

HIGHLIGHT TECHNOLOGY

// PRECISION TOOLING

// METROLOGY

// METALWORKING LUBRICANTS

// MRO

// HANDLING SYSTEM



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Link is part of a bigger family
A+B Group.



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



We are able to supply any kind of tool
and product 3 meters around the
machine tool.
Our product technology level is
designed to reduce processing
times, increase productivity 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,...).

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LUBRICANTS



28

MRO



04

PRECISION
TOOLING



*in 3 m
everything*



44

HANDLING



18

METROLOGY

eters

you need

PRECISION TOOLING



KERFOLG HD

DRILLS REINFORCED SHANK

The Kerfolg HD range aims at guarantee a high productivity in processing long- and short-chip materials, such as structural and hardening steel, cast iron steel, heat-treatable steel and steel alloyed with $R \leq 1200 \text{ N/mm}^2$, and also carbon steel and cast iron.

REINFORCED SHANK

The reinforced shank allows a greater toughness for transferring the cutting force.

ADVANCED FLUTE DESIGN

Its advanced flute design allows working with performances on a wide range of materials, facilitating the chip evacuation.

LUBRICATION HOLES

The helicoidal form of the lubrication holes allows to increase the performance of the coolant adduction, in order to control better the temperature in the cutting zone.

SPLIT POINT

The split point increases the chip evacuation breaking it into pieces, keeping the cutting zone free of bodies that may lower bore finishing and drill integrity.

80%
OF MATERIALS

LESS POWER REQUIRED

BETTER TOOL LIFE

REDUCTION IN MACHINE DOWN TIMES

UNIVERSAL TOOL

DRILLS REINFORCED SHANK 3XD COOLANT HOLES



SPECS



MATERIALS



CODE	L21	HT	D mm	d mm	I mm	L mm	I1 mm
A00203	50,99	30,00	3,00	6	20	62	14
A00203,1	50,99	30,00	3,10	6	20	62	14
A00203,2	50,99	30,00	3,20	6	20	62	14
A00203,3	50,99	30,00	3,30	6	20	62	14
A00203,4	50,99	30,00	3,40	6	20	62	14
A00203,5	50,99	30,00	3,50	6	20	62	14
A00203,7	50,99	30,00	3,70	6	20	62	14
A00203,8	50,99	30,00	3,80	6	20	66	17
A00203,9	50,99	30,00	3,90	6	24	66	17
A00204	52,29	31,50	4,00	6	24	66	17
A00204,1	54,08	31,50	4,10	6	24	66	17
A00204,2	52,29	31,50	4,20	6	24	66	17
A00204,3	54,08	31,50	4,30	6	24	66	17
A00204,4	54,08	31,50	4,40	6	24	66	17
A00204,5	52,29	31,50	4,50	6	24	66	17
A00204,6	54,08	31,50	4,60	6	24	66	17
A00204,7	54,08	31,50	4,70	6	24	66	17
A00204,8	52,29	31,50	4,80	6	24	66	20
A00204,9	54,08	31,50	4,90	6	24	66	20
A00205	52,29	31,50	5,00	6	28	66	20
A00205,1	52,29	31,50	5,10	6	28	66	20
A00205,2	52,29	31,50	5,20	6	28	66	20
A00205,3	52,29	31,50	5,30	6	28	66	20
A00205,5	52,29	31,50	5,50	6	28	66	20
A00205,6	54,08	31,50	5,60	6	28	66	20
A00205,7	54,08	31,50	5,70	6	28	66	20
A00205,8	54,08	31,50	5,80	6	28	66	20

CODE	L21	HT	D mm	d mm	I mm	L mm	I1 mm
A00205,9	54,08	31,50	5,90	6	28	66	20
A00206	52,29	31,50	6,00	6	28	66	20
A00206,1	70,98	43,00	6,10	8	34	79	24
A00206,2	70,98	43,00	6,20	8	34	79	24
A00206,3	70,98	43,00	6,30	8	34	79	24
A00206,4	70,98	43,00	6,40	8	34	79	24
A00206,5	70,98	43,00	6,50	8	34	79	24
A00206,8	70,98	43,00	6,80	8	34	79	24
A00206,9	70,98	43,00	6,90	8	34	79	24
A00207	70,98	43,00	7,00	8	34	79	24
A00207,1	70,98	43,00	7,10	8	34	79	29
A00207,2	70,98	43,00	7,20	8	34	79	29
A00207,3	70,98	43,00	7,30	8	34	79	29
A00207,4	70,98	43,00	7,40	8	41	79	29
A00207,5	70,98	43,00	7,50	8	41	79	29
A00207,7	70,98	43,00	7,70	8	41	79	29
A00207,8	70,98	43,00	7,80	8	41	79	29
A00207,9	70,98	43,00	7,90	8	41	79	29
A00208	70,98	43,00	8,00	8	41	79	29
A00208,1	80,22	48,50	8,10	10	47	89	35
A00208,2	80,22	48,50	8,20	10	47	89	35
A00208,3	80,22	48,50	8,30	10	47	89	35
A00208,4	80,22	48,50	8,40	10	47	89	35
A00208,5	80,22	48,50	8,50	10	47	89	35
A00208,6	80,22	48,50	8,60	10	47	89	35
A00208,7	80,22	48,50	8,70	10	47	89	35
A00208,8	80,22	48,50	8,80	10	47	89	35

CODE	L21	HT	D mm	d mm	I mm	L mm	I1 mm
A00209	80,22	48,50	9,00	10	47	89	35
A00209,2	70,98	48,50	9,20	10	47	89	35
A00209,3	80,22	48,50	9,30	10	47	89	35
A00209,5	80,22	48,50	9,50	10	47	89	35
A00209,7	80,22	48,50	9,70	10	47	89	35
A00209,8	80,22	48,50	9,80	10	47	89	35
A002010	80,22	48,50	10,00	10	47	89	35
A002010,2	114,45	69,00	10,20	12	55	102	40
A002010,5	114,45	69,00	10,50	12	55	102	40
A002010,8	114,45	69,00	10,80	12	55	102	40
A002011	114,45	69,00	11,00	12	55	102	40
A002011,2	114,45	69,00	11,20	12	55	102	40
A002011,5	114,45	69,00	11,50	12	55	102	40
A002011,8	114,45	69,00	11,80	12	55	102	40
A002012	114,45	69,00	12,00	12	55	102	40
A002012,2	149,42	95,00	12,20	14	60	107	43
A002012,5	149,42	95,00	12,50	14	60	107	43
A002012,8	149,42	95,00	12,80	14	60	107	43
A002013	149,42	95,00	13,00	14	60	107	43
A002013,5	149,42	95,00	13,50	14	60	107	43
A002013,8	149,42	95,00	13,80	14	60	107	43
A002014	149,42	95,00	14,00	14	60	107	43
A002014,5	168,42	110,00	14,50	14	60	107	43
A002015	168,42	110,00	15,00	16	65	115	45
A002015,5	168,42	110,00	15,50	16	65	115	45
A002016	168,42	110,00	16,00	16	65	115	45

DRILLS REINFORCED SHANK 5XD COOLANT HOLES



SPECS



MATERIALS

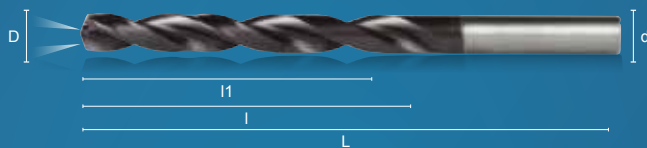


CODE	L21	HT	D mm	d mm	I mm	L mm	I1 mm
A00401	62,79	39,00	1,00	4	6	45	6
A00401,1	62,79	39,00	1,10	4	7,5	45	6
A00401,2	62,79	39,00	1,20	4	8,5	45	7
A00401,3	62,79	39,00	1,30	4	9	45	7
A00401,4	62,79	39,00	1,40	4	10	45	8
A00401,5	62,79	39,00	1,50	4	8	50	8
A00401,6	62,79	39,00	1,60	4	11	50	9
A00401,7	62,79	39,00	1,70	4	12	50	9
A00401,8	62,79	39,00	1,80	4	12,5	50	10
A00401,85	80,16	55,00	1,85	4	12,5	50	10
A00401,9	62,79	39,00	1,90	4	13,5	50	10
A00402	62,79	39,00	2,00	4	11	55	11
A00402,1	62,79	39,00	2,10	4	12	55	12
A00402,2	62,79	39,00	2,20	4	12	55	12
A00402,3	62,79	39,00	2,30	4	13	55	13
A00402,4	62,79	39,00	2,40	4	13	55	13
A00402,5	62,79	39,00	2,50	4	14	55	14
A00402,6	62,79	39,00	2,60	4	14	55	14
A00402,7	62,79	39,00	2,70	4	15	55	15
A00402,8	62,79	39,00	2,80	4	15	55	15
A00402,9	62,79	39,00	2,90	4	16	55	16
A00403	67,20	41,00	3,00	6	28	66	23
A00403,1	67,20	41,00	3,10	6	28	66	23
A00403,2	67,20	41,00	3,20	6	28	66	23
A00403,3	67,20	41,00	3,30	6	28	66	23
A00403,4	67,20	41,00	3,40	6	28	66	23
A00403,5	67,20	41,00	3,50	6	28	66	23
A00403,6	67,20	41,00	3,60	6	28	66	23
A00403,7	67,20	41,00	3,70	6	28	66	23
A00403,8	67,20	41,00	3,80	6	36	74	29
A00403,9	67,20	41,00	3,90	6	36	74	29
A00404,0	72,35	44,00	4,00	6	36	74	29
A00404,1	72,35	44,00	4,10	6	36	74	29
A00404,2	72,35	44,00	4,20	6	36	74	29
A00404,3	72,35	44,00	4,30	6	36	74	29
A00404,4	72,35	44,00	4,40	6	36	74	29
A00404,5	72,35	44,00	4,50	6	36	74	29
A00404,6	72,35	44,00	4,60	6	36	74	29
A00404,7	72,35	44,00	4,70	6	36	74	29
A00404,8	72,35	44,00	4,80	6	44	82	35
A00404,9	72,35	44,00	4,90	6	44	82	35
A00405	72,35	44,00	5,00	6	44	82	35

