

METROLOGY

PRECISION TOOLING

HIGHLIGHT TECHNOLOGY

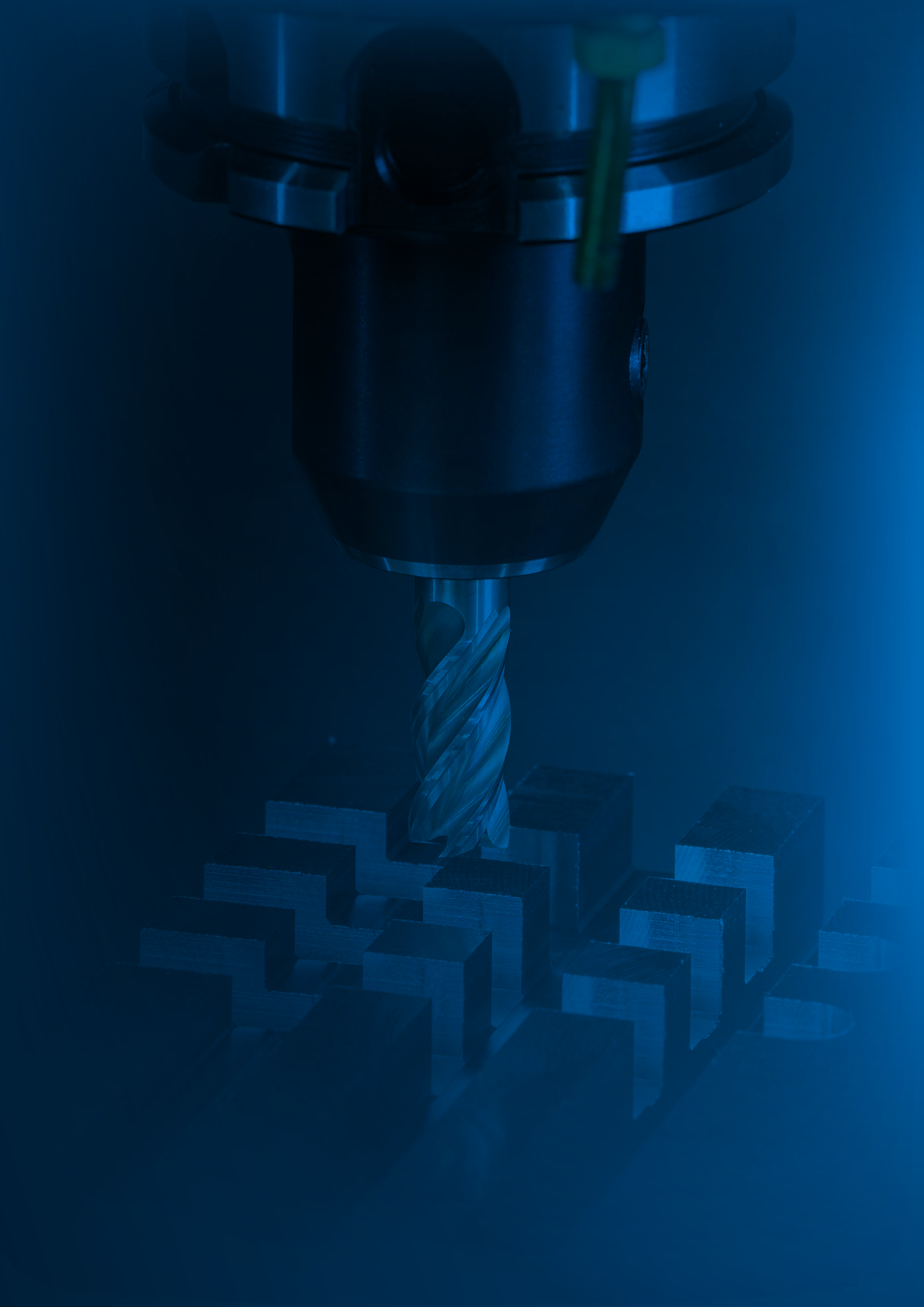
MRO

LUBRICANTS

HANDLING

NET PRICES VALID UNTIL 31.05.25 (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,...).

28

LUBRICANTS



34

MRO

04

PRECISION
TOOLING



*in 3 m
everything*



60
HANDLING

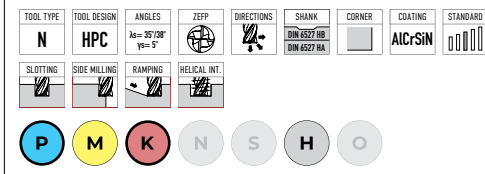
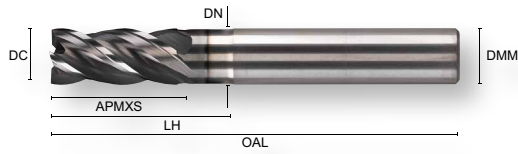


22
METROLOGY

eters
you need

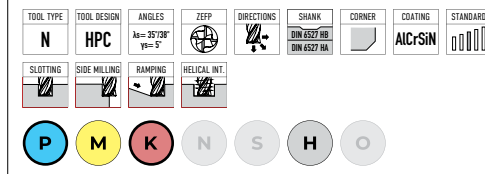
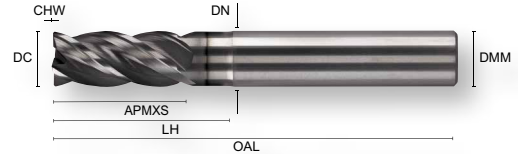
PRECISION TOOLING





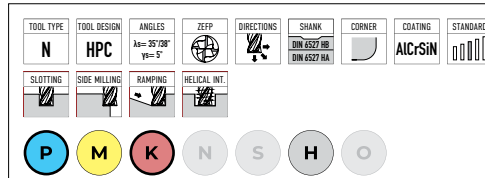
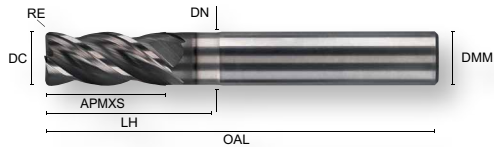
CODE	Price List	HT	DC mm	APMXS mm	DN mm	LH mm	OAL mm	DMM h6 mm	ZEFP
A4S4303	21,42	13,00	3	8	2,8	12	57	6	4
A4S4304	21,42	13,00	4	11	3,8	15	57	6	4
A4S4305	21,42	13,00	5	13	4,8	17	57	6	4
A4S4306	21,42	13,00	6	13	5,8	21	57	6	4
A4S4308	31,83	20,00	8	19	7,7	27	63	8	4
A4S4310	46,18	30,00	10	22	9,7	32	72	10	4
A4S4312	67,19	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	13,00	3	8	2,8	12	57	6	0,15	4
A4S5304	21,75	13,00	4	11	3,8	15	57	6	0,15	4
A4S5305	21,75	13,00	5	13	4,8	17	57	6	0,15	4
A4S5306	21,75	13,00	6	13	5,8	21	57	6	0,2	4
A4S5308	32,45	20,00	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	39,66	19,00	4	0,3	11	3,8	15	57	6	4
A4S160405	29,77	18,00	4	0,5	11	3,8	15	57	6	4
A4S160503	39,66	19,00	5	0,3	13	4,8	17	57	6	4
A4S160505	39,66	19,00	5	0,5	13	4,8	17	57	6	4
A4S160605	29,77	18,00	6	0,5	13	5,8	21	57	6	4
A4S160610	29,77	18,00	6	1	13	5,8	21	57	6	4
A4S160805	39,53	25,00	8	0,5	19	7,7	27	63	8	4
A4S160810	39,94	25,00	8	1	19	7,7	27	63	8	4
A4S161005	66,65	35,00	10	0,5	22	9,7	32	72	10	4
A4S161010	66,65	35,00	10	1	22	9,7	32	72	10	4
A4S161020	59,99	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

New range
UNIVERSAL
Innovative technology

HPC
AT THE HIGHEST
LEVEL!!

+ **HIGH POWER CUTTING**
High chip volumes on
austenitic steels and
titanium alloys

+ **Innovative platex**
coating

+ **Design of the rounded**
evacuation
compartment

+ **Modified front**
clearance angle

Specific carbide

Polished grooves and
rake angle

Specific edge
preparation

END MILLS WITH VARIABLE PITCH Z4



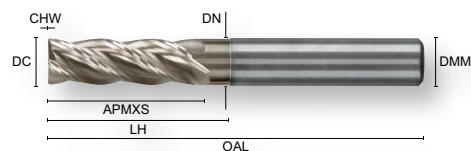
TOOL TYPE N	TOOL DESIGN HPC	INDEX $\neq$	ANGLES As= 25°/28° V= 12°	ZFP 	DIRECTIONS 	SHANK DIN 6325 HB DIN 6325 BA	CORNER 	COATING PLATEX	SHORT
SLOTING 	SIDE MILLING 	RAMPING 	PLUNGING 	HELICAL INT. 					
P	M	K	N	S	H				

CODE	Price List	HT	DC f8 mm	APMXS mm	OAL mm	DMM h5 mm	CHW mm	ZEFP
A4U4104	37,75	23,00	4	8	54	6	0,1	4
A4U4105	37,75	23,00	5	9	54	6	0,1	4
A4U4106	37,75	23,00	6	10	54	6	0,1	4
A4U4108	44,59	28,00	8	12	58	8	0,2	4
A4U4110	64,89	40,00	10	14	66	10	0,2	4
A4U4112	88,09	55,00	12	16	73	12	0,3	4
A4U4116	155,74	97,00	16	22	82	16	0,2	4
A4U4120	226,49	140,00	20	26	92	20	0,3	4

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

KERFOLG

END MILLS WITH VARIABLE PITCH Z4



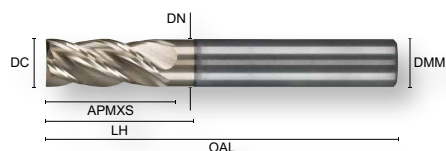
TOOL TYPE N	TOOL DESIGN HPC	INDEX $\neq$	ANGLES A _{iso} = 35°/38° V _{iso} = 12°	ZEP 	DIRECTIONS 	SHANK Ø 25.35 mm Ø 28.635 mm	CORNER 	COATING PLATEX	LONG
SLOTTING 	SIDE MILLING 	RAMPING 	PLUNING 	HELICAL INT. 					
P	M	K	N	S	H	O			

CODE	Price List	HT	DC f8 mm	APMXS mm	DN mm	LH mm	OAL mm	DMM h5 mm	CHW mm	ZEFP
A4U4206	49,93	30,00	6	18	5,9	24	62	6	0,1	4
A4U4208	59,44	37,00	8	24	7,8	30	68	8	0,2	4
A4U4210	68,64	55,00	10	30	9,7	39	80	10	0,2	4
A4U4212	121,52	75,00	12	36	11,7	46	93	12	0,3	4
A4U4216	224,34	143,00	16	48	15,5	58	108	16	0,3	4

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

KERFOLG

END MILLS WITH VARIABLE PITCH Z4



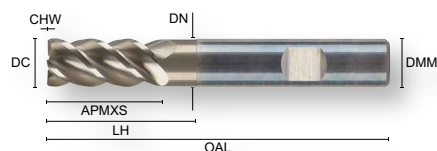
TOOL TYPE N	TOOL DESIGN HPC	INDEX $\neq$	ANGLES $\alpha = 25^\circ 28'$ $\gamma = 12^\circ$	ZEFP 	DIRECTIONS 	SHANK DIN 6355 HB DIN 6355 HA	CORNER 	COATING PLATEX	STANDARD
SLOTTING 	SIDE MILLING 	RAMPING 	PLUNGING 	HELICAL INT. 					

CODE	Price List	HT	DC f8 mm	APMXS mm	DN mm	LH mm	OAL mm	DMM h5 mm	ZEFP
A4U4304	38,37	24,00	4	11			57	6	4
A4U4305	38,37	24,00	5	13	4,9	18	57	6	4
A4U4306	38,37	24,00	6	13	5,9	18	57	6	4
A4U4308	46,86	28,00	8	21	7,8	25	63	8	4
A4U4310	67,93	42,00	10	22	9,7	30	72	10	4
A4U4312	93,16	58,00	12	26	11,7	36	83	12	4
A4U4316	177,72	110,00	16	36	15,5	42	92	16	4

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

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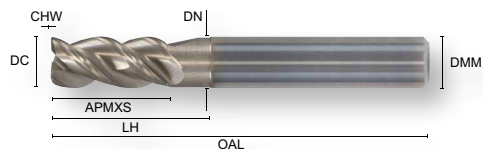
END MILLS WITH VARIABLE PITCH Z4



TOOL TYPE	TOOL DESIGN	TOOL DESIGN	INDEX	ANGLES	JEFF	DIRECTIONS	SHANK	CORNER	COATING	STANDARD
N	HPC	MTC	≠	λ= 44° 44' γ= 12°			DIN 6535 HB		PLATEX	
SLOTTING	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
A4U4410W	67,27	36,00	10	22	9,7	30	72	10	0,2	4
A4U4408W	42,32	26,00	8	21	7,8	25	64	8	0,2	4
A4U4406W	30,00	19,00	6	13	5,9	18	57	6	0,1	4
A4U4412W	76,04	47,00	12	26	11,7	36	83	12	0,3	4
A4U4405W	30,00	19,00	5	13	4,9	18	57	6	0,1	4
A4U4416W	132,34	82,00	16	36	15,5	42	92	16	0,3	4
A4U4404W	30,00	19,00	4	11			57	6	0,1	4
A4U4403W	30,00	19,00	3	8			57	6	0,1	4
A4U4420W	195,03	121,00	20	41	19,5	52	104	20	0,3	4
A4U4414W	105,63	64,00	14	26	13,7	36	83	14	0,3	4

END MILLS WITH VARIABLE HELIX Z3



TOOL TYPE N	TOOL DESIGN HPC	TOOL DESIGN MTC	INDEX ≠	ANGLES $\lambda = 43.745^\circ$ $\gamma = 12^\circ$	ZEPP 	DIRECTIONS 	SHANK DIN 6535 HB DIN 6535 HA	CORNER 	COATING PLATEX	STANDARD 
SLOTING 	SIDE MILLING 	RAMPING 	PLUNGING 	HELICAL INT. 						

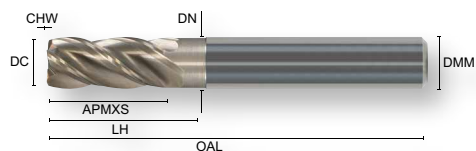
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CODE	Price List	HT	DC f8 mm	APMXS mm	DN mm	LH mm	OAL mm	DMM h5 mm	CHW mm	ZEFP
A4U3902	44,40	28,00	2	5	1,92	10	57	6	0,1	3
A4U3903	44,40	28,00	3	8	2,9	15	57	6	0,1	3
A4U3904	44,40	28,00	4	11	3,9	16	57	6	0,1	3
A4U3905	44,40	28,00	5	13	4,9	19	57	6	0,1	3
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	123,20	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

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END MILLS WITH VARIABLE PITCH Z4



TOOL TYPE N	TOOL DESIGN HPC	INDEX ≠	ANGLES $\lambda = 25/38^\circ$ $\gamma = 12^\circ$	ZEPP 	DIRECTIONS 	SHANK DIN 6335 HB DIN 6335 HA	CORNER 	COATING PLATEX	STANDARD 
SLOTING 	SIDE MILLING 	RAMPING 	PLUNGING 	HELICAL INT. 					

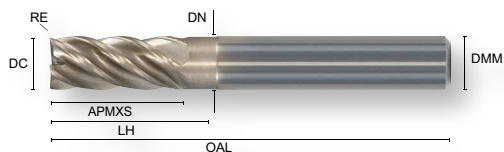
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CODE	Price List	HT	DC f8 mm	APMXS mm	DN mm	LH mm	OAL mm	DMM h5 mm	CHW mm	ZEFP
A4U4003	39,22	24,00	3	8			57	6	0,1	4
A4U4004	39,22	24,00	4	11	3,9	12	57	6	0,1	4
A4U4005	39,22	24,00	5	13	4,9	18	57	6	0,1	4
A4U4006	39,22	24,00	6	13	5,9	18	57	6	0,1	4
A4U4008	47,55	29,00	8	21	7,8	25	63	8	0,2	4
A4U4009	65,59	41,00	9	22	8,7	30	72	10	0,2	4
A4U4010	74,07	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	145,95	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

KERFOLG

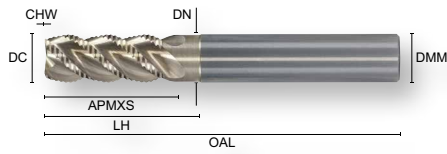
END MILLS WITH VARIABLE PITCH Z5



TOOL TYPE	TOOL DESIGN	TOOL DESIGN	INDEX	ANGLES	ZEPP	DIRECTIONS	SHANK	CORNER	COATING	STANDARD
N	HPC	MTC	≠	As= 35/78° ys= 12°			DIN 6355 HB DIN 6355 HA		PLATEX	
SLOTING	SIDE MILLING	RAMPING	PLUNGING	HELICAL INT.						

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	66,80	41,00	8	0,2	21	7,8	25	64	8	5
A4U5710	88,90	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	238,23	148,00	16	0,5	36	15,5	42	92	16	5
A4U5720	344,67	212,00	20	0,5	41	19,5	52	104	20	5

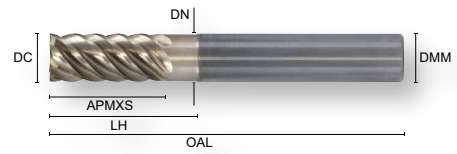
* For the same price, cutters are also available with Weldon shank from DMM ≥ 6 mm



TOOL TYPE	TOOL DESIGN	TOOL DESIGN	INDEX	ANGLES	ZEFP	DIRECTIONS	SHANK	CORNER	COATING	STANDARD
N	HPC	MTC	≠	λs= 44°/45.5° γs= 8°			DIN 6535 HB DIN 6535 HA		PLATEX	
	SIDING MILLING	RAMPING	PLUNGING	HELICAL INT.						

