 / 4,1	66
M000520002NF	3.744,00	2.950,00	2000	GP1000/2NF	2m (M5)	4/1	2	3	2,3 / 0,68	5,7 / 4,1	66



FREE

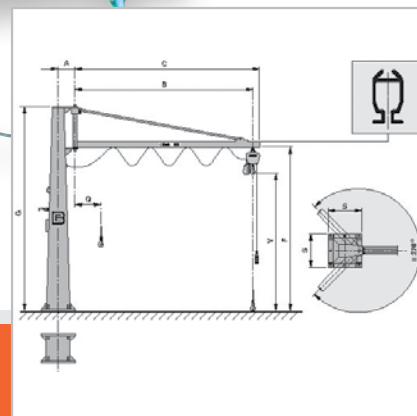
*In omaggio con il paranco
M0990DT - Scheda per dispositivo
contattaci per paranchi GP - GCH*



B·HANDLING

COLUMN-MOUNTED JIB CRANES WITH GIS
SYSTEM KB PROFILE ARM

FOR FREE
1270078
Crane capacity sign 300 x 200



CODE	Price List	HT	LOAD CAPACITY kg	MODEL	ARM LENGTH 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
M10101253000	4-632,00	1.230,00	125	SC 125/3000	3020	2855	200	2530	3020	405	400	1975	4	1	6	1210	190
M10101254000	2-192,00	1.660,00	125	SC 125/4000	4030	3865	305	3430	4025	570	560	2875	5	1A	3	720	280
M10101255000	2-366,00	1.790,00	125	SC 125/5000	5030	4865	305	3430	4025	655	560	2875	6	1A	4	890	300
M10102004000	2-279,00	1.730,00	200	SC 200/4000	4030	3865	305	3430	4025	570	560	2875	7	1A	5	1100	285
M10102005000	2-495,00	1.890,00	200	SC 200/5000	5030	4850	305	3425	4025	670	560	2865	8	1A	6	1360	320
M10102006000	2-662,00	2.150,00	200	SC 200/6000	6030	5850	305	3425	4025	680	560	2865	8	1A	7	1620	330
M10105004000	4-263,00	3.200,00	500	SC 500/4000	4035	3855	320	3495	4320	600	620	2910	12	2	10	1550	380
M10105005000	5-073,00	3.850,00	500	SC 500/5000	5045	4840	320	3445	4320	730	620	2845	13	2	12	1910	530
M10105006000	5-284,00	4.000,00	500	SC 500/6000	6045	5840	320	3445	4320	730	620	2845	14	2	14	2290	550
M101010004000	6-235,00	4.720,00	1000	SC1000/4000	4045	3720	320	3445	4320	765	620	2845	17	2	19	3100	500
M101010005000	6-384,00	4.840,00	1000	SC1000/5000	5045	4720	320	3445	4320	850	620	2845	18	2	24	3850	630
M101010006000	6-727,00	5.100,00	1000	SC1000/6000	6045	5720	320	3445	4320	950	620	2845	19	2	28	4600	680

B·HANDLING

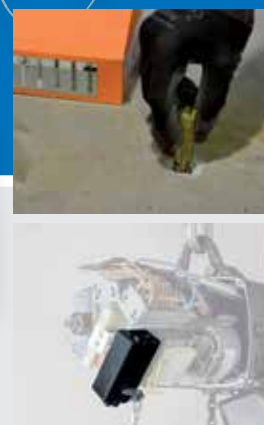
GIS

COMPLETE HANDLING SYSTEM

- COLUMN CRANE SC 200/5000 - 200KG - 5 METRES
- PAR.GIS GP250/INF 200 KG
- OPERATING DATA COUNTER 42V GP SP
- CHEMICAL ANCHOR KIT M16 (4SCREWS+FLASHPLATES)

€ **3500** ,00

1311287



VERTICAL LIFTING CLAMPS

CODE	Price List	HT	Model	Load capacity kg	R opening mm	S mm	T mm	U mm	V mm	W mm	X mm
M7010750	344,00	220,00	0.75 TS	750	0 - 13	47	30	202	100	37	37
M70101000	420,00	270,00	1 TSE	1,000	0 - 25	56	45	263	141	37	47
M70102000	474,00	310,00	2 TSE	2,000	0 - 35	78	64	336	183	56	56
M70103000	534,00	340,00	3 TSE	3,000	0 - 35	78	64	336	183	56	56
M70104500	645,00	420,00	4.5 TSE	4,500	0 - 45	85	70	425	228	60	78



HORIZONTAL LIFTING CLAMPS SETS OF PAIRS

CODE	Price List	HT	Model	Pair capacity kg	Opening mm	A mm	B mm	C mm	D mm	E mm	F mm
M7045100035	464,00	260,00	1 FH-X	2 x 500	0 - 35	188	140	65	10	99	25
M7045200060	504,00	325,00	2 FH-X	2 x 1,000	0 - 60	287	180	90	15	118	30,5
M70452000100	625,00	405,00	2 FHS-X	2 x 1,000	0 - 100	383	180	90	15	120	30,5
M70453000100	741,00	480,00	3 FHS-X	2 x 1,500	0 - 100	387	180	90	20	120	30,5
M70454000100	740,00	555,00	4 FHS-X	2 x 2,000	0 - 100	414	220	105	25	145	30,5



ROUND LIFTING SLINGS

CODE	Price List	HT	Colour	L m	DIRECT PULL	LOOP TYPE	PARALLEL BASKET	DOUBLE fl ≤ 45°	DOUBLE fl ≤ 60°	SINGLE fl ≤ 45°	SINGLE fl ≤ 60°
M73101000X1	9,00	4,50	PURPLE	1.0	1000	800	2000	1400	1000	700	500
M73102000X2	26,00	16,00	GREEN	2.0	2000	1600	4000	2800	2000	1400	1000
M73103000X3	66,00	35,00	YELLOW	3.0	3000	2400	6000	4200	3000	2100	1500