CODE	L21	HT	D	d	I	L	I1
			mm	mm	mm	mm	mm
A00405,1	72,35	44,00	5,10	6	44	82	35
A00405,2	72,35	44,00	5,20	6	44	82	35
A00405,3	72,35	44,00	5,30	6	44	82	35
A00405,4	72,35	44,00	5,40	6	44	82	35
A00405,5	72,35	44,00	5,50	6	44	82	35
A00405,6	72,35	44,00	5,60	6	44	82	35
A00405,7	72,35	44,00	5,70	6	44	82	35
A00405,8	72,35	44,00	5,80	6	44	82	35
A00405,9	72,35	44,00	5,90	6	44	82	35
A00406	72,35	44,00	6,00	6	44	82	35
A00406,1	79,38	48,00	6,10	8	44	82	43
A00406,2	79,38	48,00	6,20	8	44	82	43
A00406,3	79,38	48,00	6,30	8	44	82	43
A00406,4	79,38	48,00	6,40	8	44	82	43
A00406,5	79,38	48,00	6,50	8	53	91	43
A00406,6	79,38	48,00	6,60	8	53	91	43
A00406,7	79,38	48,00	6,70	8	53	91	43
A00406,8	79,38	48,00	6,80	8	53	91	43
A00406,9	79,38	48,00	6,90	8	53	91	43
A00407	79,38	48,00	7,00	8	53	91	43
A00407,1	79,38	48,00	7,10	8	53	91	43
A00407,2	79,38	48,00	7,20	8	53	91	43
A00407,3	79,38	48,00	7,30	8	53	91	43
A00407,4	79,38	48,00	7,40	8	53	91	43
A00407,5	79,38	48,00	7,50	8	53	91	43
A00407,6	79,38	48,00	7,60	8	53	91	43
A00407,7	79,38	48,00	7,70	8	53	91	43
A00407,8	79,38	48,00	7,80	8	53	91	43
A00407,9	79,38	48,00	7,90	8	53	91	43
A00408	79,38	48,00	8,00	8	53	91	43
A00408,1	91,77	55,00	8,10	10	53	91	49
A00408,2	91,77	55,00	8,20	10	53	91	49
A00408,3	91,77	55,00	8,30	10	53	91	49
A00408,4	91,77	55,00	8,40	10	53	91	49
A00408,5	91,77	55,00	8,50	10	61	103	49
A00408,6	91,77	55,00	8,60	10	61	103	49
A00408,7	91,77	55,00	8,70	10	61	103	49
A00408,8	91,77	55,00	8,80	10	61	103	49
A00408,9	91,77	55,00	8,90	10	61	103	49
A00409	91,77	55,00	9,00	10	61	103	49
A00409,1	91,77	55,00	9,10	10	61	103	49
A00409,2	91,77	55,00	9,20	10	61	103	49

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DRILLS REINFORCED SHANK 7XD COOLANT HOLES



SPECS



MATERIALS



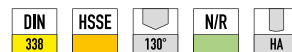
CODE	L21	HT	D mm	d mm	l mm	L mm	l1 mm
A00504	424,22	78,00	4,00	6	43	81	36
A00504,1	424,22	78,00	4,10	6	43	81	36
A00504,2	424,22	78,00	4,20	6	43	81	36
A00504,3	424,22	78,00	4,30	6	43	81	36
A00504,5	424,22	78,00	4,50	6	43	81	36
A00504,6	424,22	78,00	4,60	6	43	81	36
A00504,7	424,22	78,00	4,70	6	43	81	36
A00504,8	424,22	78,00	4,80	6	57	95	48
A00504,9	424,22	78,00	4,90	6	57	95	48
A00505	424,22	78,00	5,00	6	57	95	48
A00505,1	424,22	78,00	5,10	6	57	95	48
A00505,2	424,22	78,00	5,20	6	57	95	48
A00505,3	424,22	78,00	5,30	6	57	95	48
A00505,5	424,22	78,00	5,50	6	57	95	48
A00505,8	424,22	78,00	5,80	6	57	95	48
A00505,9	424,22	78,00	5,90	6	57	95	48
A00506	424,22	78,00	6,00	6	57	95	48
A00506,1	454,56	98,00	6,10	8	76	114	64
A00506,2	454,56	98,00	6,20	8	76	114	64
A00506,3	454,56	98,00	6,30	8	76	114	64
A00506,5	454,56	98,00	6,50	8	76	114	64
A00506,6	454,56	98,00	6,60	8	76	114	64
A00506,7	454,56	98,00	6,70	8	76	114	64
A00506,8	454,56	98,00	6,80	8	76	114	64
A00507	454,56	98,00	7,00	8	76	114	64
A00507,4	454,56	98,00	7,40	8	76	114	64
A00507,5	454,56	98,00	7,50	8	76	114	64
A00507,7	454,56	98,00	7,70	8	76	114	64
A00507,8	454,56	98,00	7,80	8	76	114	64
A00508	454,56	98,00	8,00	8	76	114	64
A00508,5	489,53	120,00	8,50	10	95	142	80
A00509	489,53	120,00	9,00	10	95	142	80
A00509,1	489,53	120,00	9,10	10	95	142	80
A00509,5	489,53	120,00	9,50	10	95	142	80
A005010	489,53	120,00	10,00	10	95	142	80
A005010,5	260,40	165,00	10,50	12	114	162	96
A005011	260,40	165,00	11,00	12	114	162	96
A005011,5	260,40	165,00	11,50	12	114	162	96
A005012	260,40	165,00	12,00	12	114	162	96
A005012,5	389,76	245,00	12,50	14	133	178	112
A005013	389,76	245,00	13,00	14	133	178	112
A005013,5	389,76	245,00	13,50	14	133	178	112
A005014	389,76	245,00	14,00	14	133	178	112
A005014,5	513,98	325,00	14,50	16	152	203	128
A005015	513,98	325,00	15,00	16	152	203	128
A005015,5	513,98	325,00	15,50	16	152	203	128
A005016	513,98	325,00	16,00	16	152	203	128

KERFOLG

JOBBER DRILLS



SPECS



MATERIALS



CODE	L21	HT	D mm	l mm	L mm
A11451	4,73	2,80	1,00	12	34
A11451,1	4,64	2,75	1,10	14	36
A11451,2	4,73	2,80	1,20	16	38
A11451,3	4,60	2,75	1,30	16	38
A11451,4	4,40	2,60	1,40	18	40
A11451,5	4,07	2,40	1,50	18	40
A11451,6	2,65	1,60	1,60	20	43
A11451,7	2,56	1,50	1,70	20	43
A11451,8	2,54	1,50	1,80	22	46
A11451,9	2,54	1,50	1,90	22	46
A11452	2,48	1,50	2,00	24	49
A11452,1	2,58	1,50	2,10	24	49
A11452,2	2,65	1,60	2,20	27	53
A11452,3	2,58	1,50	2,30	27	53
A11452,4	2,73	1,60	2,40	30	57
A11452,5	2,65	1,60	2,50	30	57
A11452,6	2,84	1,70	2,60	30	57
A11452,7	2,90	1,70	2,70	33	61
A11452,8	2,84	1,70	2,80	33	61
A11452,9	2,96	1,70	2,90	33	61
A11453	2,87	1,70	3,00	33	61
A11453,2	3,16	1,90	3,20	36	65
A11453,3	3,16	1,90	3,30	36	65
A11453,4	3,38	2,00	3,40	39	70
A11453,5	3,30	2,00	3,50	39	70
A11453,6	3,62	2,10	3,60	39	70
A11453,7	3,54	2,10	3,70	39	70
A11453,8	3,74	2,20	3,80	43	75
A11453,9	3,74	2,20	3,90	43	75
A11454	3,68	2,20	4,00	43	75
A11454,1	3,84	2,30	4,10	43	75
A11454,2	3,81	2,30	4,20	43	75
A11454,3	4,19	2,50	4,30	47	80
A11454,5	4,02	2,40	4,50	47	80
A11454,6	4,15	2,50	4,60	47	80
A11454,7	4,15	2,50	4,70	47	80
A11454,8	4,36	2,60	4,80	52	86
A11454,9	4,53	2,70	4,90	52	86
A11455	4,44	2,60	5,00	52	86
A11455,1	5,06	3,00	5,10	52	86
A11455,2	5,00	3,00	5,20	52	86
A11455,3	4,91	3,00	5,30	52	86
A11455,5	5,55	3,30	5,50	57	93
A11455,6	5,48	3,30	5,60	57	93
A11455,7	6,03	3,60	5,70	57	93
A11455,8	5,82	3,50	5,80	57	93
A11456	5,91	3,50	6,00	57	93
A11456,1	6,36	3,80	6,10	63	101
A11456,2	6,28	3,80	6,20	63	101
A11456,3	6,03	3,60	6,30	63	101
A11456,4	6,46	3,90	6,40	63	101
A11456,5	6,36	3,80	6,50	63	101
A11456,6	6,92	4,10	6,60	63	101
A11456,7	6,78	4,00	6,70	63	101
A11456,8	7,43	4,40	6,80	69	109
A11457	7,17	4,00	7,00	69	109
A11457,1	7,69	4,00	7,10	69	109
A11457,3	8,23	5,00	7,30	69	109
A11457,5	8,07	5,00	7,50	69	109
A11457,7	8,88	5,30	7,70	75	117
A11457,8	8,85	5,30	7,80	75	117
A11458	8,55	5,10	8,00	75	117
A11458,2	9,31	5,50	8,20	75	117
A11458,3	9,15	5,50	8,30	75	117
A11458,4	9,59	5,70	8,40	75	117
A11458,5	9,43	5,60	8,50	75	117
A11458,6	10,68	6,40	8,60	81	125
A11458,7	10,49	6,30	8,70	81	125
A11458,9	15,54	9,30	8,90	81	125
A11459	14,02	8,40	9,00	81	125
A11459,1	15,54	9,30	9,10	81	125
A11459,2	15,54	9,30	9,20	81	125
A11459,3	15,78	9,50	9,30	81	125
A11459,4	15,78	9,50	9,40	81	125
A11459,5	15,78	9,50	9,50	81	125
A11459,7	17,30	10,30	9,70	87	133
A11459,8	18,61	11,10	9,80	87	133
A114510	16,64	10,00	10,00	87	133
A114510,2	21,12	12,60	10,20	87	133
A114510,5	21,80	13,00	10,50	87	133
A114511	24,74	14,80	11,00	94	142
A114511,5	27,26	16,30	11,50	94	142
A114512	30,31	18,20	12,00	101	151
A114512,5	23,99	14,40	12,50	101	151
A114513	24,41	14,60	13,00	101	151