CODE	Price List	HT	DC f8 mm	APMXS mm	DN mm	LH mm	OAL mm	DMM h5 mm	CHW mm	ZEFP
A4U1204	73,94	46,00	4	11	3,9	16	57	6	0,1	4
A4U1205	73,94	46,00	5	13	4,9	18	57	6	0,1	4
A4U1206	73,94	46,00	6	13	5,9	20	57	6	0,1	4
A4U1208	93,89	58,00	8	21	7,8	26	63	8	0,2	4
A4U1210	115,53	72,00	10	23	9,7	31	72	10	0,2	4
A4U1212	147,90	92,00	12	26	11,7	37	83	12	0,3	4
A4U1216	228,14	141,00	16	32	15,5	42	92	16	0,3	4
A4U1220	374,28	230,00	20	38	19,5	53	104	20	0,3	4

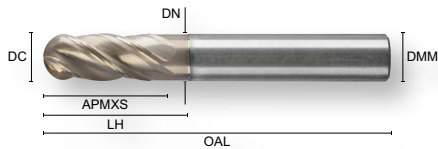
* For the same price, cutters are also available with Weldon shank from DMM ≥ 6 mm



TOOL TYPE	TOOL DESIGN	TOOL DESIGN	INDEX	ANGLES	ZEFP	DIRECTIONS	SHANK	CORNER	COATING	STANDARD
N	HPC	MTC	≠	λs= 44°/48° γs= 13°			DIN 6535 HB DIN 6535 HA		PLATEX	
	SIDING MILLING	RAMPING	PLUNGING	HELICAL INT.						

CODE	Price List	HT	DC f8 mm	APMXS mm	DN mm	LH mm	OAL mm	DMM h5 mm	ZEFP
A4U2506	49,18	30,00	6	13	5,9	19	57	6	6
A4U2508	56,15	35,00	8	19	7,8	25	63	8	6
A4U2510	92,26	57,00	10	22	9,7	30	72	10	6
A4U2512	122,96	76,00	12	26	11,7	36	83	12	6
A4U2516	233,26	145,00	16	32	15,5	42	92	16	6
A4U2520	335,65	208,00	20	38	19,5	52	104	20	6

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

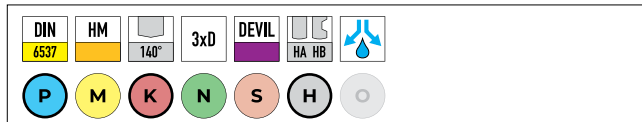


TOOL TYPE	TOOL DESIGN	INDEX	ANGLES	ZEFP	DIRECTIONS	SHANK	CORNER	COATING	STANDARD
N	HPC	≠	λs= 36°/29° γs= 11°			DIN 6535 HB DIN 6535 HA		PLATEX	
	PROFILING								

CODE	Price List	HT	DC f8 mm	APMXS mm	DN mm	LH mm	OAL mm	DMM h5 mm	ZEFP
A4U6003	66,15	41,00	3	8			57	6	4
A4U6004	66,15	41,00	4	11			57	6	4
A4U6005	66,15	41,00	5	13	4,9	18	57	6	4
A4U6006	66,15	41,00	6	13	5,9	18	57	6	4
A4U6008	89,40	55,00	8	21	7,8	25	63	8	4
A4U6010	115,53	72,00	10	22	9,7	30	72	10	4
A4U6012	167,40	104,00	12	26	11,7	36	83	12	4
A4U6016	268,65	167,00	16	36	15,5	42	92	16	4

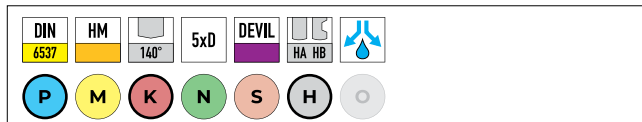
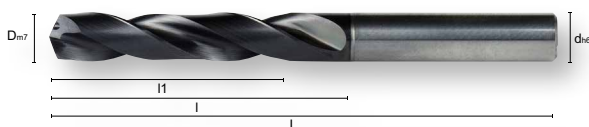
* For the same price, cutters are also available with Weldon shank from DMM ≥ 6 mm

DRILLS REINFORCED SHANK 3XD - COOLANT HOLES

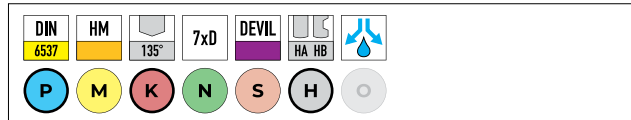
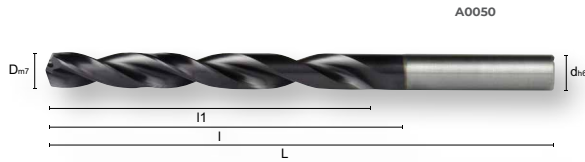


CODE	Price List	HT	D mm	I1 mm	I mm	L mm	d mm	CODE	Price List	HT	D mm	I1 mm	I mm	L mm	d mm	CODE	Price List	HT	D mm	I1 mm	I mm	L mm	d mm	CODE	Price List	HT	D mm	I1 mm	I mm	L mm	d mm
A00203	55,98	35,00	3	14	20	62	6	A00205,1	58,42	36,00	5,1	20	28	66	6	A00207,4	79,47	49,00	7,4	29	41	79	8	A002010	89,60	56,00	10	35	47	89	10
A00203,1	55,98	35,00	3,1	14	20	62	6	A00205,2	58,42	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	58,42	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	66,98	35,00	3,3	14	20	62	6	A00205,5	58,42	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	66,98	35,00	3,4	14	20	62	6	A00205,6	60,37	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	86,81	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	60,37	37,00	5,8	20	28	66	6	A00208,1	89,60	56,00	8,1	35	47	89	10	A002011,5	127,98	79,00	11,5	40	55	102	12
A00203,8	66,98	35,00	3,8	17	24	66	6	A00205,9	60,37	37,00	5,9	20	28	66	6	A00208,2	89,60	56,00	8,2	35	47	89	10	A002011,8	127,98	79,00	11,8	40	55	102	12
A00203,9	66,98	35,00	3,9	17	24	66	6	A00206	58,42	36,00	6	20	28	66	6	A00208,3	89,60	56,00	8,3	35	47	89	10	A002012	127,98	79,00	12	40	55	102	12
A00204	58,42	36,00	4	17	24	66	6	A00206,1	79,47	49,00	6,1	24	34	79	8	A00208,4	89,60	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	58,42	36,00	4,2	17	24	66	6	A00206,3	79,47	49,00	6,3	24	34	79	8	A00208,6	89,60	56,00	8,6	35	47	89	10	A002012,8	167,09	104,00	12,8	43	60	107	14
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A00204,6	60,37	37,00	4,6	17	24	66	6	A00206,9	79,47	49,00	6,9	24	34	79	8	A00209,2	89,60	56,00	9,2	35	47	89	10	A002014	167,09	104,00	14	43	60	107	14
A00204,7	60,37	37,00	4,7	17	24	66	6	A00207	79,47	49,00	7	24	34	79	8	A00209,3	89,60	56,00	9,3	35	47	89	10	A002014,5	188,28	117,00	14,5	43	60	107	14
A00204,8	58,42	36,00	4,8	20	24	66	6	A00207,1	79,47	49,00	7,1	29	34	79	8	A00209,5	89,60	56,00	9,5	35	47	89	10	A002015	188,28	117,00	15	45	65	115	16
A00204,9	60,37	37,00	4,9	20	24	66	6	A00207,2	79,47	49,00	7,2	29	34	79	8	A00209,7	133,24	83,00	9,7	35	47	89	10	A002015,5	188,28	117,00	15,5	45	65	115	16
A00205	58,42	36,00	5	20	28	66	6	A00207,3	117,79	73,00	7,3	29	34	79	8	A00209,8	89,60	56,00	9,8	35	47	89	10	A002016	188,28	117,00	16	45	65	115	16

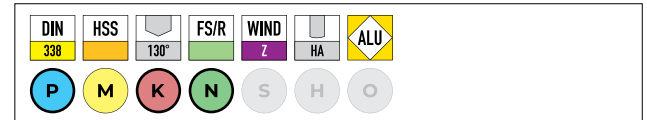
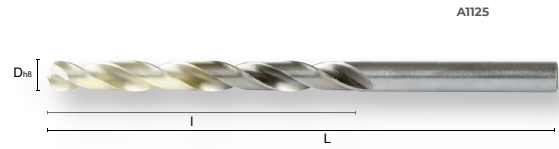
DRILLS REINFORCED SHANK 5XD - COOLANT HOLES



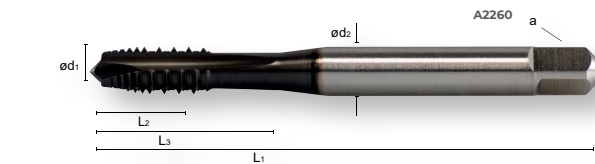
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A00401,1	64,70	40,00	1,1	6	7,5	45	4	A00404,2	80,33	50,00	4,2	29	36	74	6	A00407,4	80,24	55,00	7,4	43	53	91	8	A004011,2	148,67	92,00	11,2	56	71	118	12
A00401,2	64,70	40,00	1,2	7	8,5	45	4	A00404,3	80,33	50,00	4,3	29	36	74	6	A00407,5	80,24	55,00	7,5	43	53	91	8	A004011,3	148,67	92,00	11,3	56	71	118	12
A00401,3	64,70	40,00	1,3	7	9	45	4	A00404,4	80,33	50,00	4,4	29	36	74	6	A00407,6	80,24	55,00	7,6	43	53	91	8	A004011,4	148,67	92,00	11,4	56	71	118	12
A00401,4	64,70	40,00	1,4	8	10	45	4	A00404,5	80,33	50,00	4,5	29	36	74	6	A00407,7	80,24	55,00	7,7	43	53	91	8	A004011,5	148,67	92,00	11,5	56	71	118	12
A00401,5	64,70	40,00	1,5	8	10,5	50	4	A00404,6	80,33	50,00	4,6	29	36	74	6	A00407,8	80,24	55,00	7,8	43	53	91	8	A004011,8	148,67	92,00	11,8	56	71	118	12
A00401,6	64,70	40,00	1,6	9	11	50	4	A00404,7	80,33	50,00	4,7	29	36	74	6	A00407,9	80,24	55,00	7,9	43	53	91	8	A004012	148,67	92,00	12	56	71	118	12
A00401,7	64,70	40,00	1,7	9	12	50	4	A00404,8	80,33	50,00	4,8	35	44	82	6	A00408	80,24	55,00	8	43	53	91	8	A004012,2	199,87	124,00	12,2	60	77	124	14
A00401,8	64,70	40,00	1,8	10	12,5	50	4	A00404,9	80,33	50,00	4,9	35	44	82	6	A00408,1	102,25	63,00	8,1	49	61	91	10	A004012,5	199,87	124,00	12,5	60	77	124	14
A00401,85	90,70	56,00	1,85	10	12,5	50	4	A00405	80,33	50,00	5	35	44	82	6	A00408,2	102,25	63,00	8,2	49	61	91	10	A004012,8	199,87	124,00	12,8	60	77	124	14
A00401,9	64,70	40,00	1,9	10	13,5	50	4	A00405,1	80,33	50,00	5,1	35	44	82	6	A00408,3	102,25	63,00	8,3	49	61	91	10	A004012,9	280,59	174,00	12,9	60	77	124	14
A00402	64,70	40,00	2	11	14	55	4	A00405,2	80,33	50,00	5,2	35	44	82	6	A00408,4	102,25	63,00	8,4	49	61	91	10	A004013	199,87	124,00	13	60	77	124	14
A00402,1	64,70	40,00	2,1	12	14,5	55	4	A00405,3	80,33	50,00	5,3	35	44	82	6	A00408,5	102,25	63,00	8,5	49	61	103	10	A004013,1	199,87	124,00	13,1	60	77	124	14
A00402,2	64,70	40,00	2,2	12	15,5	55	4	A00405,4	80,33	50,00	5,4	35	44	82	6	A00408,6	102,25	63,00	8,6	49	61	103	10	A004013,3	186,49	116,00	13,3	60	77	124	14
A00402,3	64,70	40,00	2,3	13	16	55	4	A00405,5	80,33	50,00	5,5	35	44	82	6	A00408,7	102,25	63,00	8,7	49	61	103	10	A004013,5	199,87	124,00	13,5	60	77	124	14
A00402,4	64,70	40,00	2,4	13	17	55	4	A00405,6	80,33	50,00	5,6	35	44	82	6	A00408,8	102,25	63,00	8,8	49	61	103	10	A004014	199,87	124,00	14	60	77	124	14
A00402,5	64,70	40,00	2,5	14	17,5	55	4	A00405,7	80,33	50,00	5,7	35	44	82	6	A00408,9	102,25	63,00	8,9	49	61	103	10	A004014,5	226,67	141,00	14,5	63	83	133	16
A00402,6	64,70	40,00	2,6	14	18	55	4	A00405,8	80,33	50,00	5,8	35	44	82	6	A00409	102,25	63,00	9	49	61	103	10	A004014,8	244,66	131,00	14,8	63	83	133	16
A00402,7	64,70	40,00	2,7	15	19	55	4	A00405,9	80,33	50,00	5,9	35	44	82	6	A00409,1	102,25	63,00	9,1	49	61	103	10	A004015	230,67	143,00	15	63	83	133	16
A00402,8	64,70	40,00	2,8	15	19,5	55	4	A00406	80,33	50,00	6	35	53	82	6	A00409,2	102,25	63,00	9,2	49	61	103	10	A004015,1	230,67	143,00	15,1	63	83	133	16
A00402,9	64,70	40,00	2,9	16	20,5	55	4	A00406,1	80,24	55,00	6,1	43	53	82	8	A00409,3	102,25	63,00	9,3	49	61	103	10	A004015,3	230,67	143,00	15,3	63	83	133	16
A00403	74,66	46,00	3	23	28	66	6	A00406,2	80,24	55,00	6,2	43	53	82	8	A00409,4	102,25	63,00	9,4	49	61	103	10	A004015,5	230,67	143,00	15,5	63	83	133	16
A00403,1	74,66	46,00	3,1	23	28	66	6	A00406,3	80,24	55,00	6,3	43	53	82	8	A00409,5	102,25	63,00	9,5	49	61	103	10	A004016	230,67	143,00	16	63	83	133	16
A00403,2	74,66	46,00	3,2	23	28	66	6	A00406,4	80,24	55,00	6,4	43	53	82	8	A00409,6	102,25	63,00	9,6	49	61	103	10	A004016,5	343,15	213,00	16,5	71	93	143	18
A00403,3	74,66	46,00	3,3	23	28	66	6	A00406,5	80,24	55,00	6,5	43	53	91	8	A00409,7	102,25	63,00	9,7	49	61	103	10	A004017	369,62	228,00	17	71	93	143	18
A00403,4	74,66	46,00	3,4	23	28	66	6	A00406,6	80,24	55,00	6,6	43	53	91	8	A00409,8	102,25	63,00	9,8	49	61	103	10	A004017,5	369,62	228,00	17,5	71	93	143	18
A00403,5	74,66	46,00	3,5	23	28	66	6	A00406,7	80,24	55,00	6,7	43	53	91	8	A00409,9	102,25	63,00	9,9	49	61	103	10	A004018	355,78	221,00	18	71	93	143	18
A00403,6	74,66	46,00	3,6	23	28	66	6	A00406,8	80,24	55,00	6,8	43	53	91	8	A004010	102,25	63,00	10	49	61	103	10	A004018,5	387,79	240,00	18,5	77	101	153	20
A00403,7	74,66	46,00	3,7	23	28	66	6	A00406,9	80,24	55,00	6,9	43	53	91	8	A004010,2	148,67	92,00	10,2	56	71	118	12	A004019	387,79	240,00	19	77	101	153	20
A00403,8	74,66	46,00	3,8	29	36	74	6	A00407	80,24	55,00	7	43	53	91	8	A004010,3	148,67	92,00	10,3	56	71	118	12	A004020	387,79	240,00	20	77	101	153	20
A00403,9	74,66	46,00	3,9	29	36	74	6	A00407,1	80,24	55,00	7,1	43	53	91	8	A004010,4	148,67	92,00	10,4	56	71	118	12								
A00404,0	80,33	50,00	4	29	36	74	6	A00407,2	80,24	55,00	7,2	43	53	91	8	A004010,5	148,67	92,00	10,5	56	71	118	12								



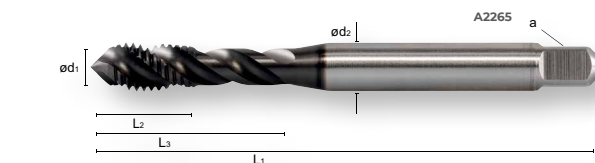
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A00504,2	438,69	86,00	4,2	36	43	81	6
A00504,3	438,69	86,00	4,3	36	43	81	6
A00504,5	438,69	86,00	4,5	36	43	81	6
A00504,6	438,69	86,00	4,6	36	43	81	6
A00504,7	438,69	86,00	4,7	36	43	81	6
A00504,8	438,69	86,00	4,8	48	57	95	6
A00504,9	438,69	86,00	4,9	48	57	95	6
A00505	438,69	86,00	5	48	57	95	6
A00505,1	438,69	86,00	5,1	48	57	95	6
A00505,2	438,69	86,00	5,2	48	57	95	6
A00505,3	438,69	86,00	5,3	48	57	95	6
A00505,5	438,69	86,00	5,5	48	57	95	6
A00505,8	438,69	86,00	5,8	48	57	95	6
A00505,9	438,69	86,00	5,9	48	57	95	6
A00506	438,69	86,00	6	48	57	95	6
A00506,1	472,72	107,00	6,1	64	76	114	8
A00506,2	472,72	107,00	6,2	64	76	114	8
A00506,3	472,72	107,00	6,3	64	76	114	8
A00506,5	472,72	107,00	6,5	64	76	114	8
A00506,6	472,72	107,00	6,6	64	76	114	8
A00506,7	472,72	107,00	6,7	64	76	114	8
A00506,8	472,72	107,00	6,8	64	76	114	8
A00507	472,72	107,00	7	64	76	114	8
A00507,4	472,72	107,00	7,4	64	76	114	8
A00507,5	472,72	107,00	7,5	64	76	114	8
A00507,7	472,72	107,00	7,7	64	76	114	8
A00507,8	472,72	107,00	7,8	64	76	114	8
A00508	472,72	107,00	8	64	76	114	8
A00508,5	244,79	131,00	8,5	80	95	142	10
A00509	244,79	131,00	9	80	95	142	10
A00509,1	244,79	131,00	9,1	80	95	142	10
A00509,5	244,79	131,00	9,5	80	95	142	10
A005010	244,79	131,00	10	80	95	142	10
A005010,5	291,15	181,00	10,5	96	114	162	12
A005011	291,15	181,00	11	96	114	162	12
A005011,5	291,15	181,00	11,5	96	114	162	12
A005012	291,15	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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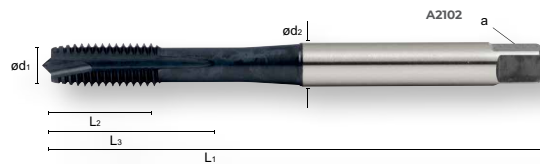
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A112504	3,60	2,23	4	43	75
A112504,2	3,95	2,45	4,2	43	75
A112504,5	3,93	2,44	4,5	47	80
A112505	4,26	2,64	5	52	86
A112505,5	5,44	3,35	5,5	57	93
A112506	5,75	3,56	6	57	93
A112506,5	6,94	4,28	6,5	63	101
A112506,8	7,74	4,80	6,8	69	109
A112507	7,64	4,67	7	69	109
A112507,5	8,06	5,00	7,5	69	109
A112508	9,44	5,83	8	75	117
A112508,5	9,80	6,08	8,5	75	117
A112509	12,64	7,77	9	81	125
A112509,5	12,06	8,04	9,5	81	125
A112510	14,24	8,83	10	87	133
A112510,2	20,19	12,52	10,2	87	133
A112510,5	20,19	12,52	10,5	87	133
A112511	22,33	13,85	11	94	142
A112511,5	26,68	16,54	11,5	94	142
A112512	20,53	17,79	12	101	151
A112512,5	34,75	21,55	12,5	101	151
A112513	36,68	22,06	13	101	151