WEB LIFTING SLINGS

CODE	Price List	HT	S mm	L m	DIRECT PULL	LOOP TYPE	PARALLEL BASKET	BASKET fl ≤ 45°	BASKET fl ≤ 60°	Colour
M73201000X1	9,00	5,85	50	1.0	1000	800	2000	1400	1000	PURPLE
M73202000X2	24,00	14,00	60	2.0	2000	1600	4000	2800	2000	GREEN
M73203000X3	42,00	28,00	90	3.0	3000	2400	6000	4200	3000	YELLOW



NEW

SINGLE-STAGE ELECTRIC PACKER STACKER

Complete and compact single-post stacker.

- Compact size, ergonomic
- Powerful maintenance-free gel battery
- Ergonomic tiller with: accelerator, proportional control for the forks, safety button, calcson, turtle button, display with hour meter and battery indicator
- Safe and fast handling and lifting of pallets
- Convenient height-adjustable work surface
- Excellent for movements in narrow spaces, because it can also be used with the rudder in a vertical position while operating in turtle mode



CODE	Price List	HT	Capacity kg	Fork dimension mm	Lift height mm	Post height mm	Weight kg
M901512001600	6.400,00	4.800,00	1200	1150 - 570	1600	1930	585

NEW

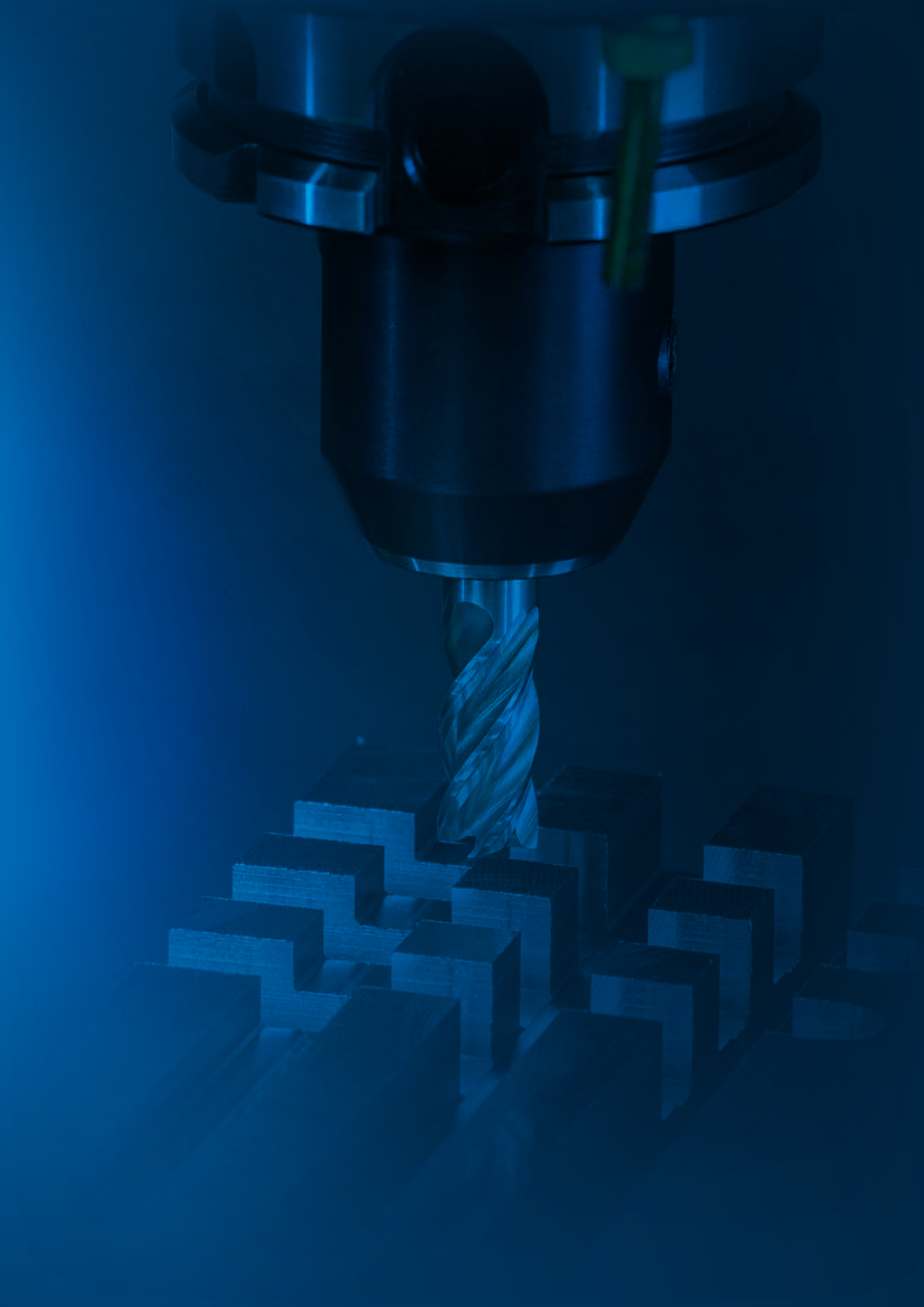
ELECTRIC PALLET TRUCKS

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



CODE	Price List	HT	Capacity kg	Fork size mm	Lift height mm	Translation speed km/h	Weight kg
M91211500	2.900,00	2.175,00	1500	1150 - 540	200	4.6	123
M91212000	3.720,00	2.790,00	2000	800 - 540	200	4.8	153





A+B

Industrial Tools Company