TAPS FOR UNIVERSAL APPLICATIONS



SPECS



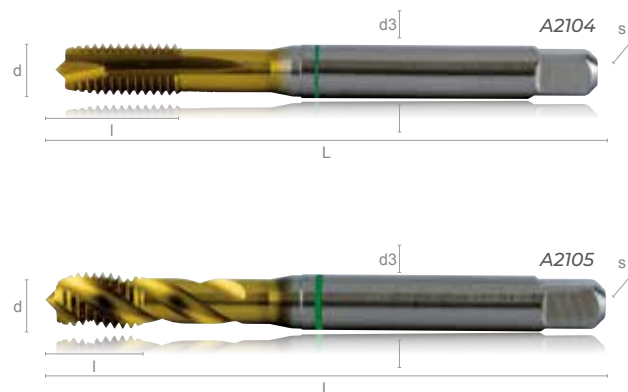
MATERIALS



	CODE	L21	HT	d x p mm	L mm	l mm	d3 mm	s mm	Tapping hole mm
DIN 371	A2104M02	28,46	17,00	2 x 0,4	45	7	2,8	2,1	1,6
	A2104M02,5	27,54	16,50	2,5 x 0,45	50	9	2,8	2,1	2,05
	A2104M03	24,00	12,50	3 x 0,5	56	11	3,5	2,7	2,5
	A2104M04	24,32	13,00	4 x 0,7	63	13	4,5	3,4	3,3
	A2104M05	24,74	13,00	5 x 0,8	70	14	6	4,9	4,2
	A2104M06	24,74	13,00	6 x 1	80	17	6	4,9	5
	A2104M08	24,47	14,50	8 x 1,25	90	20	8	6,2	6,8
	A2104M10	29,02	18,00	10 x 1,5	100	22	10	8	8,5
	A2104M12	37,94	22,50	12 x 1,75	110	24	9	7	10,2
	A2104M14	57,06	34,50	14 x 2	110	26	11	9	12
DIN 376	A2104M16	55,76	33,50	16 x 2	110	27	12	9	14
	A2104M18	93,77	56,00	18 x 2,5	125	30	14	11	15,5
	A2104M20	84,95	51,00	20 x 2,5	140	32	16	12	17,5
	A2104M22	144,42	84,50	22 x 2,5	140	32	18	14,5	19,5
	A2104M24	116,07	70,00	24 x 3	160	34	18	14,5	21
	A2104M27	161,18	96,50	27 x 3	160	36	20	16	24
	A2104M30	186,90	112,00	30 x 3,5	180	40	22	18	26,5
	A2105M02	28,46	17,00	2 x 0,4	45	4	2,8	2,1	1,6
	A2105M02,5	28,98	17,50	2,5 x 0,45	50	5	2,8	2,1	2,05
	A2105M03	24,74	13,00	3 x 0,5	56	6	3,5	2,7	2,5
DIN 371	A2105M04	22,58	13,50	4 x 0,7	63	7	4,5	3,4	3,3
	A2105M05	23,00	14,00	5 x 0,8	70	8	6	4,9	4,2
	A2105M06	23,73	14,00	6 x 1	80	10	6	4,9	5
	A2105M08	27,93	16,50	8 x 1,25	90	14	8	6,2	6,8
	A2105M10	33,74	20,00	10 x 1,5	100	16	10	8	8,5
	A2105M12	41,48	25,00	12 x 1,75	110	18	9	7	10,2
	A2105M14	62,90	37,50	14 x 2	110	20	11	9	12
	A2105M16	59,42	35,50	16 x 2	110	22	12	9	14
	A2105M18	102,06	61,00	18 x 2,5	125	25	14	11	15,5
	A2105M20	90,30	54,00	20 x 2,5	140	25	16	12	17,5
DIN 376	A2105M22	144,42	84,50	22 x 2,5	140	27	18	14,5	19,5
	A2105M24	124,28	72,50	24 x 3	160	30	18	14,5	21
	A2105M27	169,05	101,50	27 x 3	160	30	20	16	24
	A2105M30	203,70	122,00	30 x 3,5	180	35	22	18	26,5



TAPS FOR CONTINUOUS APPLICATIONS



SPECS



MATERIALS



	CODE	L21	HT	d x p mm	L mm	l mm	d3 mm	s mm	Tapping hole mm
DIN 371	A2210M2	37,59	22,50	2 x 0,4	45	8	2,8	2,1	1,6
	A2210M2,5	37,59	22,50	2,5 x 0,45	50	9	2,8	2,1	1,9
	A2210M3	29,49	17,50	3 x 0,5	56	10	3,5	2,7	2,5
	A2210M4	30,45	18,00	4 x 0,7	63	12	4,5	3,4	3,3
	A2210M5	30,98	18,50	5 x 0,8	70	14	6	4,9	4,2
	A2210M6	35,48	21,00	6 x 1	80	16	6	4,9	5
	A2210M8	38,64	23,00	8 x 1,25	90	18	8	6,2	6,8
	A2210M10	49,14	29,50	10 x 1,5	100	20	10	8	8,5
	A2210M12	57,02	34,00	12 x 1,75	110	25	9	7	10,2
	A2210M14	77,94	46,50	14 x 2	110	25	11	9	12
DIN 376	A2210M16	73,08	44,00	16 x 2	110	28	12	9	14
	A2210M18	112,88	67,50	18 x 2,5	125	32	14	11	15,5
	A2210M20	102,80	61,50	20 x 2,5	140	32	16	12	17,5
	A2210M22	171,89	103,00	22 x 2,5	140	32	18	14,5	19,5
	A2210M24	146,69	88,00	24 x 3	160	36	18	14,5	21
	A2210M27	189,24	113,50	27 x 3	160	36	20	16	24
	A2210M30	214,94	129,00	30 x 3,5	180	40	22	18	26,5
	A2215M2	37,94	22,50	2 x 0,4	45	8	2,8	2,1	1,6
	A2215M2,5	37,59	22,50	2,5 x 0,45	50	9	2,8	2,1	1,9
	A2215M3	33,60	20,00	3 x 0,5	56	10	3,5	2,7	2,5
DIN 371	A2215M4	34,76	21,00	4 x 0,7	63	12	4,5	3,4	3,3
	A2215M5	36,42	21,50	5 x 0,8	70	14	6	4,9	4,2
	A2215M6	37,07	22,00	6 x 1	80	16	6	4,9	5
	A2215M8	44,48	24,50	8 x 1,25	90	18	8	6,2	6,8
	A2215M10	47,78	28,50	10 x 1,5	100	20	10	8	8,5
	A2215M12	60,38	36,00	12 x 1,75	110	13	9	7	10,2
	A2215M14	82,04	49,00	14 x 2	110	16,5	11	9	12
	A2215M16	83,46	50,00	16 x 2	110	16,5	12	9	14
	A2215M18	120,65	72,50	18 x 2,5	125	20	14	11	15,5
	A2215M20	140,49	84,00	20 x 2,5	140	22	16	12	17,5
DIN 376	A2215M22	187,04	112,00	22 x 2,5	140	24	18	14,5	19,5
	A2215M24	162,65	97,50	24 x 3	160	28	18	14,5	21
	A2215M27	200,55	120,50	27 x 3	160	30	20	16	24
	A2215M30	232,89	139,50	30 x 3,5	180	34	22	18	26,5



VAPORISED TAPS - M



SPECS



MATERIALS



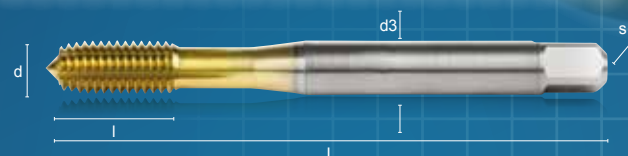
	CODE	L21	HT	d x p mm	L mm	l mm	d3 mm	s mm	Tapping hole mm
DIN 371	A2102M02	23,73	14,00	2 x 0,4	45	7	2,8	2,1	1,6
	A2102M02,5	20,27	12,00	2,5 x 0,45	50	9	2,8	2,1	2,05
	A2102M03	20,16	12,00	3 x 0,5	56	11	3,5	2,7	2,5
	A2102M04	20,37	12,00	4 x 0,7	63	13	4,5	3,4	3,3
	A2102M05	21,74	13,00	5 x 0,8	70	14	6	4,9	4,2
	A2102M06	22,05	13,00	6 x 1	80	17	6	4,9	5
	A2102M08	25,10	15,00	8 x 1,25	90	20	8	6,2	6,8
	A2102M10	29,64	17,50	10 x 1,5	100	22	10	8	8,5
	A2102M12	40,74	24,50	12 x 1,75	110	24	9	7	10,2
	A2102M14	48,54	29,00	14 x 2	110	26	11	9	12
DIN 376	A2102M16	53,24	32,00	16 x 2	110	27	12	9	14
	A2102M18	59,43	35,50	18 x 2,5	125	30	14	11	15,5
	A2102M20	83,58	50,00	20 x 2,5	140	32	16	12	17,5
	A2102M22	97,76	58,50	22 x 2,5	140	32	18	14,5	19,5
	A2102M24	120,96	72,50	24 x 3	160	34	18	14,5	21
	A2102M27	124,04	74,50	27 x 3	160	36	20	16	24
	A2102M30	137,97	82,50	30 x 3,5	180	40	22	18	26,5
	A2103M02	24,05	14,50	2 x 0,4	45	4	2,8	2,1	1,6
	A2103M02,5	20,77	17,00	2,5 x 0,45	50	5	2,8	2,1	2,05
	A2103M03	22,05	13,00	3 x 0,5	56	6	3,5	2,7	2,5
DIN 371	A2103M04	22,05	13,00	4 x 0,7	63	7	4,5	3,4	3,3
	A2103M05	23,00	13,50	5 x 0,8	70	8	6	4,9	4,2
	A2103M06	23,34	14,00	6 x 1	80	10	6	4,9	5
	A2103M08	26,99	16,00	8 x 1,25	90	14	8	6,2	6,8
	A2103M10	32,97	19,50	10 x 1,5	100	16	10	8	8,5
	A2103M12	40,74	24,50	12 x 1,75	110	18	9	7	10,2
	A2103M14	51,98	31,00	14 x 2	110	20	11	9	12
	A2103M16	57,65	34,50	16 x 2	110	22	12	9	14
	A2103M18	88,20	53,00	18 x 2,5	125	25	14	11	15,5
	A2103M20	98,10	59,00	20 x 2,5	140	25	16	12	17,5
DIN 376	A2103M22	104,90	63,00	22 x 2,5	140	27	18	14,5	19,5
	A2103M24	115,74	69,50	24 x 3	160	30	18	14,5	21
	A2103M27	127,16	76,00	27 x 3	160	30	20	16	24
	A2103M30	158,13	94,50	30 x 3,5	180	35	22	18	26,5



FORMING TAP FOR BLIND AND THROUGH HOLES - M

HIGH SPEED
REDUCTION OF CYCLE TIMES
LONG TOOL LIFE
FLEXIBILITY IN PROCESSING

UNIVERSAL TOOL



SPECS



MATERIALS



CODE	L21	HT	d x p mm	L mm	I mm	d3 mm	s mm	Tapping hole mm
A2358M2	63,95	38,00	2 x 0,4	45	7	2,8	2,1	1,85
A2358M2,5	46,73	28,00	2,5 x 0,45	50	9	2,8	2,1	2,3
A2358M3	44,40	26,00	3 x 0,5	56	10	3,5	2,7	2,8
A2358M4	43,89	26,00	4 x 0,7	63	12	4,5	3,4	3,7
A2358M5	43,58	26,00	5 x 0,8	70	14	6	4,9	4,65
A2358M6	43,37	26,00	6 x 1	80	16	6	4,9	5,55
A2358M8	54,08	32,00	8 x 1,25	90	18	8	6,2	7,40
A2358M10	67,34	40,00	10 x 1,5	100	20	10	8	9,30
A2358M12	78,86	47,00	12 x 1,75	110	25	9	7	11,2
A2358M14	101,64	61,00	14 x 2	110	25	11	9	13,1
A2358M16	126,44	75,00	16 x 2	110	28	12	9	15,1