DIN13	TOLERANCE	MATERIAL	SHANK	HOLE TYPE	COATING	
M	ISO 2 6H	HSSE	DIN 371 DIN 376		KX1	
TOOL TYPE	CHAMFER	FLUTES	GEOMETRY	DEPTH	ROTATION	
Cutting	B 4/5	Straight	Spiral pointed	< 2,5x0	RH	
P	M	K	N	S	H	O



DIN 13	TOLERANCE	MATERIAL	SHANK	HOLE TYPE	COATING	
M	ISO 2 6H	HSSE	DIN 371 DIN 376		KX1	
TOOL TYPE	CHAMFER	FLUTES	GEOMETRY	REAR	DEPTH	ROTATION
Cutting	C 2/3	Helical 40°	Spiral flutes	Back tapering	< 2,5xD	RH
P	M	K	N	S	H	O



DIN13	TOLERANCE	MATERIAL	SHANK	HOLE TYPE	COATING
M	ISO 2 6H	HSSE	DIN 2174 (D71-374)		NIT+VAP
TOOL TYPE	CHAMFER	FLUTES	GEOMETRY	DEPTH	ROTATION
Cutting	B 4/5	Straight	Spiral pointed	< 2x0	RH

P

M

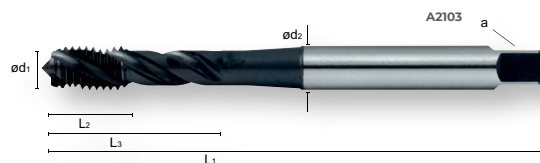
K

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H

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

P

M

K

N

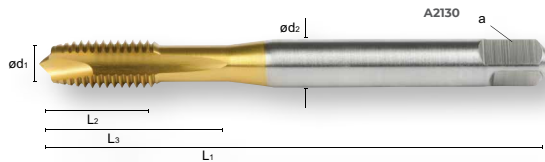
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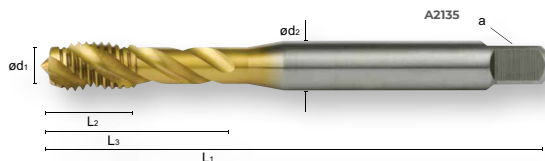
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CODE	Price List	HT	d1 mm	P mm	L1 mm	L2 mm	L3 mm	d2 mm	a mm	DIN	
A2260M3	99,17	21,00	M3	0,5	56	10	18	3,5	2,7	371	2,5
A2260M4	34,99	21,00	M4	0,7	63	12	21	4,5	3,4	371	3,3
A2260M5	34,99	21,00	M5	0,8	70	14	24,5	6	4,9	371	4,2
A2260M6	34,99	21,00	M6	1	80	16	29	6	4,9	371	5
A2260M8	44,66	26,00	M8	1,25	90	18	33	8	6,2	371	6,8
A2260M10	48,43	30,00	M10	1,5	100	20	36	10	8	371	8,5
A2260M12	64,29	38,00	M12	1,75	110	24	-	9	7	376	10,2
A2260M14	77,93	48,00	M14	2	110	25	-	11	9	376	12
A2260M16	88,14	55,00	M16	2	110	28	-	12	9	376	14
A2265M3	37,31	23,00	M3	0,5	56	7	15	3,5	2,7	371	2,5
A2265M4	37,31	23,00	M4	0,7	63	8,5	21	4,5	3,4	371	3,3
A2265M5	37,31	23,00	M5	0,8	70	10	24,5	6	4,9	371	4,2
A2265M6	37,31	23,00	M6	1	80	12	29	6	4,9	371	5
A2265M8	43,93	27,00	M8	1,25	90	15	33	8	6,2	371	6,8
A2265M10	64,07	32,00	M10	1,5	100	17,5	38	10	8	371	8,5
A2265M12	63,04	39,00	M12	1,75	110	18	-	9	7	376	10,2
A2265M14	82,54	51,00	M14	2	110	20,5	-	11	9	376	12
A2265M16	92,16	57,00	M16	2	110	20,5	-	12	9	376	14
A2265M18	116,34	72,00	M18	2,5	125	25,5	-	14	11	376	15,5
A2265M20	153,34	95,00	M20	2,5	140	29,5	-	16	12	376	17,5

CODE	Price List	HT	d1 mm	P mm	L1 mm	L2 mm	L3 mm	d2 mm	a mm	DIN	
A2102M02	96,72	22,76	M2	0,4	45	7	12	2,8	2,1	371	1,6
A2102M02,5	96,64	22,01	M2,5	0,45	50	9	14	2,8	2,1	371	2,05
A2102M03	27,10	16,80	M3	0,5	56	11	18	3,5	2,7	371	2,5
A2102M04	27,63	17,06	M4	0,7	63	13	21	4,5	3,4	371	3,3
A2102M05	28,06	17,40	M5	0,8	70	15	25	6	4,9	371	4,2
A2102M06	28,03	17,38	M6	1	80	17	30	6	4,9	371	5
A2102M08	34,56	19,55	M8	1,25	90	20	35	8	6,2	371	6,8
A2102M10	38,47	23,85	M10	1,5	100	22	39	10	8	371	8,5
A2102M12	48,04	30,00	M12	1,75	110	24	-	9	7	376	10,2
A2102M14	74,67	46,00	M14	2	110	26	-	11	9	376	12
A2102M16	74,94	45,00	M16	2	110	27	-	12	9	376	14
A2102M18	128,98	75,00	M18	2,5	125	30	-	14	11	376	15,5
A2102M20	199,60	68,00	M20	2,5	140	32	-	16	12	376	17,5
A2102M22	182,09	113,00	M22	2,5	140	32	-	18	14,5	376	19,5
A2102M24	160,82	94,00	M24	3	160	34	-	18	14,5	376	21
A2102M27	208,00	129,00	M27	3	160	36	-	20	16	376	24
A2102M30	244,18	150,00	M30	3,5	180	40	-	22	18	376	26,5
A2103M02	96,72	23,00	M2	0,4	45	4	12	2,8	2,1	371	1,6
A2103M02,5	97,38	23,00	M2,5	0,45	50	5	14	2,8	2,1	371	2,05
A2103M03	28,06	17,00	M3	0,5	56	6	18	3,5	2,7	371	2,5
A2103M04	29,14	18,00	M4	0,7	63	7	21	4,5	3,4	371	3,3
A2103M05	29,66	18,00	M5	0,8	70	8	25	6	4,9	371	4,2
A2103M06	30,64	19,00	M6	1	80	10	30	6	4,9	371	5
A2103M08	36,90	22,00	M8	1,25	90	14	35	8	6,2	371	6,8
A2103M10	43,48	27,00	M10	1,5	100	16	39	10	8	371	8,5
A2103M12	53,54	33,00	M12	1,75	110	18	-	9	7	376	10,2
A2103M14	84,13	50,00	M14	2	110	20	-	11	9	376	12
A2103M16	76,28	47,00	M16	2	110	22	-	12	9	376	14
A2103M18	191,69	82,00	M18	2,5	125	25	-	14	11	376	15,5
A2103M20	116,55	72,00	M20	2,5	140	25	-	16	12	376	17,5
A2103M22	182,09	113,00	M22	2,5	140	27	-	18	14,5	376	19,5
A2103M24	166,62	97,00	M24	3	160	30	-	18	14,5	376	21
A2103M27	218,42	135,00	M27	3	160	30	-	20	16	376	24
A2103M30	262,87	163,00	M30	3,5	180	35	-	22	18	376	26,5



DIN 13	TOLERANCE	MATERIAL	SHANK	HOLE TYPE	COATING
M	ISO 2 6H	HSSE	DIN 371 DIN 376		TiN
TOOL TYPE	CHAMFER	FLUTES	GEOMETRY	DEPTH	ROTATION
Cutting	B 4/5	Straight	Spiral pointed	< 2.5xD	RH



DIN 13	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	Back tapering	RH



CODE	Price List	HT	d1 mm	P mm	L1 mm	L2 mm	L3 mm	d2 mm	a mm	DIN	mm
A2130M2	96,96	23,00	M2	0,4	45	7	11	2,8	2,1	371	1,6
A2130M2,5	32,26	20,00	M2,5	0,45	50	9	15	2,8	2,1	371	2,05
A2130M3	29,26	18,00	M3	0,5	56	10	18	3,5	2,7	371	2,5
A2130M4	29,26	18,00	M4	0,7	63	12	21	4,5	3,4	371	3,3
A2130M5	29,26	18,00	M5	0,8	70	14	24,5	6	4,9	371	4,2
A2130M6	29,26	18,00	M6	1	80	16	29	6	4,9	371	5
A2130M8	36,27	22,00	M8	1,25	90	18	33	8	6,2	371	6,8
A2130M10	42,93	27,00	M10	1,5	00	20	36	10	8	371	8,5
A2130M12	52,60	33,00	M12	1,75	110	24	-	9	7	376	10,2
A2130M14	69,00	43,00	M14	2	110	25	-	11	9	376	12
A2130M16	77,69	48,00	M16	2	110	28	-	12	9	376	14
A2130M18	96,47	60,00	M18	2,5	125	32	-	14	11	376	15,5
A2130M20	429,94	81,00	M20	2,5	140	32	-	16	12	376	17,5
A2130M22	490,46	81,00	M22	2,5	140	32	-	18	14,5	376	19,5
A2130M24	492,69	119,00	M24	3	160	36	-	18	14,5	376	21
A2130M27	233,32	145,00	M27	3	160	36	-	20	16	376	24
A2130M30	274,64	170,00	M30	3,5	180	40	-	22	20	376	26,5
A2130M33	324,90	201,00	M33	3,5	180	40	-	25	20	376	29,5
A2135M2	34,99	21,00	M2	0,4	45	6	12	2,8	2,1	371	1,6
A2135M2,5	34,99	21,00	M2,5	0,45	50	6,5	15	2,8	2,1	371	2,05
A2135M3	34,56	20,00	M3	0,5	56	7	15	3,5	2,7	371	2,5
A2135M4	34,56	20,00	M4	0,7	63	8,5	21	4,5	3,4	371	3,3
A2135M5	34,56	20,00	M5	0,8	70	10	24,5	6	4,9	371	4,2
A2135M6	34,56	20,00	M6	1	80	12	29	6	4,9	371	5
A2135M8	39,56	24,00	M8	1,25	90	15	33	8	6,2	371	6,8
A2135M10	45,94	28,00	M10	1,5	100	17,5	38	10	8	371	8,5
A2135M12	57,04	35,00	M12	1,75	110	18	-	9	7	376	10,2
A2135M14	74,44	46,00	M14	2	110	20,5	-	11	9	376	12
A2135M16	83,44	52,00	M16	2	110	20,5	-	12	9	376	14
A2135M18	104,32	65,00	M18	2,5	125	25,5	-	14	11	376	15,5
A2135M20	137,95	86,00	M20	2,5	140	29,5	-	16	12	376	17,5
A2135M22	155,06	96,00	M22	2,5	140	29,5	-	18	14,5	376	19,5
A2135M24	202,68	126,00	M24	3	160	35,5	-	18	14,5	376	21
A2135M27	246,52	153,00	M27	3	160	37,5	-	20	16	376	24
A2135M30	294,86	181,00	M30	3,5	180	42	-	22	18	376	26,5

SPALLING MILL WITH INSERT WITH EXCLUSIVE V-BOTTOM, MAXIMUM PRODUCTIVITY

TungForceRec is a high-efficiency milling cutter designed for straight spalling milling. Equipped with an exclusive insert with a V-shaped bottom, ensuring reliable clamping, it offers stable machining performance. It is versatile in various materials and industrial sectors. The wear-resistant coating ensures long insert life, helping to improve productivity and reduce costs.

APPLICATIONS:



ROBUST MILL BODY

SECURE INSERT CLAMPING

**REINFORCED CUTTING EDGE
ON THE SIDE FOR INCREASED
PRODUCTIVITY**



TUNGFORCE
REC

TUNGALLOY
ADD F-MILL
ACCELERATED MILLING

BUY
10 TOOTH INSERT *max 50 inserts

GET
1 CORRESPONDING MILLING CUTTER

DISCOUNT **80%**

SUPPLY VALID UNTIL D. 125mm



INSERTS

These inserts offer cutting efficiency and reverse-positive stability, along with a V-bottom structure, ensuring durability, rigidity, and reduced cutting resistance.

Wide range of radii

Cutting edges prepared for general applications

Large core and thick support.

AV*T18
Max. cutting depth 16.5 mm

AV*T12
Max. cutting depth 11.5 mm

Precision stamped insert with a wide depth of cut.

Cooling holes on each cutting edge

The V-shape counteracts the movement of the insert during machining

END MILLS

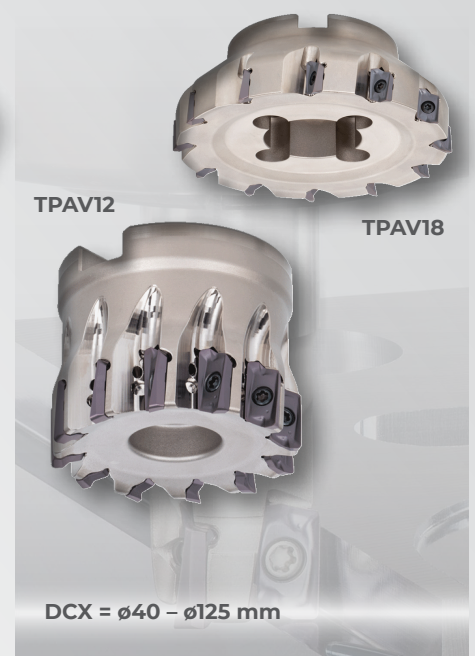
MODULAR MILLING TYPE:



SHANK MILLING TYPE:



FACE MILLING TYPE:



BUY 1 TOOLHOLDER KIT

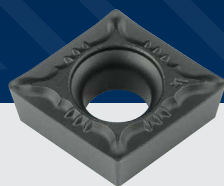
50% DISCOUNT FOR INSERT BOXES

HSS TOOLHOLDERS

Buy
1 Tool Holder KIT



CODE	Price List	HT	Kit
B1U98RHSS	355,00	355,00	4 x Toolholders AH-SCLCR HSS
B1U98LHSS	355,00	355,00	4 x Toolholders AH-SCLCL HSS



POSITIVE TURNING INSERTS FORM C

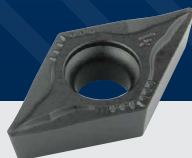
	Description	Grade	Code	Price List	P	M	K	N	S	H
FINISHING	FFP CCMT 060402-FFP	1010	B1C54CCFFP05	7,85	●	●	○			
	CFP CCMT 060202-CFP	4125	B1C55CCCFP10	7,18	●	○				
	CFP CCMT 060204-CFP	4125	B1C55CCCFP11	7,18	●	○				
	CFP CCMT 060204-CFP	4115	B1C55CCCFP14	7,62	●	○				
MEDIUM CUTTING	CMP CCMT 060204-CMP	4115	B1C56CCCMP10	7,18	●	●				
	CMP CCMT 060204-CMP	4125	B1C56CCCMP11	7,18	●	●				
	CMP CCMT 060208-CMP	4115	B1C56CCCMP18	7,62	●	○				
	CMP CCMT 060208-CMP	4125	B1C56CCCMP20	7,62	●	○				
	CMP CCMT 060204-CMP	4135	B1C56CCCMP23	7,62	●	○				
	CMP CCMT 060208-CMP	4135	B1C56CCCMP24	7,62	●	○				
	SMP CCMT 060204-SMP	2125	B1C57CCSMP10	7,18	○	●				
	SMP CCMT 060208-SMP	2125	B1C57CCSMP12	7,62	○	●				

HSS TOOLHOLDERS

AH 0810 H
AH 1012 K
AH 1216 M



CODE	Price List	HT	Kit
B1U99LHSS	345,00	315,00	3 x Toolholders AH-SDUCL HSS
B1U99RHSS	345,00	315,00	3 x Toolholders AH-SDUCR HSS



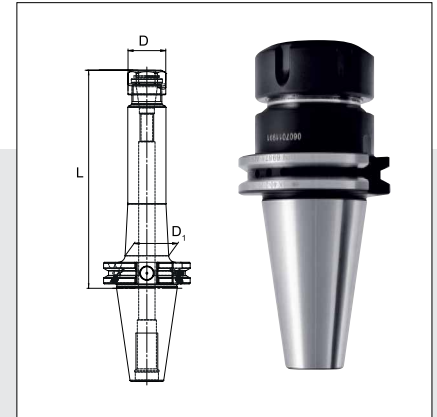
POSITIVE TURNING INSERTS FORM D

	Description	Grade	Code	Price List	P	M	K	N	S	H
FINISHING	FFP DCMT 070204-FFP	1010	B1D55DCFFP05	7,85	●	●	○			
	CFP DCMT 070202-CFP	4125	B1D56DCCFP10	7,05	●	○				
	CFP DCMT 070204-CFP	4125	B1D56DCCFP11	7,05	●	○				
	CFP DCMT 070204-CFP	4115	B1D56DCCFP14	7,49	●	○				
MEDIUM CUTTING	CMP DCMT 070204-CMP	4125	B1D57DCCMP10	7,05	●	○				
	CMP DCMT 070204-CMP	4135	B1D57DCCMP11	7,05	●	○				
	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 070208-SMP	2125	B1D58DCSMP13	7,49	○	●				