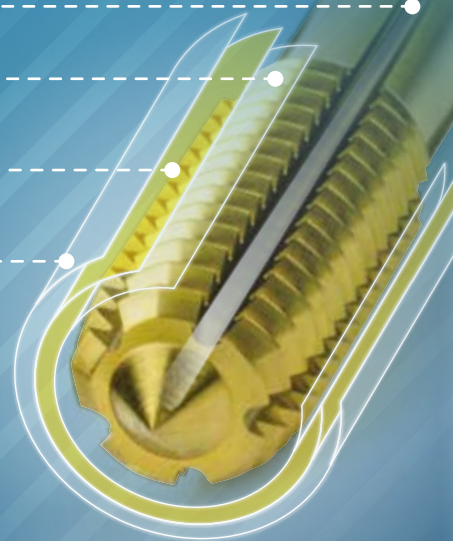
BASE MATERIAL

PRE-POLISHING

SPECIFIC COATING

POST-POLISHING

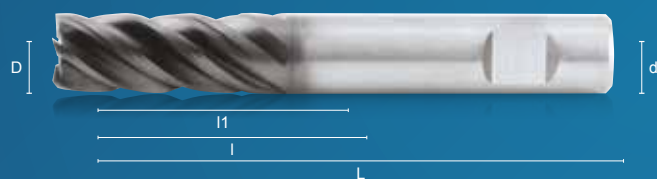
+30%
THREAD
RESISTANCE



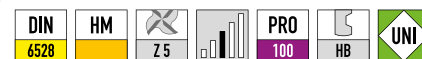
FOLLOW THE KERFOLG PROGRAM FOR YOUR MACHINING OPERATION

KERFOLG Vari

END MILLS WITH VARIABLE PITCH Z5



SPECS



MATERIALS

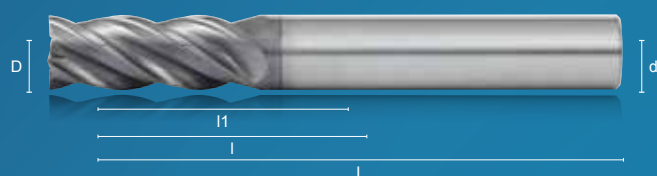


CODE	L21	HT	D mm	L mm	l mm	d mm	r mm	Z
A405704	52,40	35,00	4	55	11	6	0,25	5
A405705	52,40	35,00	5	57	13	6	0,25	5
A405706	52,40	35,00	6	57	13	6	0,40	5
A405707	62,79	45,00	7	63	16	8	0,40	5
A405708	62,79	45,00	8	63	19	8	0,50	5
A405709	85,89	55,00	9	72	19	10	0,50	5
A405710	85,89	55,00	10	72	22	10	0,50	5

CODE	L21	HT	D mm	L mm	l mm	d mm	r mm	Z
A405712	110,04	70,00	12	83	26	12	0,75	5
A405714	154,98	93,00	14	83	26	14	0,75	5
A405716	172,83	110,00	16	92	32	16	0,75	5
A405718	232,58	145,00	18	92	32	18	0,75	5
A405720	259,67	170,00	20	104	38	20	0,75	5
A405725	388,50	250,00	25	121	44	25	0,75	5

KERFOLG

END MILLS WITH VARIABLE HELIX Z4



SPECS



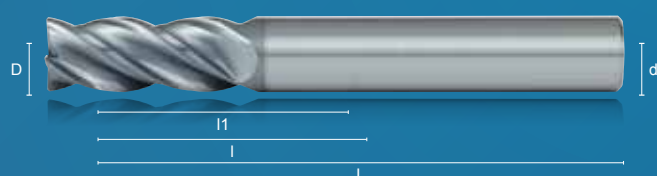
MATERIALS



CODE	L21	HT	D mm	L mm	l mm	d mm	Z
A40433	20,06	12,00	3	50	9	3	4
A40434	20,06	12,00	4	50	11	4	4
A40435	20,06	12,00	5	50	13	6	4
A40436	20,06	12,00	6	50	16	6	4
A40438	30,87	18,00	8	60	20	8	4

CODE	L21	HT	D mm	L mm	l mm	d mm	Z
A404310	44,34	30,00	10	75	25	10	4
A404312	64,89	39,00	12	75	30	12	4
A404316	137,34	80,00	16	100	36	16	4
A404320	162,23	105,00	20	100	45	20	4

END MILLS WITH VARIABLE HELIX Z4



SPECS



MATERIALS



CODE	L21	HT	D mm	L mm	l mm	ch 45° mm	d mm	Z
A405304	20,48	12,30	4	57	11	0,15	6	4
A405306	20,48	12,30	6	50	16	0,20	6	4
A405308	34,50	19,00	8	60	20	0,20	8	4

CODE	L21	HT	D mm	L mm	l mm	ch 45° mm	d mm	Z
A405310	47,25	30,00	10	75	25	0,30	10	4
A405312	65,63	40,00	12	75	30	0,30	12	4
A405316	144,75	85,00	16	100	36	0,40	16	4

END MILLS Z3



SPECS



MATERIALS

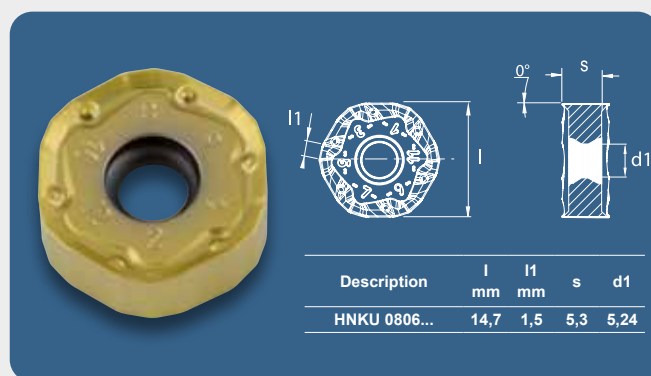


CODE	L21	HT	D mm	L mm	l mm	d mm	Z
A40321	22,16	13,00	1,00	38	2	3	3
A40321,5	22,16	13,00	1,50	38	2	3	3
A40322	22,16	13,00	2,00	38	4	6	3
A40323	22,16	13,00	3,00	38	5	6	3
A40323,5	24,57	14,50	3,50	38	6	6	3
A40324	22,16	13,00	4,00	38	7	6	3
A40324,5	24,57	14,50	4,50	38	8	6	3
A40325	22,16	13,00	5,00	38	8	6	3
A40325,5	24,57	14,50	5,50	38	8	6	3
A40325,75	27,44	16,50	5,75	38	8	6	3
A40326	22,16	13,00	6,00	38	8	6	3

CODE	L21	HT	D mm	L mm	l mm	d mm	Z
A40327	27,83	16,50	7,00	42	10	8	3
A40327,75	33,29	20,00	7,75	42	10	8	3
A40328	28,98	17,50	8,00	43	11	8	3
A40328,7	46,20	27,50	8,70	48	11	10	3
A40329	39,06	23,50	9,00	48	11	10	3
A40329,7	46,20	27,50	9,70	48	11	10	3
A403210	39,06	23,50	10,00	50	13	10	3
A403212	56,18	33,50	12,00	55	15	12	3
A403214	74,55	44,50	14,00	58	15	14	3
A403216	96,08	57,00	16,00	62	18	16	3
A403220	155,40	93,00	20,00	75	22	20	3

KERFOLG Face

DOUBLE SIDE HEXAGONAL INSERTS SHELL MILLS



CODE	HT	Z	D mm	D2 mm	d mm	L mm	D1 mm	ap max mm	Air hole	Insert
B3F084008Z4	359,27	4	40	52	16	40	38	4,0	With	HNKU0806AZER...
B3F085008Z4	364,73	4	50	62	22	40	43	4,0	With	HNKU0806AZER...
B3F086308Z5	512,15	5	63	75	22	40	48	4,0	With	HNKU0806AZER...
B3F088008Z6	587,50	6	80	92	27	50	58	4,0	With	HNKU0806AZER...
B3F0810008Z7	674,86	7	100	112	32	50	78	4,0	With	HNKU0806AZER...
B3F0810008Z8	705,43	8	100	112	32	50	78	4,0	With	HNKU0806AZER...
B3F0812508Z8	810,26	8	125	137	40	63	88	4,0	With	HNKU0806AZER...
B3F0812508Z9	931,48	9	125	137	40	63	88	4,0	With	HNKU0806AZER...

CUTTING PARAMETERS

CODE	HT	Description	Grade	P			M		K		N	S	H
				<500 N/mm²	<850 N/mm²	<1200 N/mm²	<600 N/mm²	<850 N/mm²	<240 HB	<300 HB	Alu	HTA	<60 HRC
B3P1008HNMM10	14,85	HNKU0806AZER-MM	PH35	●	●	●	○	○	○	○	○	○	○
B3P1008HNMM15	14,85	HNKU0806AZER-MM	MT35	●	○	○	●	●	○	○	○	○	○
B3P1008HNMM20	18,56	HNKU0806AZER-MM	ST35	●	○	○	○	●	○	○	●	○	○

* 70 % discount on endmill every 10 inserts for seat bought.

EXTERNAL TURNING TOOLHOLDERS



CN...

Turning and facing works

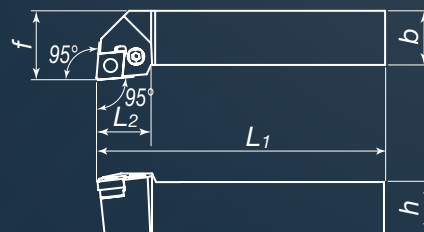
B0U10



CN...

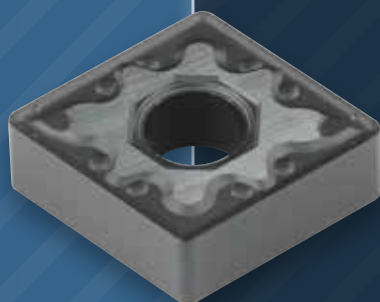
Turning and facing works

B0U11



	CODE	L21	Description	b mm	h mm	f mm	L2 mm	L1 mm	Inserts	Clamp	Wrench	Shim	Shim screw	Spring pin
DCLNR/L	B0U10R2020K12	78,65	DCLNR 2020 K12	20	20	25	30	125	CN..1204..	BRICA005	BRICA006	BRICA007	BRICA008	/
	B0U10R2525M12	82,43	DCLNR 2525 M12	25	25	32	33	150	CN..1204..	BRICA005	BRICA006	BRICA007	BRICA008	/
	B0U10L2020K12	78,65	DCLNL 2020 K12	20	20	25	30	125	CN..1204..	BRICA005	BRICA006	BRICA007	BRICA008	/
	B0U10L2525M12	82,43	DCLNL 2525 M12	25	25	32	33	150	CN..1204..	BRICA005	BRICA006	BRICA007	BRICA008	/
									Inserts	Lever	Screw	Wrench	Shim	Spring pin
PCLNR/L	B0U11R2020K12	73,61	PCLNR 2020 K12	20	20	25	27	125	CN..1204..	BRICA013	BRICA027	BRICA015	BRICA007	BRICA017
	B0U11R2525M12	81,69	PCLNR 2525 M12	25	25	32	28	150	CN..1204..	BRICA013	BRICA027	BRICA015	BRICA007	BRICA017
	B0U11L2020K12	73,61	PCLNL 2020 K12	20	20	25	27	125	CN..1204..	BRICA013	BRICA027	BRICA015	BRICA007	BRICA017
	B0U11L2525M12	81,69	PCLNL 2525 M12	25	25	32	28	150	CN..1204..	BRICA013	BRICA027	BRICA015	BRICA007	BRICA017

C SHAPE



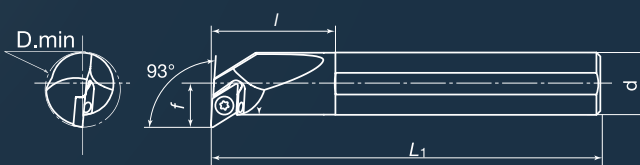
	Description	Grade	CODE	L21	P	M	K	N	S	H
FINISHING	FF CNMG 120404-EN-FF	1010	B0C57CNFF10	9,53	●	●	●			
	FF CNMG 120408-EN-FF	1010	B0C57CNFF11	9,53	●	●	●			
	CSF CNMG 120404-CSF	4115	B0C58CNCFSF11	9,53	●	○				
	CSF CNMG 120404-CSF	4125	B0C58CNCFSF12	9,53	●	○				
MEDIUM CUTTING	CSF CNMG 120408-CSF	4115	B0C58CNCFSF13	9,53	●	○				
	CSF CNMG 120408-CSF	4125	B0C58CNCFSF14	9,53	●	○				
	CM CNMG 120404-CM	4115	B0C51CNCM10	9,38	●	○				
	CM CNMG 120404-CM	4125	B0C51CNCM11	9,38	●	○				
	CM CNMG 120408-CM	4115	B0C51CNCM12	9,38	●	○				
	CM CNMG 120408-CM	4125	B0C51CNCM13	9,38	●	○				
	CM CNMG 120408-CM	4135	B0C51CNCM14	9,38	●	○				
	CM CNMG 120408-CM	3120	B0C51CNCM20	9,53	○	○	●			
	CM CNMG 120412-CM	4115	B0C51CNCM15	9,38	●	○				
	CM CNMG 120412-CM	4125	B0C51CNCM16	9,38	●	○				
	CM CNMG 120412-CM	4135	B0C51CNCM17	9,38	●	○				
	CM CNMG 120412-CM	3120	B0C51CNCM21	9,53	●	○	●			
	SA CNMG 120404-SA	5110	B0C59CNSA05	12,36		○			●	
	SA CNMG 120408-SA	5110	B0C59CNSA06	12,36		○			●	
	SA CNMG 120404-SA	5115	B0C59CNSA07	12,36		○			●	
	SA CNMG 120408-SA	5115	B0C59CNSA08	12,36		○			●	
ROUGHING	SM CNMG 120404-SM	2125	B0C52CNSM10	9,38	○	●				
	SM CNMG 120408-SM	2125	B0C52CNSM11	9,38	○	●				
	CR CNMG 120408-CR	4115	B0C53CNCR08	9,53	●	○				
	CR CNMG 120412-CR	4125	B0C53CNCR09	9,53	●	○				
	CMR CNMG 120408-CMR	3120	B0C54CNCMR20	9,53	○		●			
	CMR CNMG 120412-CMR	3120	B0C54CNCMR21	9,53	○		●			

DISCOUNT TOOL **70%** BY PURCHASING **20 INSERTS**



Internal
turning

B1U25



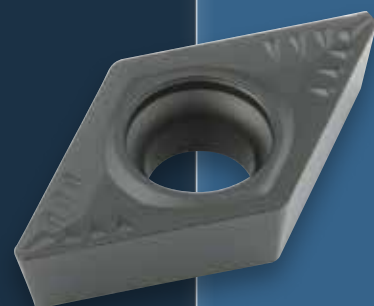
CODE	L21	Description	D min mm	d mm	f mm	L1 mm	l mm	Inserts	Insert screw	Screwdriver	Shim	Shim screw
B1U25R1007	94,50	A10K SDUCR 07	13,5	10	7	125	15	DC..0702..	BRICA147	BRICA002	/	/
B1U25R1207	99,75	A12L SDUCR 07	16	12	9	140	20	DC..0702..	BRICA147	BRICA002	/	/
B1U25R1607	108,15	A16Q SDUCR 07	20	16	11	180	27	DC..0702..	BRICA147	BRICA002	/	/
B1U25R2011	119,70	A20R SDUCR 11	25	20	13	200	33,8	DC..11T3..	BRICA148	BRICA004	/	/
B1U25R2511	149,10	A25R SDUCR 11	32	25	17	200	35,8	DC..11T3..	BRICA148	BRICA004	/	/
B1U25R3211	217,35	A32S SDUCR11	40	32	22	250	18,5	DC..11T3..	BRICA137	BRICA004	BRICA152	BRICA145
B1U25R4011	295,05	A40T SDUCR 11	49	40	27	300	18,5	DC..11T3..	BRICA137	BRICA004	BRICA152	BRICA145
B1U25L1007	94,50	A10K SDUCL 07	13,5	10	7	125	15	DC..0702..	BRICA147	BRICA002	/	/
B1U25L1207	99,75	A12L SDUCL 07	16	12	9	140	20	DC..0702..	BRICA147	BRICA002	/	/
B1U25L1607	106,05	A16Q SDUCL 07	20	16	11	180	27	DC..0702..	BRICA147	BRICA002	/	/
B1U25L2011	119,70	A20R SDUCL 11	25	20	13	200	33,8	DC..11T3..	BRICA148	BRICA004	/	/
B1U25L2511	149,10	A25R SDUCL 11	32	25	17	200	35,8	DC..11T3..	BRICA148	BRICA004	/	/
B1U25L3211	217,35	A32S SDUCL 11	40	32	22	250	18,5	DC..11T3..	BRICA137	BRICA004	BRICA152	BRICA145
B1U25L4011	295,05	A40T SDUCL 11	49	40	27	300	18,5	DC..11T3..	BRICA137	BRICA004	BRICA152	BRICA145

A...SDUCRL

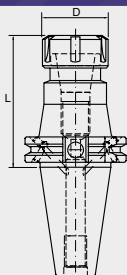
POSITIVE INSERTS

	Description	Grade	CODE	L21	P	M	K	N	S	H
FINISHING	FFP DCMT 070204-FFP	1010	B1D55DCFFP05	7,33	●	●	○			
	FFP DCMT 11T304-FFP	1010	B1D55DCFFP06	7,33	●	●	○			
	CFP DCMT 070202-CFP	4125	B1D56DCCFP10	6,58	●	○				
	CFP DCMT 070204-CFP	4115	B1D56DCCFP14	6,99	●	○				
	CFP DCMT 070204-CFP	4125	B1D56DCCFP11	6,58	●	○				
	CFP DCMT 11T302-CFP	4125	B1D56DCCFP15	8,91	●	○				
	CFP DCMT 11T304-CFP	4125	B1D56DCCFP12	8,39	●	○				
	CFP DCMT 11T308-CFP	4125	B1D56DCCFP13	8,39	●	○				
	CMP DCMT 070204-CMP	4125	B1D57DCCMP10	6,58	●	○				
	CMP DCMT 070204-CMP	4135	B1D57DCCMP11	6,58	●	○				
MEDIUM CUTTING	CMP DCMT 070208-CMP	4125	B1D57DCCMP18	6,99	●	○				
	CMP DCMT 070208-CMP	4135	B1D57DCCMP19	6,99	●	○				
	CMP DCMT 11T304-CMP	4115	B1D57DCCMP12	8,39	●	○				
	CMP DCMT 11T304-CMP	4125	B1D57DCCMP13	8,39	●	○				
	CMP DCMT 11T304-CMP	4135	B1D57DCCMP14	8,39	●	○				
	CMP DCMT 11T308-CMP	4115	B1D57DCCMP15	8,39	●	○				
	CMP DCMT 11T308-CMP	4125	B1D57DCCMP16	8,39	●	○				
	CMP DCMT 11T308-CMP	4135	B1D57DCCMP17	8,39	●	○				
	SMP DCMT 070204-SMP	2125	B1D58DCSMP10	6,58	○	●				
	SMP DCMT 070208-SMP	2125	B1D58DCSMP13	6,99	○	●				
	SMP DCMT 11T304-SMP	2125	B1D58DCSMP11	8,39	○	●				
	SMP DCMT 11T304-SMP	2135	B1D58DCSMP14	8,91	○	●			○	
	SMP DCMT 11T308-SMP	2125	B1D58DCSMP12	8,39	○	●				
	SMP DCMT 11T308-SMP	2135	B1D58DCSMP15	8,91	○	●			○	
	AFP DCGT 070201FN-AFP	NL10	B1D59DCAFP15	11,66			○	●	○	
	AFP DCGT 070202FN-AFP	NL10	B1D59DCAFP10	11,08			○	●	○	
	AFP DCGT 070204FN-AFP	NL10	B1D59DCAFP11	11,08			○	●	○	
	AFP DCGT 070208FN-AFP	NL10	B1D59DCAFP16	11,66			○	●	○	
	AFP DCGT 11T302FN-AFP	NL10	B1D59DCAFP12	12,96			○	●	○	
	AFP DCGT 11T304FN-AFP	NL10	B1D59DCAFP13	12,96			○	●	○	
	AFP DCGT 11T308FN-AFP	NL10	B1D59DCAFP14	12,96			○	●	○	

D SHAPE



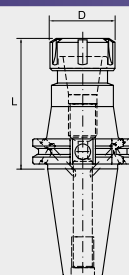
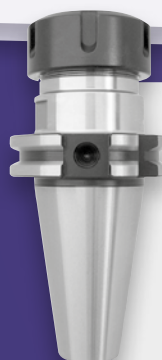
TU-KOY **UNMISSABLE OFFER!** WHILE STOCKS LAST



C0013

**ER
COLLET CHUCKS
DIN 69871 SK
AD+B**

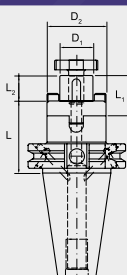
SK 40	G 6.3 12.000 rpm	AT3 TAPER
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C0014

**ER
COLLET CHUCKS
DIN 69871 SK
AD+B**

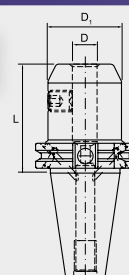
SK 50	G 6.3 12.000 rpm	AT3 TAPER
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C0091