ER COLLET CHUCKS

CODE	Price List	HT	SK	ER	D mm	L mm	D1 mm
C0016416063	50,50	43,00	40	16	28	63	-
C0016416100	59,90	50,00	40	16	28	100	-
C0016416130	78,90	67,00	40	16	28	130	-
C0016416160	96,50	83,00	40	16	28	160	32
C0016425060	50,50	43,00	40	25	42	60	-
C0016425100	65,50	56,00	40	25	42	100	-
C0016425130	80,50	69,00	40	25	42	130	-
C0016425160	98,50	84,00	40	25	42	160	46
C0016432070	64,90	46,00	40	32	50	70	-
C0016432100	65,50	56,00	40	32	50	100	-
C0016432130	84,50	70,00	40	32	50	130	-
C0016432160	101,50	87,00	40	32	50	160	-
C0016440080	59,90	50,00	40	40	63	80	-

CODE	Price List	HT	SK	ER	D mm	L mm	D1 mm
C0016440100	72,50	62,00	40	40	63	100	-
C0016440130	84,50	72,00	40	40	63	130	-
C0016440160	108,90	92,00	40	40	63	160	-
C0016525060	80,50	69,00	50	25	42	60	-
C0016525100	98,50	84,00	50	25	42	100	-
C0016525160	133,90	114,00	50	25	42	160	-
C0016532070	84,90	72,00	50	32	50	70	-
C0016532100	116,50	100,00	50	32	50	100	-
C0016532160	133,90	114,00	50	32	50	160	-
C0016540080	84,50	72,00	50	40	63	80	-
C0016540100	119,50	102,00	50	40	63	100	-
C0016039583	136,90	116,00	50	40	160	-	-



ER COLLET CHUCKS

CODE	Price List	HT	BT	ER	D mm	L mm	D1 mm
C1016416063	50,50	43,00	40	16	28	63	-
C1016416100	59,90	50,00	40	16	28	100	-
C1016416130	84,90	69,00	40	16	28	130	-
C1016425060	50,50	43,00	40	25	42	60	-
C1016425100	72,90	62,00	40	25	42	100	-
C1016425130	94,90	80,00	40	25	42	130	-
C1016432070	54,90	46,00	40	32	50	70	-
C1016432100	65,50	56,00	40	32	50	100	-
C1016132130	99,90	84,00	40	32	50	130	-

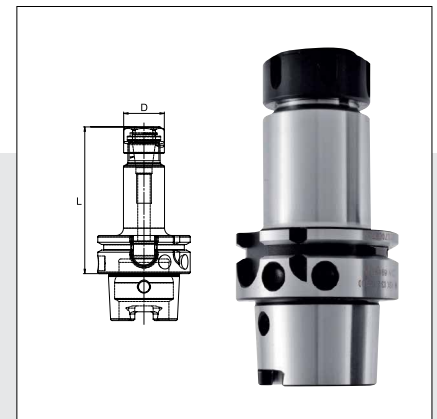
CODE	Price List	HT	BT	ER	D mm	L mm	D1 mm
C1016432160	107,90	91,00	40	32	50	160	53,5
C1016440080	68,90	50,00	40	40	63	80	-
C1016440100	72,50	62,00	40	40	63	100	-
C1016516070	87,50	75,00	50	16	28	70	-
C1016516100	107,90	91,00	50	16	28	100	-
C1016525070	87,90	74,00	50	25	42	70	-
C1016525100	108,90	92,00	50	25	42	100	-
C1016532070	99,90	77,00	50	32	50	70	-
C1016532100	125,90	107,00	50	32	50	100	-



ER COLLET CHUCKS

CODE	Price List	HT	HSK	ER	D mm	L mm
C2016616100	92,90	79,00	63	16	28	100
C2016625100	89,90	76,00	63	25	42	100
C2016632100	92,90	79,00	63	32	50	100
C2016632160	122,90	104,00	63	32	50	160

CODE	Price List	HT	HSK	ER	D mm	L mm
C2016125100	124,90	106,00	100	25	42	100
C2016132100	124,90	106,00	100	32	50	100
C2016140120	129,90	110,00	100	40	63	120



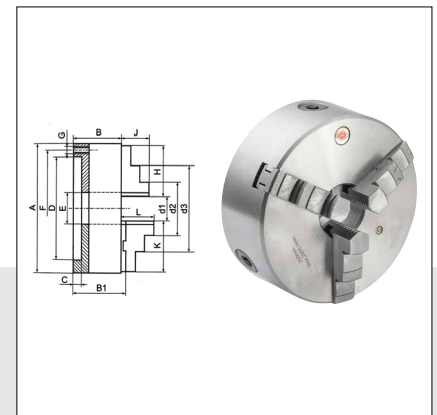
SELF-CENTERING CHUCKS 3 JAWS

Self-centering chucks, art 301, 3 jaw guided. Flange connection. Cast Iron body.

EQUIPMENT:

Supplied with internal claws series and external claw series (DIN 6350 stepped and hardened), operating key and fixing screws.

CODE	Price List	HT	A mm	B mm	B1 mm	C mm	D - H7 mm	E mm
C6238125	357,90	291,00	125	56	60,8	4	95	32
C6238160	388,50	317,00	160	64,5	69,3	4	125	42
C6238200	493,50	350,00	200	75	79,8	4	160	55
C6238250	682,50	556,00	250	85	88,8	5	200	76
C6238315	997,50	813,00	315	94	99,1	5	260	103



**BUY
CAULKING
MACHINE**



**RECEIVE A
FREE THERMOGRIP
HOLDER**

NEW



bilz

CAULKING MACHINE

Economical and compact keying machine for diameters 3-32 mm
Easy entry of keying parameters by barcode scanning
Compact and easy to handle
Integrated air cooling (Cooling unit not included)

Equipment:

- Fixed spool
- 5 diskettes for standard spindles
- 1 diskette retainer
- 1 pair of gloves
- Bar codes for standard spindles
- Bar code reader
- Manual



FREE

C4625

CODE	Price List	HT	Max tool lenght
C461200	8824,50	6.900,00	450 mm

IN ADDITION, YOU CAN CHOOSE UP TO 3 COMPLIMENTARY SHRINKING CHUCKS

* WHILE STOCKS LAST

KERFOLG

SHRINK FIT CHUCKS MAS 403 BT
AD+B



CODE	BT	CODE	BT
C1063403090	40	C1063412090	40
C1063404090	40	C1063412160	40
C1063405090	40	C1063416090	40
C1063406090	40	C1063418160	40
C1063406160	40	C1063420090	40
C1063408090	40	C1063420160	40
C1063408160	40	C1063425100	40
C1063410090	40	C1063425160	40
C1063410160	40		

KERFOLG

SHRINK FIT CHUCKS DIN 69871
SK AD+B



CODE	SK	CODE	SK
C0063403070	40	C00634110120	40
C0063403120	40	C00634110160	40
C0063404070	40	C0063412080	40
C0063404120	40	C0063412120	40
C0063405070	40	C0063412160	40
C0063405120	40	C0063414080	40
C0063406080	40	C0063414160	40
C0063406120	40	C0063416080	40
C0063406160	40	C0063416120	40
C0063408080	40	C0063418160	40
C0063408120	40	C0063420080	40
C0063408160	40	C0063420120	40
C0063410080	40	C0063425100	40

KERFOLG

SHRINK FIT CHUCKS DIN 69871
SK AD+B



CODE	SK	CODE	SK
C0064506080	50	C0064520080	50
C0064508080	50	C0064525100	50
C0064510080	50	C0064532100	50
C0064512080	50		

KERFOLG

SHRINK FIT CHUCKS MAS 403 BT
AD+B



CODE	BT	CODE	BT
C1064506100	50	C1064516100	50
C1064508100	50	C1064520100	50
C1064510100	50	C1064525110	50
C1064512100	50	C1064532100	50

KERFOLG

SHRINK FIT CHUCKS DIN 69893
HSK A



CODE	HSK	CODE	HSK
C2063604080	63	C2063612160	63
C2063604120	63	C2063614090	63
C2063604160	63	C2063614120	63
C2063606080	63	C2063614160	63
C2063606120	63	C2063616095	63
C2063606160	63	C2063616120	63
C2063608080	63	C2063616160	63
C2063608120	63	C2063620100	63
C2063608160	63	C2063620160	63
C2063610085	63	C2063625115	63
C2063610120	63	C2063625160	63
C2063610160	63	C2063632120	63
C2063612090	63	C2063632160	63
C2063612120	63		

KERFOLG

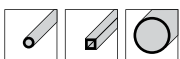
SHRINK FIT CHUCKS DIN 69893
HSK A



CODE	HSK	CODE	HSK
C2064106085	100	C2064112120	100
C2064106120	100	C2064116100	100
C2064108085	100	C2064116160	100
C2064108120	100	C2064120105	100
C2064110090	100	C2064125115	100
C2064110120	100	C2064132120	100
C2064112095	100		



UNIVERSAL BLADE WITH HM TOOTH



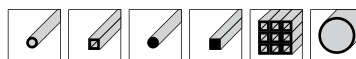
**EXCEPTIONAL VIBRATION
RESISTANCE**

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



BAND SAW BLADES M42 - PROFILE SUPERIOR



**BLADES FOR PROFILE AND
SOLID CUTTING**

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

27 x 0.9 mm

Developments mm	knife teeth	Code	HT
2450	3/4	A7056245034	63,75
2500	3/4	A7056250034	64,99
2590	3/4	A7056259034	67,24
2600	3/4	A7056260034	67,49
2650	3/4	A7056265034	68,75
2700	3/4	A7056270034	69,99
2750	3/4	A7056275034	71,23
2765	3/4	A7056276534	71,61
2825	3/4	A7056282534	73,10
2845	3/4	A7056284534	73,60
2950	3/4	A7056295034	76,22
3010	3/4	A7056301034	77,73
3100	3/4	A7056310034	79,97
3120	3/4	A7056312034	80,48
3150	3/4	A7056315034	81,22
3180	3/4	A7056318034	81,97
3200	3/4	A7056320034	82,47
3225	3/4	A7056322534	83,14
3320	3/4	A7056332034	85,49
3370	3/4	A7056337034	86,71
3505	3/4	A7056350534	90,09
3660	3/4	A7056366034	93,97
3900	3/4	A7056390034	99,94
4600	3/4	A7056460034	117,43

Developments mm	knife teeth	Code	HT
2450	4/6	A7056245046	82,89
2500	4/6	A7056250046	84,52
2590	4/6	A7056259046	87,48
2600	4/6	A7056260046	87,80
2650	4/6	A7056265046	89,45
2700	4/6	A7056270046	91,08
2750	4/6	A7056275046	92,71
2765	4/6	A7056276546	93,21
2825	4/6	A7056282546	95,18
2845	4/6	A7056284546	95,84
2950	4/6	A7056295046	99,27
3010	4/6	A7056301046	101,25
3100	4/6	A7056310046	104,21
3150	4/6	A7056315046	106,02
3180	4/6	A7056318046	106,82
3200	4/6	A7056320046	107,47
3225	4/6	A7056322546	83,09
		A7056332046	124,00
3370	4/6	A7056337046	113,05
3505	4/6	A7056350546	117,47
3660	4/6	A7056366046	122,76
3900	4/6	A7056390046	130,42
4600	4/6	A7056460046	153,37

from 20 to 54 mm

Developments mm	knife teeth	Code	HT
2450	6/10	A70302450610	29,10
2750	6/10	A70302750610	32,17
2845	6/10	A70302845610	33,13
2950	6/10	A70302950610	34,21
3150	6/10	A70303150610	36,26
3270	6/10	A70303270610	37,49

Developments mm	knife teeth	Code	HT
2750	8/11	A70302750811	32,17
2950	8/11	A70302950811	34,21

Developments mm	knife teeth	Code	HT
2450	4/6	A7030245046	29,10
3150	4/6	A7030315046	36,26
3320	4/6	A7030332046	37,99

Developments mm	knife teeth	Code	HT
2450	5/7	A7030245057	29,10
2500	5/7	A7030250057	29,61
2590	5/7	A7030259057	30,53
2750	5/7	A7030275057	32,17
2950	5/7	A7030295057	34,21
3010	5/7	A7030301057	34,83
3120	5/7	A7030312057	35,95
3150	5/7	A7030315057	36,26
3270	5/7	A7030327057	37,49



BIMETAL BLADE M42



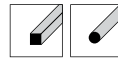
**UNIVERSAL BLADE WITH
EXCELLENT PERFORMANCE**

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



M71 SUPER-RAPID STEEL BIMETAL BLADE



**CUTTING TOUGH MATERIALS
WITH LOW FRICTION**

P	
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O	

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

27 x 0,9 mm

Development mm	knife teeth	Code	HT
2450	3/4	SU8272450Z34	28,56
2750	3/4	SU8272750Z34	31,56
2765	3/4	SU8272765Z34	31,71
2825	3/4	SU8272825Z34	32,31
3010	3/4	SU8273010Z34	34,17
3120	3/4	SU8273120Z34	35,27
3150	3/4	SU8273150Z34	35,57
3180	3/4	SU8273180Z34	35,87
3270	3/4	SU8273270Z34	36,77
3320	3/4	SU8273320Z34	37,27
3660	3/4	SU8273660Z34	40,68
2950	3/4	SU8272950Z34	33,57

Development mm	knife teeth	Code	HT
2450	4/6	SU8272450Z46	25,71
2750	4/6	SU8272750Z46	31,56
2765	4/6	SU8272765Z46	31,71
2825	4/6	SU8272825Z46	32,31
2950	4/6	SU8272950Z46	33,57
3010	4/6	SU8273010Z46	34,17
3120	4/6	SU8273120Z46	35,27
3150	4/6	SU8273150Z46	35,57
3270	4/6	SU8273270Z46	36,77
3320	4/6	SU8273320Z46	37,27
3660	4/6	SU8273660Z46	40,68

Development mm	knife teeth	Code	HT
2450	5/7	SU8272450Z57	28,56
2750	5/7	SU8272750Z57	31,56
2765	5/7	SU8272765Z57	31,71
2825	5/7	SU8272825Z57	32,31
2950	5/7	SU8272950Z57	33,57
3010	5/7	SU8273010Z57	34,17
3120	5/7	SU8273120Z57	35,27
3150	5/7	SU8273150Z57	35,57
3180	5/7	SU8273180Z57	35,87
3270	5/7	SU8273270Z57	36,77
3320	5/7	SU8273320Z57	37,27
3660	5/7	SU8273660Z57	40,68

27 x 0,9 mm

Development mm	knife teeth	Code	HT
2450	3/4	HLG272450Z34	36,69
2750	3/4	HLG272750Z34	40,69
2765	3/4	HLG272765Z34	40,89
2825	3/4	HLG272825Z34	41,69
2950	3/4	HLG272950Z34	43,36
3010	3/4	HLG273010Z34	44,16
3120	3/4	HLG273120Z34	45,62
3150	3/4	HLG273150Z34	46,02
3180	3/4	HLG273180Z34	46,42
3270	3/4	HLG273270Z34	47,62
3320	3/4	HLG273320Z34	48,29
3660	3/4	HLG273660Z34	52,82

Development mm	knife teeth	Code	HT
2450	4/6	HLG272450Z46	36,69
2750	4/6	HLG272750Z46	40,69
2765	4/6	HLG272765Z46	40,89
2825	4/6	HLG272825Z46	41,69
2950	4/6	HLG272950Z46	43,36
3010	4/6	HLG273010Z46	44,16
3120	4/6	HLG273120Z46	45,62
3150	4/6	HLG273150Z46	46,02
3180	4/6	HLG273180Z46	46,42
3270	4/6	HLG273270Z46	47,62
3320	4/6	HLG273320Z46	48,29
3660	4/6	HLG273660Z46	52,82

METROLOGY



ALPA

DIGITAL CALIPER FOR GROOVES AND CHANNELS IP67
WITH PRESET



Resolution 0,01mm - Swiss electronics with data output and IP67 protection degree (complete immersion in water) also cable-connected. Hardened stainless steel construction. Screw lock.

CODE	ALPA CODE	Price List	HT	Range mm
D014610170	AA086170	764,00	585,00	10 ÷ 170
D014620180	AA086180	834,00	637,00	20 ÷ 180



ALPA

DIGITAL CALIPER IP67



CODE	ALPA CODE	Price List	HT	Rod	Range mm
D0007150P	AA017150P	449,00	115,00	■	0 ÷ 150
D0007150T	AA017150T	449,00	115,00	●	0 ÷ 150
D0007200	AA017200	496,00	152,00	■	0 ÷ 200
D0007300	AA017300	252,00	196,00	■	0 ÷ 300

ALPA

DIGITAL CALIPER



CODE	ALPA CODE	Price List	HT	Rod	Range mm
D0026150P	AA020150P	82,00	62,00	■	0 ÷ 150
D0026150T	AA020150T	84,00	62,00	●	0 ÷ 150
D0026200	AA020200	117,00	91,00	■	0 ÷ 200
D0026300	AA020300	167,00	130,00	■	0 ÷ 300

ANALOG PRECISION DIAL INDICATORS

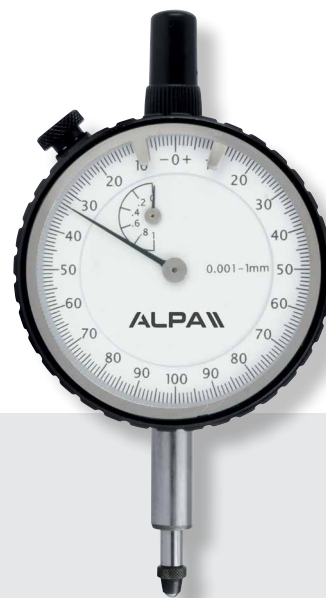
0.01 mm resolution - Metal casing and ring nut, steel tips. $\varnothing$ 8 mm stem.