**COMBI-DRIVE SHELL
MILL HOLDER CHUCKS
DIN 69871 SK
AD+B**

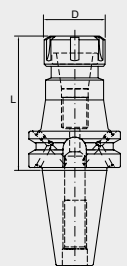
SK 40	SK 50	G 6.3 15.000 rpm	AT3 TAPER
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C0041

**WELDON
CHUCKS
DIN 69871 SK
AD+B**

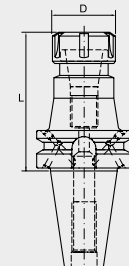
SK 40	G 6.3 12.000 rpm	AT3 TAPER
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C1013

**ER
COLLET CHUCKS
MAS 403 BT
AD+B**

BT 40	G 6.3 12.000 rpm	AT3 TAPER
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C1014

**ER
COLLET CHUCKS
MAS 403 BT
AD+B**

BT 50	G 6.3 12.000 rpm	AT3 TAPER
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CODE	L21	HT	SK	BT	ER	D mm	D1 mm	D2 mm	L mm	L1 mm	L2 mm	Ring nut
C0013416070	82,43	37,00	40	-	-	32	-	-	70	-	-	ER16
C0013416160	144,80	65,00	40	-	-	32	-	-	160	-	-	ER16
C0013420100	105,84	47,00	40	-	-	35	-	-	100	-	-	ER20
C0013420160	144,80	65,00	40	-	-	35	-	-	160	-	-	ER20
C0013425130	140,39	63,00	40	-	-	42	-	-	130	-	-	ER25
C0013425160	144,80	65,00	40	-	-	42	-	-	160	-	-	ER25
C0013440070	86,84	39,00	40	-	-	63	-	-	70	-	-	ER40
C0013440100	116,82	52,00	40	-	-	63	-	-	100	-	-	ER40
C0041406050	199,40	89,00	40	-	-	6	25	-	50	-	-	-
C0041406100	155,93	70,00	40	-	-	6	25	-	100	-	-	-
C0041406160	213,89	96,00	40	-	-	6	25	-	160	-	-	-
C0041408100	66,15	30,00	40	-	-	8	28	-	100	-	-	-
C0041408160	81,90	37,00	40	-	-	8	28	-	160	-	-	-
C0041410050	133,35	60,00	40	-	-	10	35	-	50	-	-	-
C0041410100	73,50	33,00	40	-	-	10	35	-	100	-	-	-
C0041412160	128,10	58,00	40	-	-	12	42	-	160	-	-	-
C0041414100	64,95	29,00	40	-	-	14	44	-	100	-	-	-
C0041416160	73,50	34,00	40	-	-	16	48	-	160	-	-	-
C0041418100	128,10	58,00	40	-	-	18	50	-	100	-	-	-
C0041420100	73,50	34,00	40	-	-	20	52	-	100	-	-	-
C0041425160	128,10	58,00	40	-	-	25	65	-	160	-	-	-
C0091416100	73,50	34,00	40	-	-	-	16	32	100	27	17	-
C0091427055	67,20	33,00	40	-	-	-	27	48	55	33	21	-
C0091522100	139,65	63,00	50	-	-	-	22	40	100	31	19	-
C0091527055	120,75	54,00	50	-	-	-	27	48	55	33	21	-
C0091532055	93,45	42,00	50	-	-	-	32	58	55	38	24	-
C0014520100	144,90	66,00	50	-	-	35	-	-	100	-	-	ER20
C0014525070	128,10	58,00	50	-	-	42	-	-	70	-	-	ER25
C0014532130	131,25	59,00	50	-	-	50	-	-	130	-	-	ER32
C1013416070	81,17	37,00	-	40	-	32	-	-	70	-	-	ER16
C1013420070	81,17	37,00	-	40	-	35	-	-	70	-	-	ER20
C1013425100	104,37	47,00	-	40	-	42	-	-	100	-	-	ER25
C1013440070	85,58	39,00	-	40	-	63	-	-	70	-	-	ER40
C1013440100	114,14	52,00	-	40	-	63	-	-	100	-	-	ER40
C1014525080	152,25	69,00	-	50	-	42	-	-	80	-	-	ER25
C1014525100	174,30	79,00	-	50	-	42	-	-	100	-	-	ER25
C1014532080	143,85	65,00	-	50	-	50	-	-	80	-	-	ER32
C1014540080	152,25	69,00	-	50	-	63	-	-	80	-	-	ER40

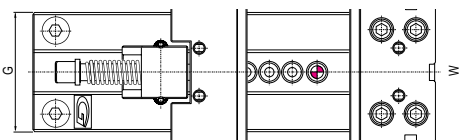
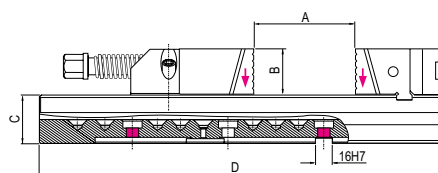


CLAMPING VICES STANDARD FLEX

Vice with quick manual jaw plate changeover without the need for tools (Comb system). Increased and improved pull-down action during clamping.

Included:

- Standard for 16 mm slot (other dimensions on request box wrench)
- T-wrench
- Ground and calibrated holes with an F7 tolerance F7



CODE	L21	HT	Mod mm	A mm	B mm	C mm	D mm	W mm	G mm	Kg
C6302150121	854,70	640,00	150 x 121	150	38	40	345	121	95	12,9
C6302200146	1.027,95	690,00	200 x 146	200	48	50	420	146	125	25,5
C6302300146	1.185,45	780,00	300 x 146	300	48	50	520	146	125	29
C6302400171	1.568,70	1.100,00	400 x 171	400	58	58	655	171	145	47



BIMETAL BLADE M42

SUPER 8



Tooth hardness
67/68 HRC



**Universal blade
with excellent
performance**



P	M	K	N	S	H	C
●	○	●	○	○	-	-

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

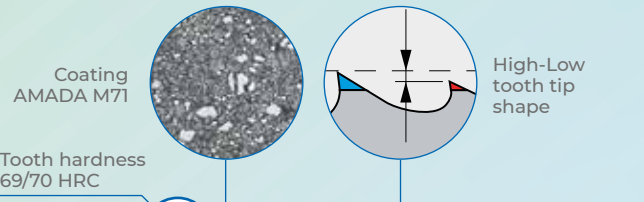
Length mm	3/4	HT	4/6	HT	5/7	HT
2450	SU8272450Z34	26,60	SU8272450Z46	26,60	SU8272450Z57	26,60
2750	SU8272750Z34	29,34	SU8272750Z46	29,34	SU8272750Z57	29,34
2765	SU8272765Z34	29,48	SU8272765Z46	29,48	SU8272765Z57	29,48
2825	SU8272825Z34	30,02	SU8272825Z46	30,02	SU8272825Z57	30,02
2950	SU8272950Z34	31,16	SU8272950Z46	31,16	SU8272950Z57	31,16
3010	SU8273010Z34	31,71	SU8273010Z46	31,71	SU8273010Z57	31,71
3120	SU8273120Z34	32,71	SU8273120Z46	32,71	SU8273120Z57	32,71
3150	SU8273150Z34	32,92	SU8273150Z46	32,92	SU8273150Z57	32,92
3180	SU8273180Z34	33,25	SU8273180Z46	33,25	SU8273180Z57	33,25
3270	SU8273270Z34	34,07	SU8273270Z46	34,07	SU8273270Z57	34,07
3320	SU8273320Z34	34,53	SU8273320Z46	34,53	SU8273320Z57	34,53
3660	SU8273660Z34	37,63	SU8273660Z46	37,63	SU8273660Z57	37,63

Length mm	2/3	HT	3/4	HT	4/6	HT
3505	SU8343505Z23	45,88	SU8343505Z34	45,88	SU8343505Z46	45,88
3660	SU8343660Z23	47,63	SU8343660Z34	47,63	SU8343660Z46	47,63
4100	SU8344100Z23	52,63	SU8344100Z34	52,63	SU8344100Z46	52,63
4115	SU8344115Z23	52,80	SU8344115Z34	52,80	SU8344115Z46	52,80
4120	SU8344120Z23	52,86	SU8344120Z34	52,86	SU8344120Z46	52,86
4500	SU8344500Z23	57,17	SU8344500Z34	57,17	SU8344500Z46	57,17
4540	SU8344540Z23	57,62	SU8344540Z34	57,62	SU8344540Z46	57,62
4570	SU8344570Z23	57,96	SU8344570Z34	57,96	SU8344570Z46	57,96
4640	SU8344640Z23	58,75	SU8344640Z34	58,75	SU8344640Z46	58,75
4870	SU8344870Z23	61,37	SU8344870Z34	61,37	SU8344870Z46	61,37
5100	SU8345100Z23	63,98	SU8345100Z34	63,98	SU8345100Z46	63,98
5300	SU8345300Z23	66,25	SU8345300Z34	66,25	SU8345300Z46	66,25



BIMETAL BLADE HIGH SPEED STEEL M71

MAGNUM HLG



Tooth hardness
69/70 HRC



**Cutting of tough materials
without friction**



P	M	K	N	S	H	C
●	●	-	-	●	-	-

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

Length mm	2/3	HT	3/4	HT	4/6	HT
2450	-	-	HLG272450Z34	33,63	HLG272450Z46	33,63
2750	-	-	HLG272750Z34	37,23	HLG272750Z46	37,23
2765	-	-	HLG272765Z34	37,40	HLG272765Z46	37,40
2825	-	-	HLG272825Z34	38,12	HLG272825Z46	38,12
2950	-	-	HLG272950Z34	39,62	HLG272950Z46	39,62
3010	-	-	HLG273010Z34	40,33	HLG273010Z46	40,33
3120	-	-	HLG273120Z34	41,65	HLG273120Z46	41,65
3150	-	-	HLG273150Z34	42,01	HLG273150Z46	42,01
3180	-	-	HLG273180Z34	42,37	HLG273180Z46	42,37
3270	-	-	HLG273270Z34	43,45	HLG273270Z46	43,45
3320	-	-	HLG273320Z34	44,04	HLG273320Z46	44,04
3660	-	-	HLG273660Z34	48,12	HLG273660Z46	48,12

Length mm	2/3	HT	3/4	HT	4/6	HT
3505	HLG343505Z23	58,84	HLG343505Z34	58,84	-	-
3660	HLG343660Z23	61,17	HLG343660Z34	61,17	-	-
4100	HLG344100Z23	67,80	HLG344100Z34	67,8	-	-
4115	HLG344115Z23	68,02	HLG344115Z34	68,02	-	-
4120	HLG344120Z23	68,09	HLG344120Z34	68,09	-	-
4500	HLG344500Z23	73,81	HLG344500Z34	73,81	-	-
4540	HLG344540Z23	74,41	HLG344540Z34	74,41	-	-
4570	HLG344570Z23	74,87	HLG344570Z34	74,87	-	-
4640	HLG344640Z23	75,92	HLG344640Z34	75,92	-	-
4870	HLG344870Z23	79,38	HLG344870Z34	79,38	-	-
5100	HLG345100Z23	82,84	HLG345100Z34	82,84	-	-
5300	HLG345300Z23	85,85	HLG345300Z34	85,85	-	-