CODE	ALPA CODE	Price List	HT 1 pcs	HT 3 pcs	HT 5 pcs	HT 10 pcs	Range mm	Diameter mm
D237005	CB01305	37,00	29,00	28,00	27,00	25,00	0 ÷ 5	0.01
D237010	CB01410	32,00	25,00	24,00	23,00	21,00	0 ÷ 10	0.01
D237025	CB01425	40,00	37,00	36,00	35,00	33,00	0 ÷ 25	0.01
D237030	CB01430	74,00	57,00	56,00	54,00	52,00	0 ÷ 30	0.01
D237050	CB02150	406,00	82,00	80,00	78,00	75,00	0 ÷ 50	0.01

DIAL INDICATOR Ø 58

Analogue dial indicator $\varnothing$ 58 mm. Range 1 mm. Stainless steel stem and hardened steel tip, $\varnothing$ 8 mm stem.



CODE	ALPA CODE	Price List	HT 1 pcs	Excursion mm	Resolution mm
D23611	CB0261	408,00	83,00	1	0.001

NEW

DIAL GAUGE HOLDER STAND WITH GRANITE BASE

- Flatness and accuracy to DIN 876/00 | Dovetail connection $\varnothing$ 8 mm | Fully articulated column | Centralised clamping | Micrometric adjustment



CODE	ALPA CODE	Price List	HT	Locking
D2536MEC	CD024ME	329,00	312,00	Mechanical

MEASURING STANDS WITH GRANITE TABLE

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



CODE	ALPA CODE	Price List	HT	Base mm	Column $\varnothing$ x h mm
D253520	CD040D	392,00	302,00	300 x 200	30 x 300
D253530	CD040B	253,00	196,00	250 x 160	25 x 200
D253540	CD040C	477,00	371,00	300 x 200	30 x 300

FAST ACTION DIGITAL MICROMETERS SET

Bowers XTH series indoor micrometers are also available in KIT form. This makes it possible to economise on the cost of rings: one ring can calibrate two instruments. New Bluetooth technology. Each set comes with calibration rings and UKAS calibration certificate for both micrometers and rings. Supplied in a wooden case.



CODE	ALPA CODE	Price List	HT	Range mm	Measuring heads pcs	Setting ring pcs
D1286006010SET	BA24210SET	4.883,00	1.463,00	6 + 10	2	1
D1286006020SET	BA24220SETL	2.944,00	2.262,00	6 + 20	5	3
D1286010020SET	BA24220SET	2.428,00	1.888,00	10 + 20	3	2
D1286020050SET	BA24250SET	3.158,00	2.451,00	20 + 50	3	2
D1286020100SET	BA242100SETL	6.187,00	4.031,00	20 + 100	6	2
D1286050100SET	BA242100SET	3.523,00	2.739,00	50 + 100	3	2
D1286100150SET	BA242150SET	3.158,00	2.454,00	100 + 150	2	1
D1286100200SET	BA242200SETL	6.985,00	5.420,00	100 + 200	4	2
D1286150200SET	BA242200SET	4.235,00	3.260,00	150 + 200	2	1

IP 67	CE	Bluetooth	0,001 mm	LCD	3V CR2032	Checkmark	Checkmark
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BLUETOOTH CONNECTION DEVICE

Necessary for connection to PCs and laptops.



€ 98,00
1274021

THREE POINTS INTERNAL MICROMETERS SET

Complete with zero-setting rings and extension rods (100 mm -150 mm).

PRECISION:
Thanks to the three measuring points, the instrument self-centers within the hole to be measured.



CODE	ALPA CODE	Price List	HT	Range mm	Single tools mm	Rings Ø mm	Extension mm
D1315006012	BB27212SET	848,00	633,00	6 + 12	6-8 / 8-10 / 10-12	6 / 8 / 10	100
D1315012020	BB27220SET	609,00	406,00	12 + 20	12-16 / 16-20	16	150
D1315020040	BB27240SET	954,00	742,00	20 + 40	20-25 / 25-30 / 30-40	25 / 40	150
D1315040100	BB272100SET	4.866,00	1.450,00	40 + 100	40-50 / 50-63 / 62-75 / 75-88 / 87-100	40 / 62 / 87	150



TRIMOS

TRIMOS V5 ALTRIMETER

The manual handling function is indispensable for precision approaches and small parts.

The motorised handling function is most practical for fast feeds and large measurements.

Integrated two-speed manual and motorised movement.



MIN/MAX FUNCTION

CODE	Comp mm	Measuring capacity mm	Perpendicularity µm
1375667	407	719	5
1375668	711	1023	8
1389256	1110	1422	11

KIT 1

€ 6400 ,00

1375667

CODE	Description
1375667	Bore Gauge V5 400
1387859	Bluetooth transmitter
D3205800	Inspection plates 800X

+



BLUETOOTH TRANSMITTER



1387859

ALPA

BLACK GRANITE INSPECTION PLATES WITH STAND



+

CODE	ALPA CODE	Dimension mm
D3205800	HA122800T	800 x 500 x 100
D32051000	HA1221000T	1000 x 630 x 140

KIT 2

€ 7200 ,00

1375668

CODE	Description
1375668	Bore Gauge V5 700
1387859	Bluetooth transmitter
D3205800	Inspection plates 800X

KIT 3

€ 10950 ,00

1389256

CODE	Description
1389256	Bore Gauge V5 1000
1387859	Bluetooth transmitter
D32051000	Inspection plates 1000X

* Delivery is included in the price



TRIMOS

TRIMOS V1+ ALTRIMETER

The bi-directional measuring column offers greater versatility without requiring additional accessories.

It also features advanced fine adjustment and constant measuring force, both of which are essential for improving measurement accuracy.

Displacement crank with preloading ring nut, locking lever and micrometric adjustment.



- + Robust and easily portable
- + Clear and simple user interface
- + Counterweight for operational comfort
- + Rapid movement and sliding transport

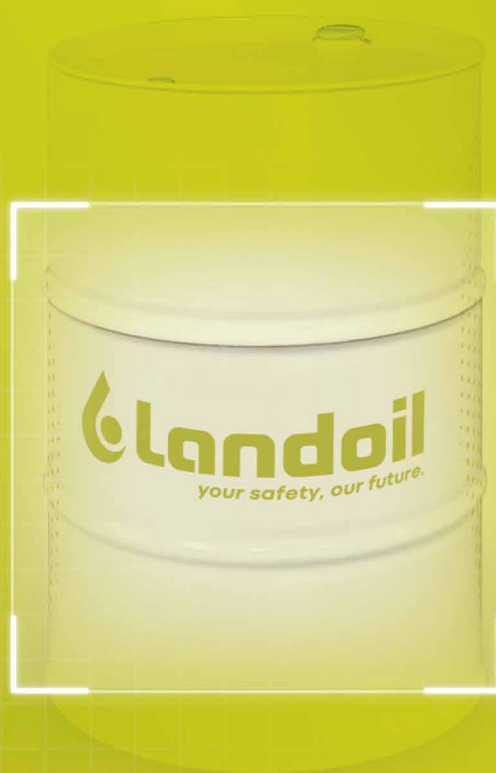
CODE	HT	Range mm
1389285	2.680,00	306
1389286	3.065,00	612

MEASURING HEIGHTS

MEASUREMENT OF GROOVES AND DIAMETERS

WHEELBASE MEASUREMENTS

LUBRICANTS





WATER-MISCIBLE METALWORKING FLUID

FUTURA S UNI

Futura S UNI is a semi-synthetic, ester-based water-miscible metalworking fluid derived from renewable raw materials. It is free of chlorine, boron and bactericides.

Futura S UNI is a universal metalworking fluid designed for use in medium-heavy-duty machining and grinding operations on all materials: steels, stainless steels, titanium and cast irons; it can also machine aluminium alloys. The formulation has a very high balance between lubricity and detergency, making it an extremely versatile product for all types of machining.

Universal product

Ester based

Biocide free

Boron free

Appearance concentrated		Amber
Appearance emulsion		Translucent
pH	5%	9,4 - 9,7
Refractometer factor		1,8
Water compatibility	°F	5 - 50



NEW



CODE	Price List	HT	Quantity L	Package
H02130025	215,00	204,00	25	Can
H02130200	1.540,00	1.463,00	200	Drum



SLIDEWAY OILS CARRIER

NEW



CODE	Price List	HT	Series	Quantity L	Package	Viscosity at 40°C cSt
H2016320025	150,00	143,00	1	25	Can	32
H2016680005	48,00	46,00	2	5	Jerry can	68
H2016680025	152,75	145,00	2	25	Can	68
H2016680200	1.022,00	971,00	2	200	Drum	68
H2016220025	164,25	156,00	4	25	Can	220
H2016220200	1.414,00	1.058,00	4	200	Drum	220



HYDRAULIC OILS ABACUS PLUS



CODE	Price List	HT	Quantity L	Package	Viscosity at 40°C cSt
H2021320025	180,00	171,00	25	Jerry can	32
H2021320200	1.325,00	1.259,00	200	Drum	32
H2021460005	52,00	49,00	5	Jerry can	46
H2021460025	200,00	190,00	25	Jerry can	46
H2021460200	1.395,00	1.325,00	200	Drum	46
H2021680025	245,00	204,00	25	Jerry can	68
H2021680200	1.620,00	1.539,00	200	Drum	68



NEAT CUTTING OIL

MIRZAN

Mirzan 740 is a whole cutting fluid based on synthetic esters and antioxidant additives. The product is designed for universal use during heavy-duty machining on all materials. Excellent in turning and milling, its formulation fully protects the operator's health. It has extraordinary cleaning power and is free of mineral oils, chlorinated compounds and PCB/PCT.

High flash point

Low volatility

High tool performance

Very oxidation-stable

Does not stain yellow metals

Viscosity at 40°C	cSt	35
Viscosity at 100°C	cSt	7,5
Viscosity index		189
Flashpoint (COC)	°C	300
Pour point	°C	- 10
Specific gravity at 15°C	kg/L	0,910
Copper corrosion test	3h	1a



CODE	Price List	HT	Series	Quantity L	Package
H11680025	420,00	114,00	740	25	Can
H11680005	55,00	52,00	740	5	Can
H11680200	700,00	741,00	740	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	537,66	300,00	830	830	470	1 drum of 200 L	200
P6915F2	578,86	350,00	1350	780	370	2 drums of 200 L	230
P6915F4	966,14	600,00	2670	775	290	4 drums of 200 L	330
P6915F4SQ	729,24	475,00	1350	1325	310	4 drums of 200 L	330
P6915F8	1.459,54	860,00	2670	1325	310	8 drums of 200 L	650





PROTECTIVE FLUID PROTEX DW/O

Protex DW /O is a corrosion protection fluid with a dewatering action designed specifically for the protection of steel laminates and semi-finished products even of complex geometry, as well as for the external protection of parts subject to subsequent handling.

CODE	Price List	HT	Quantity L	Package
H2106025	490,90	181,00	25	Can
H2106400	6,90	5,99	0,4	Spray can



NEW



PROTECTIVE FLUID PROTEX O

Protex O is an oil-based corrosion protection fluid consisting of paraffinic bases with added anti-corrosion and anti-oxidant additives, specifically designed to protect semi-finished products or finished products that must withstand extreme storage or transport conditions.

CODE	Price List	HT	Series	Quantity L	Package
H2112025	494,25	185,00	Heavy	25	Can



NEW



PROTECTIVE FLUID PROTEX W

PROTEX W is a wax-based corrosion protection fluid for metal components that are stored in high humidity and high salinity conditions. Thanks to a specific formulation and excellent balance of detergents and solvents, PROTEX W has excellent degreasing properties and a dewatering effect.

CODE	Price List	HT	Quantity L	Package
H2117025	273,75	260,00	25	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	220,90	165,00	1600	200 x 300	100
H217010033X22	244,90	158,00	320	330 x 220 x 550h	100
H217010044X33	206,90	154,00	150	440 x 330 x 820h	100



COALESCENCE OIL SEPARATOR
TOS



Extends the life of the emulsion

*Can be used on several machine
tools*

*Does not require operator
supervision*

Reducing chemical biological risks

*Reduces fumes generated by
foreign oils*

No bad odours



Coalescence oil separator 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



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

VOLUME CABIN INTERIOR	MODEL RECOMMENDED
Until 3m ³	AFM MIST PLUS 500
From 3m ³ to 5m ³	AFM MIST PLUS 1000
From 5m ³ to 8m ³	AFM MIST PLUS 2000
From 8m ³ to 10m ³	AFM MIST PLUS 3000

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



TOOL CABINETS WITH MRO ASSORTMENTS



CODE	Price List	HT	Composition
E8260B7	840,00	450,00	Wodex WX9445/B7SCS trolley
E8281142	4.924,00	1.030,00	Wodex WX9445/B7SCS trolley + 142 tool set

CODE	Price List	HT	Composition
E8215B7S	4.080,00	700,00	Wodex WX9410/B7SCS trolley
E8280142	2.955,00	1.270,00	Wodex WX9410/B7SCS trolley + 142 tool set

+ 142 TOOLS



WX1060/SE16	Combination wrenches
WX9492	Empty tray

WX2700/SE10	T-handle wrench sets
WX2085/SE55	1/4" socket wrench sets
WX9520/SE17	Hexagonal socket wrenches STUBBY screwdrivers

WX4200/SE5	Screwdriver sets for slotted screws
WX4205/SE8	Screwdriver sets for Phillips screws
WX9500/SE2	Hammer and mallet kit

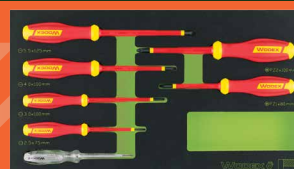
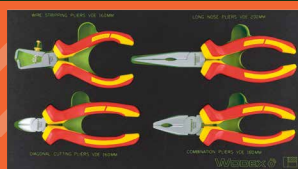
WX7612/SE5	File kits
WX3750/SE4	Pliers and Cutters
WX9510/SE3	Cutting and lighting tool kits
WX4950/SE6	Pin punch kits

WX3760/SE4

WX4300/SE7

WX9490

FREE
with MRO assortments





LED TORCHES
WX6600

WODEX 

WX2080/SE44-PC



€ **82,00**

E489044

SOCKET SET 1/4" - 44 TOOLS IN ABS CASE



Composition:

WX2040	Reversible ratchet 1/4"
WX2000	Sockets polygonal 1/4" 4 - 4.5 - 5 - 5.5 - 6 - 7 - 8 - 9 - 10 - 11 - 12 - 13 mm
WX2048	T-handle lever with 1/4" sliding square drive
WX2052	Extensions Wobble 1/4"x50 - 1/4"x100
WX2054	Cardan joint 1/4"
WX2047	Socket screwdriver 1/4"
WX4642	Socket bit adapter 1/4" hex drive 1/4" x 25 mm
WX4640	Hexagonal insert holder sockets 1/4"
WX4400	Insert bits 1/4"x25 Phillips* PH1 - PH2 - PH3

WODEX 

WX2090/SE66-PC



€ **192,00**

E489466

SOCKET SET 1/4" AND 1/2" - 66 TOOLS IN ABS CASE



Composition:

WX2040	Reversible ratchet 1/4"
WX2000	Sockets 1/4" 4 - 5 - 5.5 - 6 - 7 - 8 - 9 - 10 - 11 - 12 - 13 mm
WX2048	T-handle lever with 1/4" sliding square drive
WX2052	Extensions Wobble 1/4"x50 - 1/4"x150
WX2054	Cardan joint 1/4"
WX2047	Socket screwdriver 1/4"
WX4642	Socket bit adapter 1/4" hex drive 1/4" x 25 mm
WX4640	Hexagonal insert holder sockets 1/4"
WX4430	Insert bits 1/4"x25 slotted 4 - 5.5 mm

WODEX 

WX2180/SE39-PC



€ **129,00**

E490939

SOCKET SET 3/8" - 39 TOOLS IN PE-HD CASE



Composition:

WX2140	Reversible ratchet 3/8"
WX2100	Sockets 3/8" 6 - 7 - 8 - 9 - 10 - 11 - 12 - 13 - 14 - 15 - 16 - 17 - 18 - 19 - 20 - 21 - 22 - 24 mm
WX2110	Socket drivers 3/8" HEX 3 - 4 - 5 - 6 - 7 - 8 - 10 mm
WX2120	Socket drivers 3/8" Torx* T10 - T15 - T20 - T25 - T27 - T30 - T40
WX2152	Extensions Wobble 3/8"x75 - 3/8"x250
WX2154	Cardan joint 3/8"
WX2159	Reducer joint 1/2"-3/8" with hole for extensions
WX2109	Sockets 3/8" for spark plugs 16- 21 mm

COMPACT AND ERGONOMIC
HIGH PERFORMANCE LED TORCHES XPG-R5.



WODEX

WX2085/SE55-PC

€ 83,00

E489255



SOCKET SET 1/4" - 55 TOOLS IN ABS CASE



Composition:

WX2045	Reversible stubby ratchet 1/4"
WX2000	Sockets polygonal 1/4" 4 - 4.5 - 5 - 5.5 - 6 - 7 - 8 - 9 - 10 - 11 - 12 - 13 mm
WX4642	Socket bit adapter 1/4" hex drive 1/4" x 25 mm
WX4640	Hexagonal insert holder sockets 1/4"
WX4630	Bit holder 1/4" - 1/4"x60 mm
WX4620	Bit holder screwdriver quick change 1/4"
WX4400	Insert bits 1/4"x25 Phillips® PH1 (2) - PH2 (3) - PH3 (1)
WX4415	Insert bits 1/4"x25 Pozidriv® PZ1 (3) - PZ2 (3) - PZ3 (1)
WX4430	Insert bits 1/4"x25 slotted 4 (1) - 4.5 (1) - 5.5 (2) - 6.5 (2) mm

WODEX

WX2092/SE71-PC

€ 192,00

E489671



SOCKET WRENCHES 1/4" AND 1/2" - SET OF 71 TOOLS IN ABS CASE



Composition:

WX2040	Reversible ratchet 1/4"
WX2200	Sockets polygonal 1/4" 4 - 5 - 5.5 - 6 - 7 - 8 - 9 - 10 - 11 - 12 - 13 mm
WX2048	T-handle lever with 1/4" sliding square drive
WX2052	Extensions Wobble 1/4"x50 - 1/4"x150
WX2054	Cardan joint 1/4"
WX2047	Socket screwdriver 1/4"
WX4642	Socket bit adapter 1/4" hex drive 1/4" x 25 mm
WX4640	Hexagonal insert holder sockets 1/4"
WX4430	Insert bits 1/4"x25 slotted 3 - 4 - 5.5 - 6.5 mm

WODEX

WX2190/SE39-PC

€ 145,00

E491440



SOCKET SET 3/8" - 40 TOOLS IN PE-HD CASE



Composition:

WX2140	Reversible ratchet 3/8"
WX2105	Sockets 3/8" 6 - 7 - 8 - 9 - 10 - 11 - 12 - 13 - 14 - 15 - 16 - 17 - 18 - 19 - 20 - 21 - 22 - 24 mm
WX2110	Socket drivers 3/8" male HEX 3 - 4 - 5 - 6 - 7 - 8 - 10 mm
WX2120	Socket drivers 3/8" Torx® T10 - T15 - T20 - T25 - T27 - T30 - T40
WX2152	Extensions Wobble 3/8"x75 - 3/8"x150 - 3/8"x250 mm
WX2154	Cardon joint 3/8"
WX2148	T-lever with sliding square 3/8"
WX2158	Reducer joint 3/8"F - 1/4"M
WX2160	Adaptor joint 3/8"F - 1/2"M



LED TORCHES
WX6600

WODEX

WX2280/SE36-PC



€ 162,00
E492036

SOCKET SET 1/2" - 36 TOOLS



Composition:

WX2240	Reversible ratchet 1/2"
WX2200	Sockets 1/2" 8 - 9 - 10 - 11 - 12 - 13 - 14 - 15 - 16 - 17 - 18 - 19 - 20 - 21 - 22 - 24 - 27 - 30 - 32 mm
WX2210	Socket drivers 1/2" HEX 6 - 8 - 10 - 12 - 14 mm
WX2220	Socket drivers 1/2" Torx® T30 - T40 - T45 - T55 - T60
WX2232	Socket drivers 1/2" for Phillips® screws PH3 - PH4
WX2252	Extensions Wobble 1/2"x125 - 1/2"x250
WX2254	Cardan joint 1/2"
WX2161	Adapter joint 3/8" F-1/2" M with hole for extension

WODEX

WX2290/SE40-PC



€ 168,00
E492340

SOCKET WRENCHES 1/2" - SET OF 40 TOOLS



Composition:

WX2240	Reversible ratchet 1/2"
WX2205	Sockets 1/2" 8 - 9 - 10 - 11 - 12 - 13 - 14 - 15 - 16 - 17 - 18 - 19 - 20 - 21 - 22 - 24 - 27 - 30 - 32 mm
WX2210	Socket drivers 1/2" male HEX 4 - 5 - 6 - 7 - 8 - 10 - 12 - 14 - 17 - 19 mm
WX2220	Socket drivers 1/2" Torx® T30 - T40 - T45 - T50 - T55 - T60
WX2252	Extensions Wobble 1/2"x125 - 1/2"x250
WX2254	Cardan joint 1/2"
WX2161	Adapter joint 3/8" F-1/2" M with hole for extension

MALE T-KEYS WITH FIXED SHAFT

WX2719

Premium Quality T-handles with fixed t-handle for hexagon socket screws. High-quality materials combined with particularly accurate workmanship guarantee very high tightening torques.



CODE	Price List	HT	● mm	a mm	L mm
E264602	17,20	10,90	2	65	125
E264602,5	17,20	10,90	2,5	65	125
E264603	17,20	10,90	3	65	135
E264604	19,70	12,50	4	90	180
E264605	21,20	13,40	5	90	180
E264606	24,90	13,80	6	105	210
E264608	26,20	16,60	8	125	250



FIXED T-HANDLE HEXAGONAL WRENCHES

WX2717

T-handle wrenches PREMIUM QUALITY with fixed shaft for hexagonal socket head screws. Wrenches with colour coding function for quick selection of the correct size.



CODE	Price List	HT	● mm	a mm	L mm
E264302	14,79	9,40	2	66	130
E264302,5	14,79	9,40	2,5	66	130
E264303	14,79	9,40	3	76	150
E264304	15,52	9,80	4	91	180
E264305	16,19	10,20	5	105	210
E264306	19,12	12,10	6	105	210
E264308	24,02	13,30	8	126	250



LONG HEXAGONAL L KEYS WITH MAGNET IN SET

WX2602/S9

Set of 9 long hexagonal keys with ball end and permanent magnet.



CODE	Price List	HT	Pieces
E231109	46,69	18,50	9



WODEX

SCREWDRIVERS PREMIUM QUALITY IN SET

WX4255/S5 - WX4255/S7 - WX4255/S8 - WX4255/S11



CODE	Price List	HT	Pieces
E608805	31,74	22,00	5
E608807	52,40	34,70	7
E608808	49,74	33,10	8
E608811	76,96	51,20	11

WODEX

SCREWDRIVERS PREMIUM QUALITY IN SET

WX4260/S10 - WX4260/S15



CODE	Price List	HT	Pieces
E609007	46,96	30,70	7
E609008	56,40	36,70	8
E609010	57,77	38,50	10
E609015	109,02	72,50	15

WODEX

SCREWDRIVERS VDE 1000 VOLT INSULATED IN SET

WX4350/S7 - WX4350/S8



CODE	Price List	HT	Pieces
E616707	40,39	32,20	7
E616708	54,00	36,50	8

WODEX

SCREWDRIVERS VDE 1000 VOLT INSULATED IN SET

WX4355/S7 - WX4355/S8



CODE	Price List	HT	Pieces
E616807	40,39	32,20	7
E616808	54,00	36,50	8

WODEX

SET OF HEXAGONAL WRENCHES WITH T-HANDLES

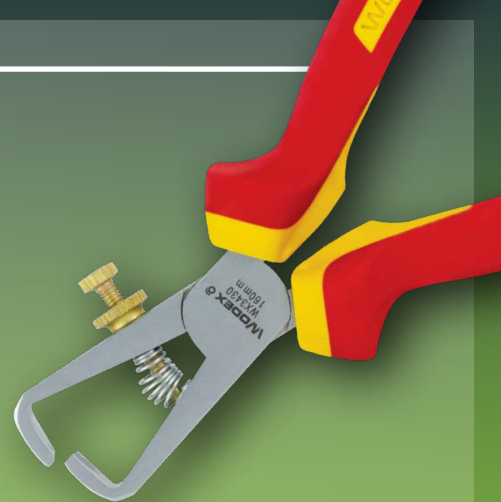
WX2750/S6



CODE	Price List	HT	Pieces
E256306	62,73	36,00	6



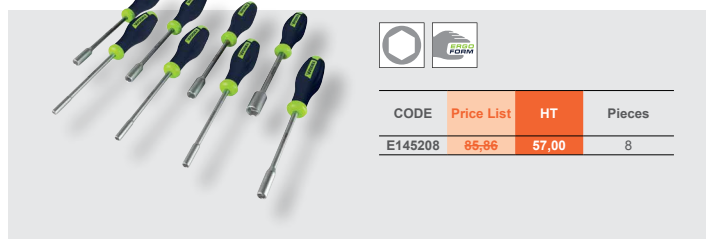
Wire strippers PREMIUM QUALITY
made of chromium-molybdenum steel,
satin finish.



WODEX

HEXAGONAL NUTDRIVERS WITH HANDLE IN SET

WX1950/S8



WODEX

HEXAGONAL SCREWDRIVERS WITH BALL END IN SET

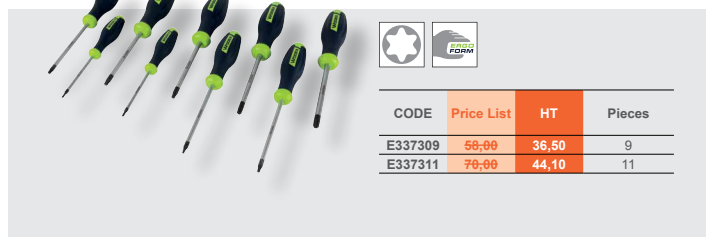
WX2810/S5



WODEX

SCREWDRIVERS FOR TORX® SCREWS IN SET

WX2940/S9 - WX2940/S11



WODEX

SCREWDRIVERS FOR PHILLIPS® SCREWS IN SET

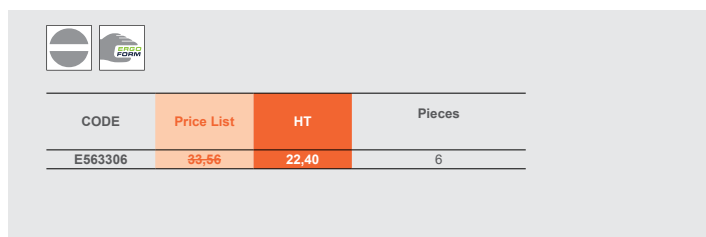
WX4050/S4



WODEX

SCREWDRIVERS FOR SLOTTED SCREWS IN SET

WX4000/SE6



TORQUE INDICATOR SCREWDRIVERS

300 TX

Torque indicators with fixed pre-set torque for TORX® screws. Unlimited loosening torque for loosening stuck screws. Multi-component Kraftform handle with anti-roll protection. Accuracy: $\pm 10\%$.



CODE	Price List	HT	O	Torque Nm	a mm	L mm
E663010	72,16	46,00	T10	2	65	170
E663015	76,96	49,00	T15	3	65	170
E66306	64,30	41,00	T6	0,6	65	170
E66307	64,97	42,00	T7	0,9	65	170
E66308	65,94	42,00	T8	1,2	65	170

TORQUE INDICATOR SCREWDRIVERS

300 IP

Torque Indicators with pre-set for TORX PLUS® screws, with excess load signal that is distinct audible and perceptible when the pre-set torque value is reached. Kraftform grip handle multi-component with anti-rolling protection. Precision: $\pm 10\%$



CODE	Price List	HT	O	Torque Nm	a mm	L mm
E666010	75,95	46,00	T10P	2	65	170
E666015	80,42	49,00	T15P	3	65	170
E66606	67,54	41,00	T6P	0,6	65	170
E66607	68,10	41,00	T7P	0,9	65	170
E66608	68,68	42,00	T8P	1,2	65	170

TORQUE SCREWDRIVERS

Kraftform SAFE-TORQUE 7510 - 7515

Kraftform Safe-Torque Speed Series 7500 torque wrenches for torque-controlled screwdrivers with 1/4" hexagon bits according to DIN ISO 1173-C 6.3 - E 6.3. The quick-adjust button makes it very easy to set one of 5 torque values.



CODE	Price List	HT	Capacities Nm	Coupling O	L mm	Weight g
E667006	447,95	75,00	2 - 3 - 4 - 5 - 6	1/4"	148	227
E667003	447,95	75,00	1 - 1,5 - 2 - 2,5 - 3	1/4"	148	208

TORQUE WRENCHES CLICK-ACTION

WX6362

Premium quality mechanical torque wrenches Made in Germany with integrated ratchet wrench for controlled right-hand tightening with socket wrenches. Window with easily readable Nm scale, additional micrometer scale for setting the intermediate torque value.



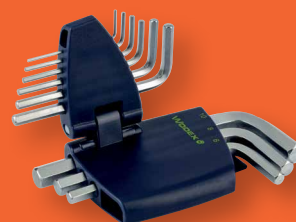
CODE	Price List	HT	Capacity Nm	Coupling	Resolution Nm
E6701025	478,00	118,00	5 ÷ 25	1/4"	0,10
E6701050	487,00	124,00	10 ÷ 50	3/8"	0,25
E6701100	489,00	125,00	20 ÷ 100	1/2"	0,50

FREE



CODE

E229609



Set of 9 hexagonal L keys in high strength and hardness steel.



FREE
WITH SCREWDRIVERS

FREE



CODE

N707901

Compact and ergonomic high performance LED torches XPG-R5.

PLIERS AND CUTTING NIPPERS IN SET

WX3735/S3



CODE	Price List	HT	Pieces
F008003	70,97	47,00	3

PLIERS AND CUTTING NIPPERS VDE INSULATED 1000 VOLTS IN SET

WX3752/S3



CODE	Price List	HT	Pieces
F010203	70,97	47,00	3

FREE
WITH PLIERS



CODE

F121510

Wire strippers PREMIUM QUALITY made of chromium-molybdenum steel, satin finish.

SET OF PLIERS FOR INTERNAL AND EXTERNAL CIRCLIPS

WX3420/S4 - WX3420/S8 - WX3420/S12



CODE	Price List	HT	Pieces
F045904	80,79	56,00	4
F045908	162,85	106,00	8
F045912	229,28	159,00	12

SET OF PLIERS FOR INTERNAL AND EXTERNAL CIRCLIPS

WX3422/S8 - WX3422/S12 - WX3422/S16



CODE	Price List	HT	Pieces
F046108	150,31	110,00	8
F046112	241,29	168,00	12
F046116	341,73	237,00	16

FREE
WITH PLIERS



CODE

F0275200

F0275160

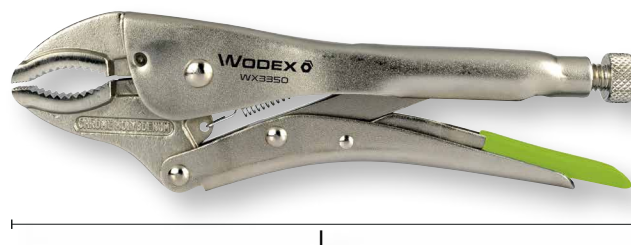
Long half round bent nose pliers with nippers PREMIUM QUALITY made of chromium-molybdenum steel with satin finish.

ADJUSTABLE SELF-LOCKING GRIP PLIERS

WX3350

Adjustable self-locking pliers PREMIUM QUALITY with adjustable deep drawn chrome-vanadium steel jaws, chrome-satin finish.

- Forged chrome-vanadium steel toothed jaws
- Articulated lever for high clamping forces
- Adjustable pressure closure with rear screw



CODE	Price List	HT	L mm	Max opening mm
F0625180	21,72	13,00	180	38
F0625240	23,80	14,00	240	48
F0625300	40,94	25,00	300	65



UNIVERSAL PIPE CUTTERS

Small Hydraulic-Line pipe cutters suitable for use in hard-to-reach areas, suitable for cutting pipes in stainless steel, copper, aluminium, brass and PVC.



CODE	Price List	HT	Opening inches	Opening mm	Cutting depth max. mm
F351130	34,50	20,90	1/8" - 1-1/8"	3 - 30	2.5



UNIVERSAL PIPE CUTTERS

Ergonomic and compact Hydraulic-Line pipe cutters suitable for cutting pipes in stainless steel, copper, aluminium, brass and PVC.



CODE	Price List	HT	Opening inches	Opening mm	Cutting depth max. mm
F352135	56,00	37,20	1/8" - 1-3/8"	3 - 35	2.5



SECTOR BLADE CUTTER

Cutter with 9 mm sector blade, thin, ergonomic handle made of acid-resistant plastic and steel blade-guide.

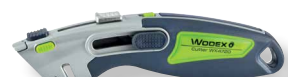


CODE	Price List	HT	Dimensions mm	Segment blade mm	Weight g
F366109	3,60	2,60	153 x 30 x 16	80 x 9 x 0.4	34



MULTIFUNCTIONAL CUTTERS WITH TRAPEZOID BLADE

Multifunctional Safety cutters with PREMIUM QUALITY trapezium blades 60x19 mm, robust and resistant. Zinc alloy body.



CODE	Price List	HT	Dimensions mm	Trapezoid blade mm	Weight g
F374560	49,60	8,50	174 x 46 x 26	60 x 19 x 0.6	208



REVERSIBLE AIR RATCHET WRENCHES



Air ratchet wrenches with 1/2" coupling and proven reliability, the 107XPA with an advanced head design is one of the world's best selling wrenches. Maximum torque of 73 Nm and a 360°, adjustable exhaust directs air away from the operator, speed regulator lever. Power supply: Lubricated compressed air - Recommended pressure 6.3 Bar

CODE	Price List	HT	Square coupling	Torque range Nm
L007212	244,00	165,00	1/2"	14 - 61



ROTO-ORBITAL PNEUMATIC SANDERS



Reduced vibration model designed for extracting dust via suction, produces a very high quality finish and connects to central or portable vacuum systems. The 4151-HL sander removes dust and particles through and around the pad, keeping it away from the motor and work area. Can be used with 6-hole Velcro discs. Power supply: Lubricated compressed air - Recommended pressure 6.3 Bar

CODE	Price List	HT	Pad Ø mm	Orbit Ø mm
L1551150	260,00	219,00	150	5

NEW

AIR IMPACT WRENCHES



The tools of 2146QMax series are the most powerful pneumatic impact wrenches in its class, these tools have an innovative built-in pressure gauge that ensures optimized airflow and pressure, the Twin Hammer impact mass and cold forged motor offer more torque, durability and efficiency, while the innovative pressure gauge improves productivity and prolongs tool life, the silenced technology reduces noise while preserving the operator's hearing.

CODE	Price List	HT	Square Drive	Torque range Nm
L005734	907,00	699,00	3/4"	1970

AIR IMPACT WRENCHES



The Ingersoll Rand 2136QXPA Silent Impact Wrenches combines power that exceeds need with an incredible level of comfort, whether you are dealing with industrial repairs or automotive maintenance, it provides all the power needed to complete the most critical tasks, while protecting the operator's hearing, reducing fatigue.

CODE	Price List	HT	Tool coupling	Torque range Nm
L004712	290,00	229,00	1/2"	949

PNEUMATIC DIE GRINDERS



Versatile and economic Smart Line pneumatic die grinders, suitable for deburring welds, grinding and polishing. Front air discharge, safety lever actuated, compliant with EN 792. Power supply: Lubricated compressed air - Recommended pressure 6.3 Bar

CODE	Price List	HT	Collet Ø mm	Power Kw
L129506	104,00	75,00	6	0,19

PNEUMATIC DIE GRINDERS



Pneumatic grinders MAX series are economical, durable, compact, lightweight and easy to handle. Fitted with ball bearings for greater reliability. Designed to function without lubricants so as not to contaminate the work area. Improved handle design with a low profile control lever for prolonged operation without fatigue.

CODE	Price List	HT	Collet Ø mm	Power Kw
L130106	191,00	149,00	6	0,3

LED TORCHES

High performance LED torches suitable for lighting workstations and general inspection work. The body is covered with shock-resistant rubber (1.5 metres impact resistant) and is also resistant to splashing water (IPX-4 protection). Includes a swivel hook, an adjustable magnetic base up to 180°, a 3.7 Volt 2200 mAh Li-ion battery and a battery charger with USB socket.