BAND SAW MACHINES 280 M

Small and robust band saw machine. Particularly recommended for structural steel and workshops that need to cut small batches

€ 2.950,00
N2327280M

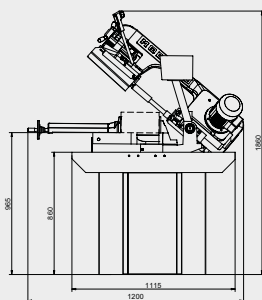
- Vice holder unit, suitable for the cutting capacity, designed to make the machine reliable while containing costs
- Low voltage electrical system compliant with EC standards
- Can only be supplied with a top control panel
- Worm reduction gearbox
- Cutting capacity up to 60° right
- Two speed three-phase motor
- Worktable height 965 mm
- Hardened and ground gears

• Product Made in Italy

STANDARD ACCESSORIES

- Millimetre scale 0-500 mm with stop block
- Infeed roller
- Workpiece discharge chute

Band dimension mm	2450 x 27 x 0,9
Tension V	400
Power Kw	0,5 - 0,7
Cutting speed m/min	35 - 70
Weight Kg	240
Cutting capacity mm	
○ 0° / 45° / 60°	220 / 160 / 95
□ 0° / 45° / 60°	220 / 155 / 95
▢ 0° / 45° / 60°	260 x 140 / 160 x 140 / 95 x 95



Standard colours: Red upper part RAL 3002 - Black lower part RAL 7022. BLUE RAL 5015 on request at an additional cost.

COOLING LUBRICANT FOR SAWING MACHINES

"ALL IN ONE GREEN SAW" is an innovative cooling lubricant based on esters derived from renewable raw materials. Ready to use: a universal product for processing steels, stainless steels, titanium and aluminium alloys, even those that are particularly susceptible to staining. Can also be used when working yellow alloys and cast iron.

Can be poured directly into the tank of the sawing machine, without having to dose or mix it."



NEW

ALL IN ONE
GREEN SAW

€ 49,50
H005020

READY TO USE

10%

Formulated with 10% of emulsifiable



No refractometer required

0%
ERROR

No % oil/water ratio calculation errors



ZERO risk of topping up with "incompatible" oils



ZERO risk of INCOMPATIBILITY with water hardness



ZERO waste of staff time for mixing operations

READY
TO
USE

Easy to top-up



Easy to position close to sawing machines



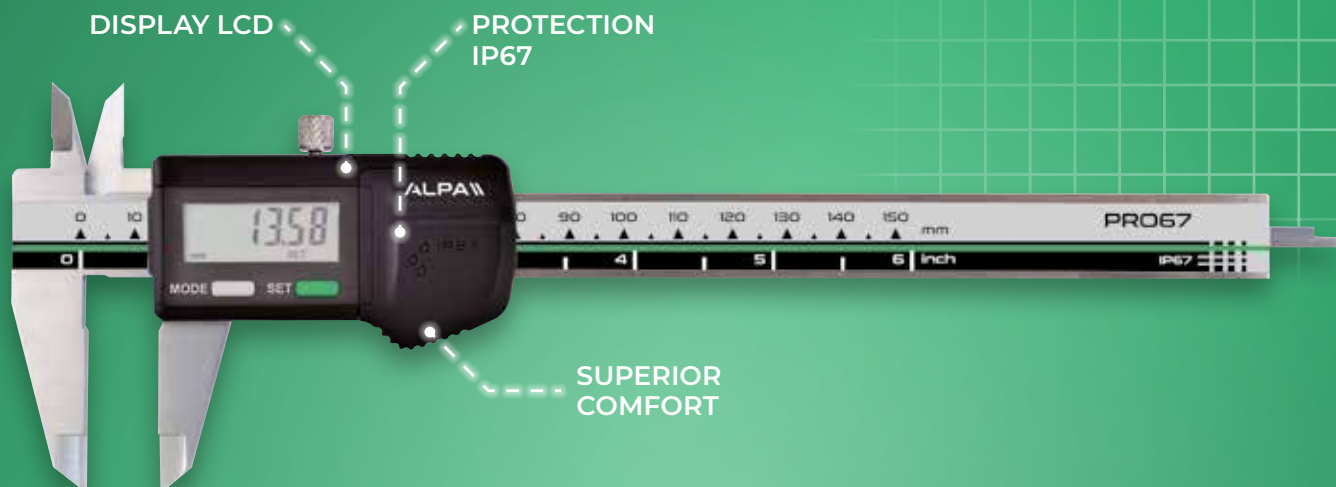
Greater emulsion stability

METROLOGY



ALPA PRO67

DIGITAL CALIPERS IP67



0.01mm resolution

Digital caliper with electronics of a very high degree of protection against particles and liquids, even while in temporary submersion. Vernier with locking screw system, ON/OFF button, incremental measuring and zero-setting at any position.

Measuring range	150 mm - 6"
Resolution	0.01 mm - 0.0005"
Max error	DIN 862
Repeatability	0.0311mm / 0.0015" (150 mm - 6")
Slider speed	max 1.5 m/s - 60"/s
Storage temperature	-10°C / +60° C
Working temperature	+5°C / +40°C
Protection	IP67 (IEC 605291)



CODE	L21	HT	Range mm	Rod
D0007150T	439,65	92,00	0 ÷ 150	●
D0007150P	439,65	92,00	0 ÷ 150	■
D0007200	241,05	128,00	0 ÷ 200	■
D0007300	270,96	170,00	0 ÷ 300	■

ALPA ABSolutus

DIGITAL CALIPERS IP54
WITH ABSOLUTE FUNCTION



CODE	L21	HT	Range mm	Asta
D0009150P	96,60	60,00	0 ÷ 150	■
D0009150T	96,60	60,00	0 ÷ 150	●
D0009200	117,60	88,00	0 ÷ 200	■
D0009300	178,50	125,00	0 ÷ 300	■

ALPA

DIGITAL CALIPERS
WITH PRESET



CODE	L21	HT	Range mm
D0024150	48,30	35,00	0 ÷ 150
D0024200	85,05	61,00	0 ÷ 200
D0024300	107,10	85,00	0 ÷ 300

ALPA MEGAwhez

MICROMETRO DIGITALE IP67

Non-rotating spindle
Ø 6,5 mm

Fast movement
10 mm / rotation

Proximity
USB or RS connection



User - Friendly
functions

ON/OFF
ZERO
ABS
PRESET
SLEEP
HOLD

Repeatability	0,001 mm
Measuring force	0-25/30 mm Adjustable 5N/10N
Measuring force	Long ranges 10N standard
Measuring system	S.I.S (patented)
Power consumption	60 µA
Battery life	10'000 H
Working temperature	from + 5° to + 40°C / from + 41 to + 104°F

CODE	L21	HT	Range mm
D1111000030	446,25	350,00	0 ÷ 30
D1111030060	642,60	500,00	30 ÷ 66
D1111066102	794,85	620,00	66 ÷ 102

ALPA Exacto

DIGITAL MICROMETERS IP65



CODE	L21	HT	Range mm	CODE	L21	HT	Range mm
D1110000025	145,95	105,00	0 ÷ 25	D1110150175	329,70	255,00	150 ÷ 175
D1110025050	168,00	116,00	25 ÷ 50	D1110175200	351,75	275,00	175 ÷ 200
D1110050075	216,30	160,00	50 ÷ 75	D1110200225	389,55	300,00	200 ÷ 225
D1110075100	257,25	200,00	75 ÷ 100	D1110225250	422,10	330,00	225 ÷ 250
D1110100125	279,30	220,00	100 ÷ 125	D1110250275	448,35	350,00	250 ÷ 275
D1110125150	294,00	230,00	125 ÷ 150	D1110275300	475,65	370,00	275 ÷ 300

ALPA Exacto

EXTERNAL MICROMETERS

Range 0 ÷ 25 mm



€ 28,00
D1122000025

ALPA

Measuring instruments



ALPA



Resolution mm 0,01

DIAL INDICATORS Ø 58



D2513IDR100

FLEXIBLE MAGNETIC DIAL INDICATOR STANDS



D2512MEC100

FLEXIBLE MAGNETIC DIAL INDICATOR STANDS



D2516MEC80

JOINTED MAGNETIC KEY SWITCH HOLDER

			L21		248,85		226,80		440,70		
			HT		175,00		175,00		90,00		
CODE	Excursion mm	Resolution mm			+	STANDS					
D235110	10	0,01	35,70	28,00	DIAL INDICATORS	182,00		182,00		106,00	
D235125	25	0,01	86,40	66,00		217,00		217,00		140,00	
D235130	30	0,01	94,50	74,00		224,00		224,00		147,00	

GO/ NO GO PLUG GAUGES

Hardened steel, H7 tolerance.



CODE	L21	HT	Ø mm
D55103	28,35	22,00	3
D55104	28,35	22,00	4
D55105	28,35	22,00	5
D55106	28,35	22,00	6
D55107	28,35	22,00	7
D55108	28,35	22,00	8
D55109	28,35	22,00	9
D551010	28,35	22,00	10
D551011	28,35	22,00	11
D551012	28,35	22,00	12
D551013	28,35	22,00	13
D551014	28,35	22,00	14
D551015	28,35	22,00	15
D551016	28,35	22,00	16
D551017	28,35	22,00	17
D551018	28,35	22,00	18

CODE	L21	HT	Ø mm
D551019	28,35	22,00	19
D551020	28,35	22,00	20
D551021	32,55	25,00	21
D551022	32,55	25,00	22
D551023	32,55	25,00	23
D551024	32,55	25,00	24
D551025	32,55	25,00	25
D551026	32,55	25,00	26
D551027	32,55	25,00	27
D551028	32,55	25,00	28
D551029	32,55	25,00	29
D551030	32,55	25,00	30
D551032	39,90	31,00	32
D551033	39,90	31,00	33
D551034	39,90	31,00	34
D551035	39,90	31,00	35

CODE	L21	HT	Ø mm
D551036	39,90	31,00	36
D551037	39,90	31,00	37
D551038	39,90	31,00	38
D551040	39,90	31,00	40
D551042	48,30	37,00	42
D551044	48,30	37,00	44
D551045	48,30	37,00	45
D551046	48,30	37,00	46
D551047	48,30	37,00	47
D551048	48,30	37,00	48
D551050	48,30	37,00	50
D551052	66,15	51,00	52
D551055	66,15	51,00	55
D551056	66,15	51,00	56
D551058	66,15	51,00	58
D551060	66,15	51,00	60

CODE	L21	HT	Ø mm
D551062	66,15	51,00	62
D551065	66,15	51,00	65
D551068	75,60	58,00	68
D551070	75,60	58,00	70
D551072	87,15	67,00	72
D551075	87,15	67,00	75
D551078	87,15	67,00	78
D551080	87,15	67,00	80
D551082	99,75	77,00	82
D551085	99,75	77,00	85
D551088	99,75	77,00	88
D551090	99,75	77,00	90
D551092	144,30	86,00	92
D551095	144,30	86,00	95
D551098	144,30	86,00	98
D5510100	144,30	86,00	100

On request available with RDT.