TOP SMD LIGHT
LED 45 Lm
Max. autonomy 13 hours



MAIN LIGHT
COB LED LOW 70 Lm
Max. autonomy 10 hours



MAIN LIGHT
COB LED HIGH 240 Lm
Max. autonomy 3 hours



CODE	Price List	HT	Light output Lm	Beam distance m	Dimensions a x b x L mm	Weight g
N708101	59,99	29,50	45 - 70 - 240	10 - 20 - 24	52 x 30 x 164	197

LED TORCHES

WX6610

High performance extra compact LED torches with adjustable head and magnet for positioning on metal walls, impact resistant aluminium body with pocket clip. IK07 impact resistant, IPX4 water splash protection. Adjustable light beam as follows: High 150 Lm - Low 60 Lm - Strobe 150 Lm - SOS 150 Lm
Operating time: 60 Lm 8 hours - 150 Lm 2.5 hours



CODE	Price List	HT	Light output Lm	Beam distance m
N706901	27,50	17,50	60 - 150	50



AIR-WATER HOSE REEL SAFETY SPEED CONTROL

Hose reel with automatic device for controlled rewinding of the SAFETY SPEED CONTROL hose stop system at the desired length. The Raasm winders are suitable for use with air, water and non-corrosive detergents, at a maximum pressure of 20 Bar and fluid temperature up to 40 ° C. Made of shockproof plastic material with adjustable steel bracket for wall mounting and polyurethane pipe.



CODE	Price List	HT	Pipe dimension mm	Pipe length m	Inlet connection BSP	Outlet connection BSP	Dimension mm
L51310814	236,26	180,00	8 x 12	14	1/4" M	3/8" M	387 x 331 x 178
L51311009	236,17	179,00	10 x 14,5	9	3/8" M	3/8" M	387 x 331 x 178



MICRO GRINDER EMAX EVOLUTION

Suitable for deburring polishing and engraving. The ideal tool for mould makers. Equipped with a large digital display. Memory speed function. Two micromotors can be mounted and managed independently and simultaneously. The standard micro motor can be adjusted from 1,000 to 40,000 rpm and can be used with many types of attachments according to the needs of the user.

Composition:

- Controller NE249 230
- Power supply cord
- Motor ENK-410S
- Attachment IR-310
- Collet 2.35 mm
- Collet 3.00 mm
- Handpiece stand
- Maintenance tools



CODE	Price List	HT	Power supply V / Hz	Dimensions mm	Weight kg
G9430100	2.463,76	1.550,00	230 / 50-60	130 x 524 x 97	2,3



MICRO GRINDER ESPERT 500

Suitable for all situations where high torque is required at a high RPM. Equipped with a large digital display. Memory speed function. Two micromotors can be mounted and managed independently and simultaneously. The high torque motor can be adjusted from 1,000 to 50,000 rpm and can be used with many types of attachment according to the needs of the user.

Composition

- Controller NE249
- Power supply cord
- Motor ENK-50T-HR
- Attachment EHR-500
- Collet 2.35 mm
- Collet 3.00 mm
- Handpiece stand
- Maintenance tools



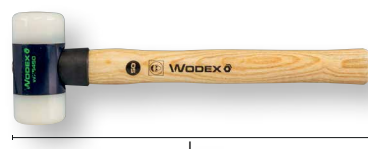
CODE	Price List	HT	Power supply V / Hz	Dimensions mm	Weight Kg
G9450100	3.449,47	2.150,00	230 / 50-60	172 x 230 x 94	2,6



Bolt cutters PREMIUM QUALITY with forged chrome-vanadium steel blades, induction hardened.

- Surface hardness of cutting edges 62 HRC
- Cutting force up to 48 HRC - recommended up to 40 HRC
- Simple and precise adjustment of the blades via the eccentric screws

CODE	Price List	HT	L mm	19 HRC Ø max mm
F23050460	99,55	58,00	460	8
F23050620	119,59	73,00	620	9
F23050780	174,64	109,00	780	11



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

CODE	Price List	HT	Ø head mm	Handle mm
F533122	45,84	10,50	22	260
F533128	47,87	11,30	28	280
F533135	20,70	13,70	35	305
F533142	26,59	16,90	42	310
F533150	36,59	23,60	50	345
F533160	51,59	34,20	60	380

Pin punches PREMIUM QUALITY in hardened tool steel. The specially treated head prevents chipping and complies with DIN 7255. The precise chrome plating ensures high protection against corrosion. Octagonal painted handle.

CODE	Price List	HT	Pieces
F452206	36,58	22,00	6



Set of 6 needle files in plastic pouch. High carbon steel. Excellent dimensional accuracy, uniform tooth distribution and depth.

Contents: 1 flat parallel file, 1 half round, 1 triangular, 1 square, 1 round, 1 flat-head shaped file.



CODE	Price List	HT	Length mm
G8568160T0	69,97	45,00	160
G8568160T1	69,97	45,00	160
G8568160T2	69,97	45,00	160

Set of 5 engineer's files with thermoplastic resin handle in roll-up fabric bag.



CODE	Price List	HT	mm	Cut
G832605	80,99	52,00	200	2-MD



FLAT CUTTING DISCS FOR NON-FERROUS MATERIALS

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

P	M	K	N	S	H
			●	●	

CODE	Price List	HT	Ø mm	Specification
G031411510	3,26	2,28	115 x 1,0 x 22,23	A60N-BFP
G031411516	3,26	2,28	115 x 1,6 x 22,23	A46N-BFP
G031412510	3,67	2,57	125 x 1,0 x 22,23	A60N-BFP
G031412516	3,67	2,57	125 x 1,6 x 22,23	A46N-BFP

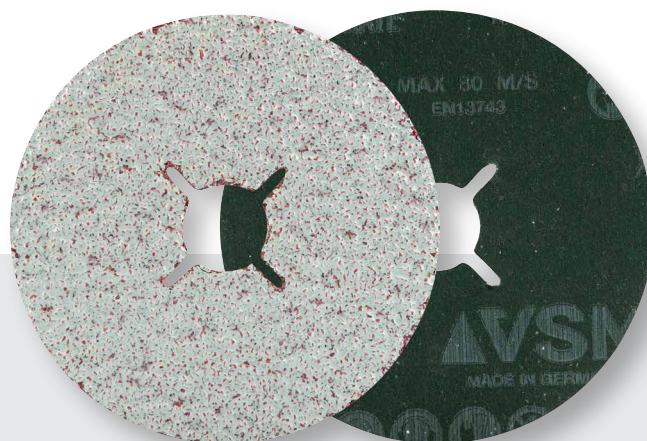


FIBER DISCS STEARATE CERAMIC

Ceramic fiber discs with stearate. Ideal for processing aluminum and its alloys. Thanks to the lubricating property of zinc stearate is solves many of the problems associated with the processing of material with low melting points.

P	M	K	N	S	H
○	●	●	●		

CODE	Price List	HT	Ø mm	Grit
G2123115036	2,35	1,53	115	36
G2123115060	4,56	1,01	115	60
G2123125036	2,69	1,68	125	36
G2123125060	4,73	1,13	125	60





NEW

ELECTRO-VENTILATED MASKS

Electro-ventilated respiratory and eye protection system. Portability makes it ideal in a variety of operating situations. Great comfort in welding and grinding operations. Equipped with a battery with a capacity of up to 8 hours continuous. In indoor environments it can be combined with a central vacuum system. 3-speed fan system with digital regulation and quick filter replacement. Self-darkening mask with 4 sensors.



CODE	Price List	HT	Filter type	Filter efficiency level	Battery	Filter unit size mm	Filter unit weight kg
J866010	999,00	750,00	TH3 P R SL	99.99% = 0.3 µm	Rechargeable LI-ION 4400 mAh	240 x 165 x 70	1,1



CLEAN GO WELDING FUMES ASPIRATORS

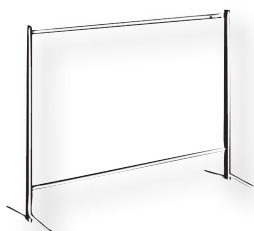
These welding fumes aspirators are distinguished by high quiet operation and stability due to pivoting wheels with brakes. Economical but extremely efficient solution for problems of suction, filtration and deodorization of welding fumes. Maintenance limited to cartridge replacement.



CODE	Price List	HT	Power supply V - Hz	Power kW	Brake capacity m³/h	Medium filter IFA/BGIA	Filter efficiency	Noise level dB(A)	Dimension mm	Weight kg
N6055ASP	2.199,00	1.799,00	400 - 50	1,1	1400	M CEL	99%	72	* 756 x 702 x 916H	89

WELDING BLIND FRAME STRUCTURE

Fixed frame for welding blinds. Suitable for blinds from the J8730 range



PROTECTIVE BLINDS FOR WELDING

One-piece welding protection blinds. Equipped with heat-sealed rings at the top. Hooks included.



CODE	Price List	HT	Dimension mm
J87102000	299,40	142,00	2000 x 1600 - H.tot 1900

CODE	Price List	HT	Dimension mm	Colour
J87302000R	156,13	110,00	2000 x 1600 x 0,4	RED DIN 4
J87302000V	156,13	110,00	2000 x 1600 x 0,4	GREEN DIN 9





CORDLESS IMPACT WRENCHES

€ 399 , 00

N404112

KIT EQUIPMENT:
2 x M12 HB5 Battery Pack,
1 Charger,
1 HeavyDuty Case



**FREE
THIRD
BATTERY
N404212**

Most powerful in its class Compact and lightweight
4 DRIVE CONTROL modes for changing speeds.
3 LEDs on the front illuminate the work area.
FUEL™ technology redefines cordless power tools.
Brushless motor, REDLINK PLUS™ electronics and REDLITHIUM™ battery pack offer superior performance and durability
Works with all MILWAUKEE® M12™ battery packs.

CODE	N404112
No-load speed Revolution/min	0-930/ 0-2100/ 0-3000/ 0-1300
Impact rate Strokes/min.	0-1500 / 0-3000 / 0-3300 / -
Coupling	1/2" quadro
Torque max Nm	271 / 406 / 542 / 20
Peso con il pacco batteria kg	1.5 (M12 HB5)

The new 5.0 Ah M12™ HIGH OUTPUT™ batteries provide up to 25 percent more power than the REDLITHIUM™ M12 4.0 Ah batteries. Can be used even in extreme temperatures as low as -20°C without compromising range or life. Protection against overcharging and excessive battery discharge. Cell welding integrated to the chassis. Material more resistant against oils, greases, solvents and prevents tool breakage under severe conditions.

CODE	N404212
Battery capacity Ah	5.0
Tempo di ricarica Caricabatterie C12 C	110 min
Tempo di ricarica Caricabatterie M12 C4	110 min
Tempo di ricarica Caricabatterie M12-18 C	110 min
Tempo di ricarica Caricatore M12-18 FC	75 min



REVERSIBLE IMPACT DRILLS

Percussion drills GSB 13 RE extremely easy to handle and only 1,8 Kg heavy.
Softgrip for a safer grip and more comfortable, robust, self-locking chuck with two metal bushes for a quick tool change. Preselection of the speed with adjustment wheel, clock-wise and anti-clock wise.

CODE	N4111600P/1
Power W	600
No-load speed Rpm	0 - 2800
Impact frequency at no-load/min.	0 - 44800
Threaded shaft coupling	1/2 UNF
Chuck mm	13
Ø Max. drilling - Concrete mm	13
Ø Max. drilling - Masonry mm	15
Ø Max. drilling - Steel mm	10
Ø Max. drilling - Wood mm	25
Weight kg	1,8



€ 69 , 00

N4111600P/1



HAND-WASH LIQUID



DETGREEN HANDISOAP is a pH neutral liquid detergent, whose mild and effective formulation allows frequent use without altering the hydrolipidic balance of the skin. Formulated using vegetable surfactants from renewable sources. Suitable for hands and body, ideal for office use and light soiling.

CODE	Price List	HT	Package	Quantity L
J541510	32,39	17,77	Refill	10
J5415500	4,70	2,70	Small container with dispenser	0,5



HAND-WASH PASTE



DETGREEN PASTE is a sand-free ecological handwash paste that contains natural surfactants and soaps. A natural wood flour based abrasive produced from renewable sources. Ideal for removing stubborn and ingrained dirt.

CODE	Price List	HT	Package	Quantity L
J52401	3,39	1,82	Tub	1
J52405	7,99	5,90	Bucket	5



HAND-WASH CREAM



DETGREEN HANDYCREAM WHITE is a creamy solvent-free detergent. It contains a mineral abrasive (calcium carbonate) and vegetable surfactants. Creamy, mild and pH neutral. Suitable for frequent washing.

CODE	Price List	HT	Package	Quantity L
J52263	24,60	13,53	Small container with dispenser	3
J52265	32,60	17,93	Small container with dispenser	5
J5226B3	48,60	10,23	Refill sachet for HANDYCREAM WHITE dispenser	3



HAND-WASH GEL

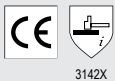


DETGREEN HANDYGEL ORANGE is a solvent-free handwash gel, with a softer mineral abrasive (calcium carbonate), with aloe and vegetable surfactants. Very effective for removing industrial dirt without harming the skin.

CODE	Price List	HT	Package	Quantity L
J52213	25,30	15,00	Small container with dispenser	3
J5221B3	49,20	13,00	Refill sachet for HANDYGEL ORANGE dispenser	3

WODEX

TOP LINE COW GRAIN LEATHER GLOVES



3142X

CODE	Price List	HT 12 pcs	HT 120 pcs	HT 360 pcs	Size	EU size
K210208	3,99	2,80	2,00	1,60	L	8
K210209	3,99	2,80	2,00	1,60	XL	9
K210210	3,99	2,80	2,00	1,60	XXL	10
K210211	3,99	2,80	2,00	1,60	XXXL	11

Ansell

GLOVES COATED IN NBR ACTIVARMR® HYCRON®

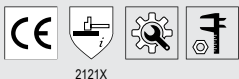


4121B

CODE	Price List	HT 1 pcs	HT 120 pcs	Size	EU size
K221709	6,69	4,40	2,50	XL	9
K221710	6,69	4,40	2,50	XXL	10

WODEX

POLYESTER GLOVES POLYURETHANE COATED

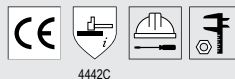


2121X

CODE	Price List	HT 12 pcs	HT 120 pcs	HT 360 pcs	Size	Eu size
K231806	4,79	1,10	0,70	0,55	S	6
K231807	4,79	1,10	0,70	0,55	M	7
K231808	4,79	1,10	0,70	0,55	L	8
K231809	4,79	1,10	0,70	0,55	XL	9
K231810	4,79	1,10	0,70	0,55	XXL	10

WRK

POLYURETHANE CUT RESISTANT GLOVES - C CUT



4442C

CODE	Price List	HT 12 pcs	HT 120 pcs	HT 360 pcs	Size	EU size
K234607	6,29	3,90	2,85	2,50	7	M
K234609	6,29	3,90	2,85	2,50	9	XL
K234610	6,29	3,90	2,85	2,50	10	XXL

DISPOSABLE GLOVES IN EMBOSSED NITRILE



JKLOPT

VIRUS

CODE	Price List	HT 1 pcs	Size	EU size
K25138	45,00	7,50	M	8
K25139	45,00	7,50	L	9
K251310	45,00	7,50	XL	10

WRK

DISPOSABLE NITRILE GLOVES



EN 374-1

CODE	Price List	HT 10 pcs	HT 50 pcs	Size	EU Size
K251607	9,59	5,50	4,50	S	7
K251609	9,59	5,50	4,50	L	9
K251610	9,59	5,50	4,50	XL	10



SAFETY SHOES

POINT

€ 70,00

K1812



SAFETY SHOES

FRANK

€ 66,00

K1814



SAFETY SHOES

NEGAN

€ 79,00

K1811



SAFETY SHOES

NAIROBI

€ 52,00

K1815



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



Contact heat resistance



Non-slip tread



Breathable leather upper



Non-slip tread for ceramic+glycerin



Anti-puncture plate

K1812	K1814	K1811	K1815	EU size	UK size
K181235	K181435	K181135	K181535	35	2
K181236	K181436	K181136	K181536	36	3
K181237	K181437	K181137	K181537	37	4
K181238	K181438	K181138	K181538	38	5
K181239	K181439	K181139	K181539	39	6
K181240	K181440	K181140	K181540	40	6 1/2
K181241	K181441	K181141	K181541	41	7
K181242	K181442	K181142	K181542	42	8
K181243	K181443	K181143	K181543	43	9
K181244	K181444	K181144	K181544	44	10
K181245	K181445	K181145	K181545	45	10 1/2
K181246	K181446	K181146	K181546	46	11
K181247	K181447	K181147	K181547	47	12
K181248	K181448	K181148		48	13

ONE PIECE DISPOSABLE OVERALLS WITH HOOD TYPE 5 AND 6

Disposable overalls with white hood in highly breathable microporous fabric, good protection against the penetration of particle dust and aerosols, elasticated ankles, waist, wrist and hood for a better fit and quilted seams to prevent particle penetration. Thumb ring to keep sleeves in place and zip covered by adhesive flap for added protection. Weight 65 g. 3-piece elasticated hood and elasticated waist. Recommended environments: spray painting, chemical industry, asbestos removal, clean room, pharmaceutical industries, agriculture. CAT. 3



CODE	Price List	HT 10 pcs	HT 100 pcs	HT 300 pcs	Size
K3204L	6,50	4,35	3,00	2,70	L
K3204M	6,50	4,35	3,00	2,70	M
K3204XL	6,50	4,35	3,00	2,70	XL
K3204XXL	6,50	4,35	3,00	2,70	XXL



POLYCARBONATE PROTECTIVE EYEWEAR PITON



CODE	Price List	HT	Filter	Gradation	Optical Class Optical class
K4226100	3,40	1,70	2C - UV filter	1.2 - Clear lens	Class 1



PROTECTIVE EYEWEAR WITH ELASTIC BAND PACAYA CLEAR STRAP



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



DISPOSABLE EARPLUGS 1100



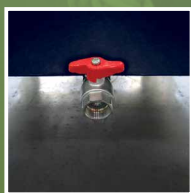
CODE	Price List	HT	Frequency Hz	Attenuation dB
K4320200	0,27	0,15	H - M - L - SNR	37 - 34 - 31 - 35

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	4.339,00	700,00	It - 280	600	80	970 x 750 x 890	700	790	25.1	lateral
P4511300	4.493,50	765,00	It - 300	600	102	1350 x 820 x 650	490	520	63.5	frontal
P4511500	4.648,00	810,00	It - 500	1000	130	1350 x 920 x 910	700	740	57.6	front
P4511750	4.754,00	860,00	It - 750	1350	152	1350 x 1070 x 1040	825	800	49.6	frontal
P45111000	4.957,00	950,00	It - 1000	1700	181	1550 x 1070 x 1210	970	920	54	frontal

INDUSTRIAL ASPIRATORS STORM 3600

Single-phase, mobile, versatile and compact industrial vacuum cleaner.
Reliability and power at the top of its category.

Features:

- 3 independent By-Pass motors
- Cyclone with tangential material inlet
- Voltage and filter clogging indicator light
- Compensation valve
- Suction nozzle ø 80 mm with reduction terminal quick release for ø 50 mm tube
- Quick-release wheeled container for suctioned material

Standard equipment:

- 1 M-class polyester filter cod. N004520
- 1 Reducing terminal ø 80/50 mm cod. N00267050
- 1 PUR hose ø 50 x 3 m cod. N00285003
- 2 Rubber bore ø 50 mm cod. N002750
- 1 Conical oil-resistant lance code N003550



CODE	Price List	HT	Tank capacity L	Power supply V - Hz	Power Kw - HP	Max. depression mBar	Air capacity max L/min	Medium filter IFA/BGIA	Sound level dB(A)	Dimension mm	Weight kg
N6015100	2.432,95	1.899,00	100	230 - 50/60	3.6 - 4.5	250	9000	M	72	820 x 650 x 1640h	71

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	369,00	185,00	1028 x 615 x 846	300	35

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
P701401	42,00	5,50	90 x 90 x 120	0,97	1000	Closed bottom	-

* Minimum order quantity 10 pieces

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	332,56	175,00	588 x 413 x 345	24 ISO-SK 40	RAL 5012
P1049A02	332,56	175,00	588 x 413 x 345	24 ISO-SK 40	RAL 7035

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	306,75	215,00	1000 x 400 x 2000	5 x 160 Kg	Universal shelving	2800
P6308A00	224,65	160,00	1000 x 400 x 2000	5 x 160 Kg	Additional bay	2800

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	772,00	500,00	1000 x 500 x 1950h	4 x 60kg	RAL 5012	500
P3053B02	772,00	500,00	1000 x 500 x 1950h	4 x 60kg	RAL 7035	500





SAFETY CABINETS FOR PAINTS AND SOLVENTS

Two-door safety cabinets with hinged closure, suitable for storing containers for flammable or oxidising liquid substances.



CODE	Price List	HT	Shelves	Dimension mm
P31812	615,00	530,00	3	1023 x 555 x 2000

iMilani

DOUBLE-SIDED TROLLEYS WITH WOLF-MOUTH CONTAINERS

Container trolleys equipped with 2 fixed non-marking synthetic rubber wheels Ø 125 mm and 2 swivel wheels with brakes, non-marking synthetic rubber wheels Ø 125 mm



CODE	Price List	HT	Dimension mm	With Containers
P41131	700,00	670,00	1067 x 668 x 1357 h	Yes

CLOTHES LOCKERS DIRTY/ CLEAN

The changing room provides an upper shelf, equipped with two "S" hooks for hanging clothes. Equipped with "dirty/clean" divider. To ensure maximum safety, there are internal anti-cut folds.



CODE	Price List	HT	Places	Dimension mm
P33111	205,00	130,00	1	420 x 500 x 1800
P33112	344,00	215,00	2	810 x 500 x 1800
P33113	431,00	300,00	3	1200 x 500 x 1800

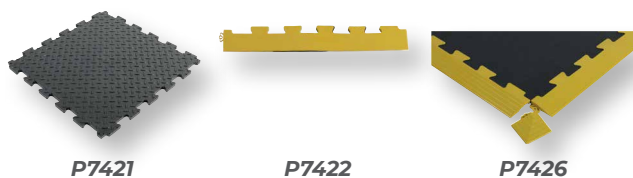
iMilani

COMPACT CONTAINERS

Plastic containers, high impact resistance, sturdy edge allowing stacking, label holder frame.



MODULAR PADS WITH RICE GRAIN FINISH



CODE	Price List	HT	Dimension mm	Thickness mm
P7421ULT	49,42	13,00	520 x 520	14
P7422ULTG	20,40	15,50	520 x 60	0,24
P7426AG	8,93	7,50	60 x 60	0,025

CODE	HT	Size	Dimensions mm
P43101B	1,14	1	95 x 160 x 75 h
P43101G	1,14	1	95 x 160 x 75 h
P43101N	1,14	1	95 x 160 x 75 h
P43101R	1,14	1	95 x 160 x 75 h
P43102B	2,22	2	140 x 230 x 130 h
P43102G	2,22	2	140 x 230 x 130 h
P43102N	2,22	2	140 x 230 x 130 h
P43102R	2,22	2	140 x 230 x 130 h
P43103A2B	5,30	3A2	200 x 350 x 145 h
P43103A2G	5,30	3A2	200 x 350 x 145 h
P43103A2N	5,30	3A2	200 x 350 x 145 h
P43103A2R	5,30	3A2	200 x 350 x 145 h
P43103B	6,26	3	200 x 350 x 200 h
P43103G	6,26	3	200 x 350 x 200 h
P43103N	6,26	3	200 x 350 x 200 h
P43103R	6,26	3	200 x 350 x 200 h
P43104B	12,23	4	300 x 500 x 200 h
P43104G	12,23	4	300 x 500 x 200 h
P43104N	12,23	4	300 x 500 x 200 h
P43104R	12,23	4	300 x 500 x 200 h

HANDLING





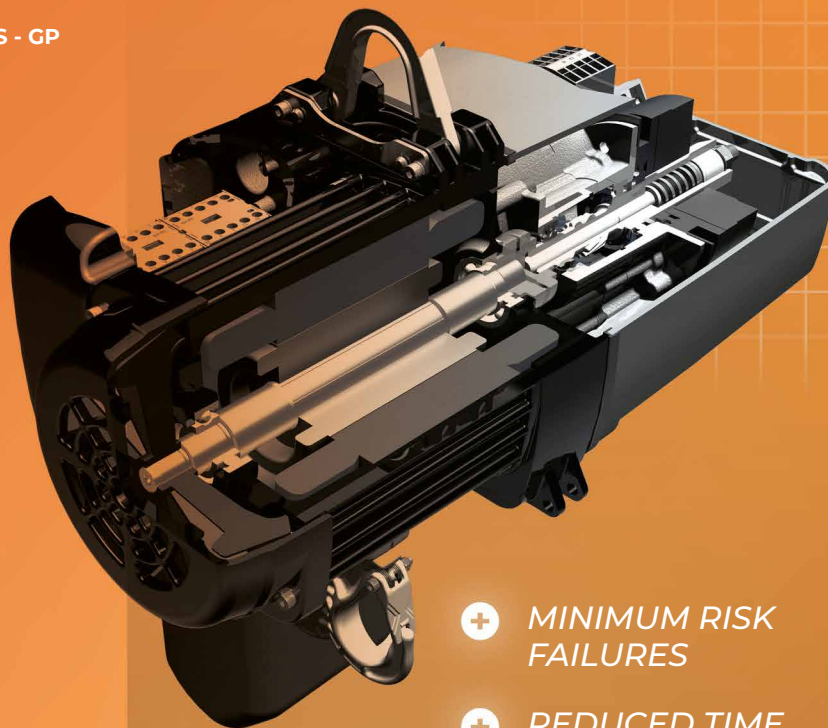
ELECTRIC CHAIN HOISTS - GP

No electronics
sensitive

Couplings
shaft-hub
polygonal

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



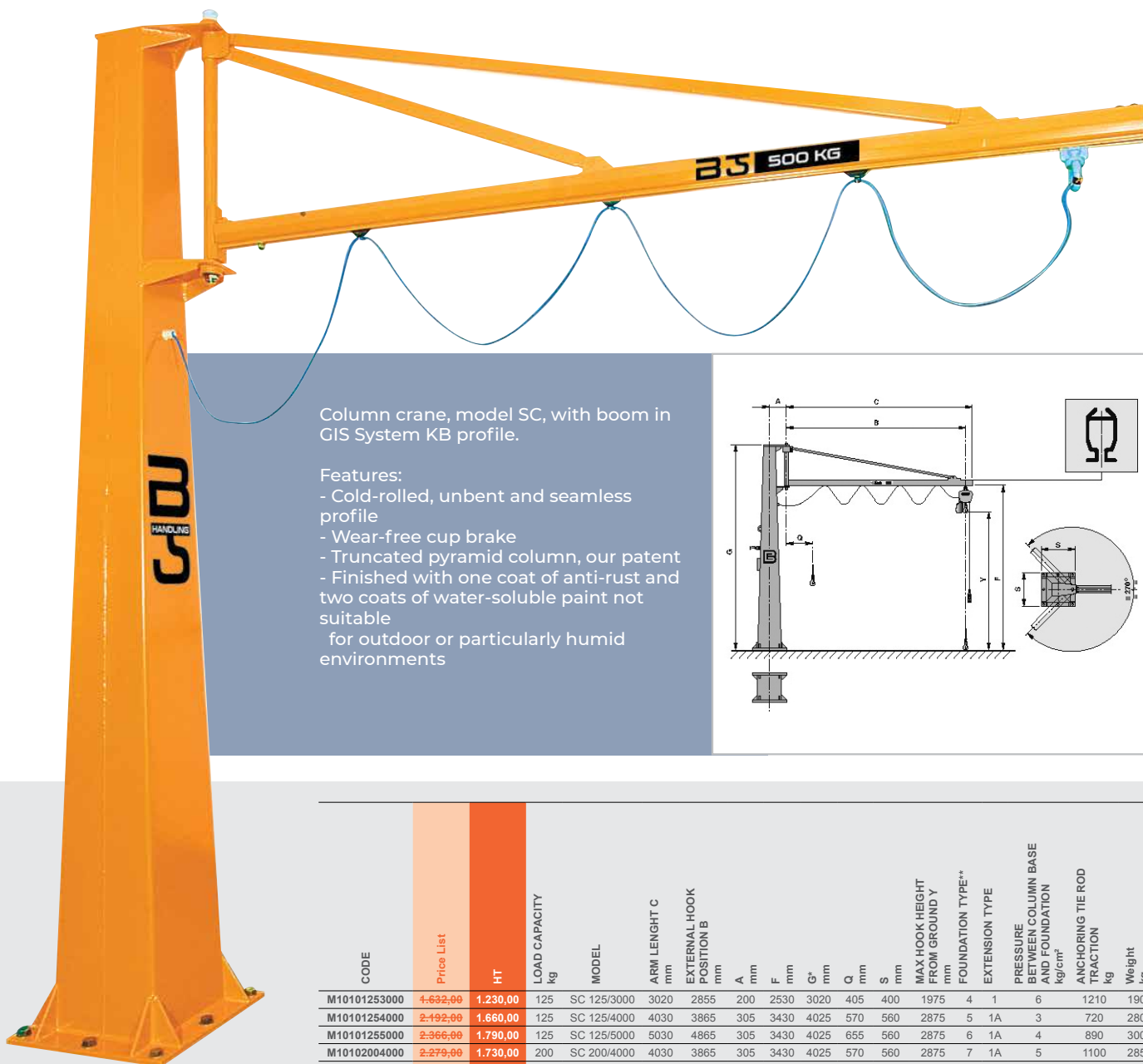
ELECTRIC CHAIN HOISTS - GP

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	2.369,00	1.750,00	125	GP250/1NF	4m (M7)	8/2	1	3	0,72 / 0,18	2,8 / 1,7	24
M00052001NF2	2.369,00	1.750,00	200	GP250/1NF	3m (M6)	8/2	1	3	0,72 / 0,18	2,8 / 1,7	24
M00052501NF2	2.369,00	1.750,00	250	GP250/1NF	2m (M5)	8/2	1	3	0,72 / 0,18	2,8 / 1,7	24
M00055002NF	2.440,00	1.880,00	500	GP250/2NF	2m (M5)	4/1	2	3	0,72 / 0,18	2,8 / 1,7	25
M000510002NF	2.704,78	2.030,00	1000	GP500/2NF	2m (M5)	4/1	2	3	0,72 / 0,18	2,8 / 1,7	28
M000516002NF	3.856,32	2.950,00	1600	GP1000/2NF	3m (M6)	4/1	2	3	2,3 / 0,68	5,7 / 4,1	66
M000520002NF	3.856,32	2.950,00	2000	GP1000/2NF	2m (M5)	4/1	2	3	2,3 / 0,68	5,7 / 4,1	66



FREE

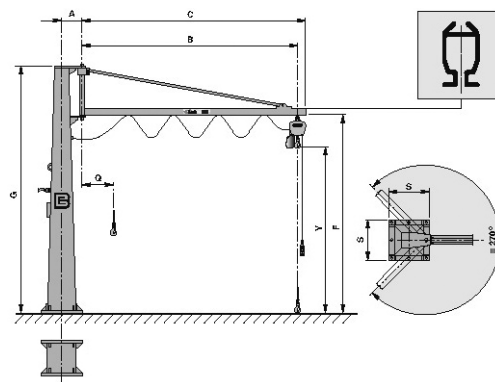
FOR FREE with the hoist
M0990DT - Card for cycle counter
device for GP - GCH hoists



Column crane, model SC, with boom in GIS System KB profile.

Features:

- Cold-rolled, unbent and seamless profile
- Wear-free cup brake
- Truncated pyramid column, our patent
- Finished with one coat of anti-rust and two coats of water-soluble paint not suitable for outdoor or particularly humid environments



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	2.862,00	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	5.281,00	4.000,00	500	SC 500/6000	6045	5840	320	3445	4320	730	620	2845	14	2	14	2290	550
M101010004000	6.225,00	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

FOR FREE
1270078
Crane capacity sign 300 x 200

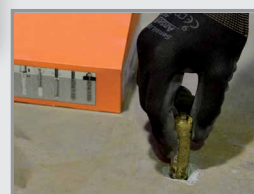
B·HANDLING GIS

LATHE AND MACHINING CENTER KIT

M10102005000 - GIS SYSTEM KB profile boom crane.
M00052001NF - GP electric chain hoists
M8020250 - Magnetic hoists
M1230KIT1 - Anchorage kit
M0990DT - Cycle counter for hoists

€ **3899**,⁰⁰

1301567



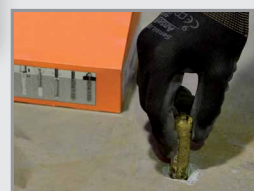
B·HANDLING GIS

BAND SAW KIT

M125005005000 - Round column jib crane
M00055002NF - GP electric chain hoists
M7320 - Lifting belts
M1230KIT5 - Anchorage kits
M0990DT - Cycle counter for hoists

€ **5199**,⁰⁰

1301568



B·HANDLING GIS

MEDIUM-LIGHT CARPENTRY KIT

M125005005000 - Round column jib crane
M00055002NF - GP electric chain hoists
M70201000 - Vertical lifting tongs
M1230KIT5 - Anchorage kit
M0990DT - Cycle counter for hoists

€ **5699**,⁰⁰

1301570



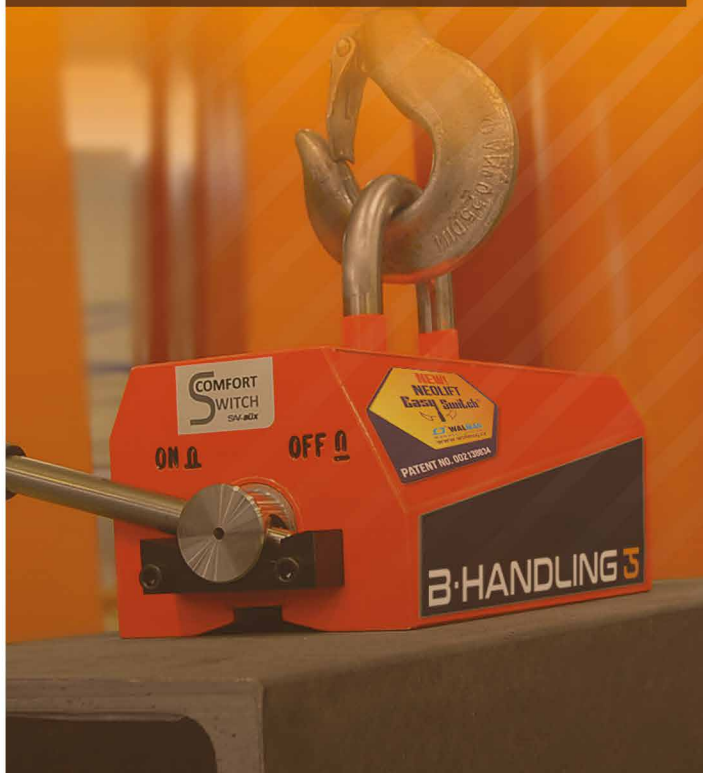
B·HANDLING 3



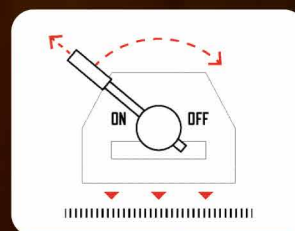
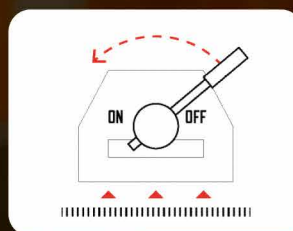
LIFTING MAGNETS - NEO

They use neodymium, a material with three times the power of ferromagnet

- The V-shaped magnetic plate makes them suitable for handling both flat workpieces (plates and bars, including narrow profile) and rounded shapes (tubes and round bars)
- Stop block treated with manganese phosphate coating
- Three times the nominal lifting head capacity
- The lever that operates the permanent magnet has a safety device that prevents incorrect or accidental disconnection



HOW IT WORKS



B·HANDLING 3

LIFTING MAGNETS - NEO

CODE	Price List	HT	Model	Lifting pow. plate surf. kg	Lifting pow. round surf. kg	Ø min sollevabile mm	Ø max sollevabile mm	Eyebolt height mm	Length x width mm	Weight kg
M8020125	595,00	321,00	NEO 125	125	40	50	100	110	93 x 60	3
M8020250	748,00	448,00	NEO 250	250	125	60	200	164	152 x 100	10
M8020500	1.146,00	669,00	NEO 500	500	250	65	270	164	246 x 120	20
M80201000	2.336,00	1.240,00	NEO 1000	1000	500	100	300	216	305 x 140	40
M80202000	4.000,00	2.390,00	NEO 2000	2000	1000	150	350	251	480 x 165	90



A+B

Industrial Tools Company