GO/NG LIMIT PLUG GAUGES SET

GO/NG limit plug gauges set in hardened steel. Tolerance H7.

Supplied in wooden case.



CODE	L21	HT	Composition Ø mm	Pieces n°
D551615	891,45	620,00	32 - 34 - 35 - 36 - 38 - 40 - 42 - 44 - 46 - 48 50 - 52 - 55 - 58 - 60	15
D551626	824,25	640,00	3 - 4 - 5 - 6 - 7 - 8 - 10 - 11 - 12 - 13 - 14 - 15 - 16 - 17 18 - 20 - 21 - 22 - 23 - 24 - 25 - 26 - 27 - 28 - 29 - 30	26

On request available with RDT.

COARSE PITCH THREADED GAUGES

Hardened steel.



CODE	L21	HT	Ø for pitch	Tolerance	Gauges	Type
D5520T204	56,70	44,00	2 x 0,4	6H	Plug	P/NP
D5520AP204	81,90	63,00	2 x 0,4	6G	Ring	P
D5520ANP204	81,90	63,00	2 x 0,4	6G	Ring	NP
D5520T2,5045	56,70	44,00	2,5 x 0,45	6H	Plug	P/NP
D5520AP2,5045	81,90	63,00	2,5 x 0,45	6G	Ring	P
D5520ANP2,5045	81,90	63,00	2,5 x 0,45	6G	Ring	NP
D5520T305	43,05	33,00	3 x 0,5	6H	Plug	P/NP
D5520AP305	47,25	36,00	3 x 0,5	6G	Ring	P
D5520ANP305	47,25	36,00	3 x 0,5	6G	Ring	NP
D5520T407	40,95	31,00	4 x 0,7	6H	Plug	P/NP
D5520AP407	45,15	35,00	4 x 0,7	6G	Ring	P
D5520ANP407	45,15	35,00	4 x 0,7	6G	Ring	NP
D5520T508	40,95	31,00	5 x 0,8	6H	Plug	P/NP
D5520AP508	45,15	35,00	5 x 0,8	6G	Ring	P
D5520ANP508	45,15	35,00	5 x 0,8	6G	Ring	NP
D5520T61	40,95	31,00	6 x 1	6H	Plug	P/NP
D5520AP61	45,15	35,00	6 x 1	6G	Ring	P
D5520ANP61	45,15	35,00	6 x 1	6G	Ring	NP
D5520T8125	40,95	31,00	8 x 1,25	6H	Plug	P/NP
D5520AP8125	45,15	35,00	8 x 1,25	6G	Ring	P
D5520ANP8125	45,15	35,00	8 x 1,25	6G	Ring	NP
D5520T1015	40,95	31,00	10 x 1,5	6H	Plug	P/NP
D5520AP1015	50,40	39,00	10 x 1,5	6G	Ring	P
D5520ANP1015	50,40	39,00	10 x 1,5	6G	Ring	NP
D5520T12175	40,95	31,00	12 x 1,75	6H	Plug	P/NP
D5520AP12175	50,40	39,00	12 x 1,75	6G	Ring	P

On request available with RDT.

CODE	L21	HT	Ø for pitch	Tolerance	Gauges	Type
D5520ANP12175	50,40	39,00	12 x 1,75	6G	Ring	NP
D5520T142	50,40	39,00	14 x 2	6H	Plug	P/NP
D5520AP142	67,20	52,00	14 x 2	6G	Ring	P
D5520ANP142	67,20	52,00	14 x 2	6G	Ring	NP
D5520T162	50,40	39,00	16 x 2	6H	Plug	P/NP
D5520AP162	67,20	52,00	16 x 2	6G	Ring	P
D5520ANP162	67,20	52,00	16 x 2	6G	Ring	NP
D5520T1825	71,40	55,00	18 x 2,5	6H	Plug	P/NP
D5520AP1825	78,75	61,00	18 x 2,5	6G	Ring	P
D5520ANP1825	78,75	61,00	18 x 2,5	6G	Ring	NP
D5520T2025	72,45	56,00	20 x 2,5	6H	Plug	P/NP
D5520AP2025	98,70	77,00	20 x 2,5	6G	Ring	P
D5520ANP2025	98,70	77,00	20 x 2,5	6G	Ring	NP
D5520T2225	72,45	56,00	22 x 2,5	6H	Plug	P/NP
D5520AP2225	98,70	77,00	22 x 2,5	6G	Ring	P
D5520ANP2225	98,70	77,00	22 x 2,5	6G	Ring	NP
D5520T243	72,45	56,00	24 x 3	6H	Plug	P/NP
D5520AP243	105,00	82,00	24 x 3	6G	Ring	P
D5520ANP243	105,00	82,00	24 x 3	6G	Ring	NP
D5520T273	99,75	77,00	27 x 3	6H	Plug	P/NP
D5520AP273	129,15	100,00	27 x 3	6G	Ring	P
D5520ANP273	129,15	100,00	27 x 3	6G	Ring	NP
D5520T3035	146,55	91,00	30 x 3,5	6H	Plug	P/NP
D5520AP3035	139,65	108,00	30 x 3,5	6G	Ring	P
D5520ANP3035	139,65	108,00	30 x 3,5	6G	Ring	NP

ALPA LITEsurf

PORTABLE ROUGHNESS TESTER



Bluetooth connection

€ 2.000,00

D7240LITE

+



JOINTED MAGNETIC KEY SWITCH HOLDER

D2516MEC80

FREE

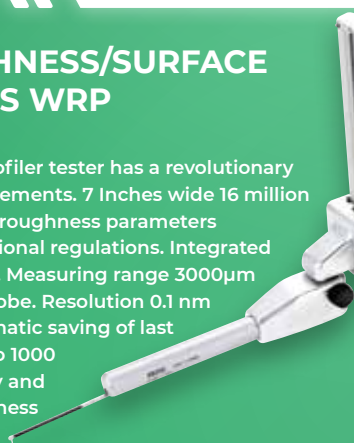
90° probe positioning for shoulder measurements

Measuring range	± 200 µm
Resolution	0,001 µm
Cut off	0,25 - 0,8 - 2,5 mm
Dimension	125 x 31 x 30
Travel lenght	up to 16 mm
8 parameters ISO 4287	Ra, Rq, Rt, Rz, Rc, Rmax, Rsm, Rpc
5 parameters ISO 12085	Pt, R, AR, Rx, PPc

ALPA WRP

PORTABLE ROUGHNESS/SURFACE PROFILER TESTERS WRP

This new roughness/surface profiler tester has a revolutionary approach to roughness measurements. 7 Inches wide 16 million colour touch screen display. 75 roughness parameters following the principle international regulations. Integrated CAD system for profile analysis. Measuring range 3000µm roughness and profilometry probe. Resolution 0.1 nm (0.0001 µm) on 3000 µm. Automatic saving of last 6 measure, manual saving up to 1000 measurements for profilometry and 4000 measurements for roughness (graphics+parameters).



€ 12.000,00

D7246RP

+



D7244STAT

STANDS FOR ROUGHNESS TESTERS

Measurement range	Z=3000 µm for roughness Z=3000 µm for profile tester
Resolution	0,1 nm (0,0001 µm) on ± 1500 µm
Cut-off lenght	0,08 - 0,25 - 0,8 - 2,5 - 8 mm
Cut-off number	from 1 to 20 cut-off (within 60mm)
Traverse lenght	X=60 mm
Interface	graphic 7" touch screen display

75 roughness parameters

ISO Ra, Rq, Rt, Rz, Rp, Rv, Rc, Rsk, Rku, RSm, RAq, RAa, RSc, Rmr, RPr, RLo, Rlr, Rzjs, RHSC, Pa, Pq, Pp, Pz, Psk, Pku, PSm, Pdq, Pdc, Ppc, Plo, Plr, PHSC, Wa, Wq, Wt, Wz, Wp, Wv, Wc, Wsk, Wku, WSm, Wdq, Wdc, Wpc, WLo, Wlr, WHSC, Rk, Rpk, Rvk, Mr1, Mr2, A1, A2, W, Wx, Rke, Rpk, Rvke, Mr1e, Mr2e, A1e, A2e, ISO 12085: Pt, R, AR, Rx, Wte, Aw, DIN 4768: Rmax, VDA2007: WDSm, WDC, WDI

- Pick-up: interchangeable inductive (only carbon tips)
- Languages: Italian, French, English, German, Spanish, Portuguese, Japanese, Chinese, Korean
- Memory: Up to 4000 roughness measurements and 1000 profilometry measurement

LUBRICANTS



BORON AND FORMALDEHYDE RELEASER FREE MINERAL FLUIDS



- Excellent compatibility with water hardness from 10 to 50 °f
- Excellent cleaning power of the machine tool and workpieces
- Excellent lubrication even in the most demanding situations
- Excellent anti-corrosive action
- Excellent cleaning of work areas
- Long emulsion life and excellent resistance to bacterial proliferation
- Excellent resistance to foam
- Appearance concentrated Amber
- Appearance emulsion Milky



UNITEC 2K STRONG
Hard waters and high pressures

APPLICATIONS	K	INOX	P <850	P <1200	Al	Mg	Cu	Ti	Recommended concentration
Grinding	○	○	○	○	○	○	○	○	/
Turning	●	●●●	●●●	●●	●	○	●●●	●●	5 - 8 %
Drilling	●	●●●	●●●	●●	●●	○	●●	●●●	5 - 10 %
Drilling, boring	●	●●	●●●	●●	●	○	●●●	●●	5 - 10 %

CODE	L21	HT	L	Refractometric factor	Density DIN 52757 Kg/L	pH (5%) DIN 51369	Storage temperature °C
H001120	485,64	130,00	20	1,0	0,950	9,35	5 - 40
H0011200	4.634,45	1.250,00	200	1,0	0,950	9,35	5 - 40

SLIDEWAY OILS

CODE	L21	HT	L	Viscosity at 40°C ASTM D445 cSt	Viscosity index	Density DIN 52757 Kg/L	Flash point ASTM D92 °C	Pour point °C
H201532B1	457,55	120,00	20	32	100	0,870	>220	-20
H201568T	40,88	31,00	5	68	101	0,880	>220	-21
H201568B1	443,40	109,00	20	68	101	0,880	>220	-21
H201568F	1.300,29	990,00	200	68	101	0,880	>220	-21
H2015220B1	460,45	122,00	20	220	101	0,895	>230	-10
H2015220F	4.468,35	1.118,00	200	220	101	0,895	>230	-10



TAPPING PASTE

The high adherence of the HI-THREAD paste allows perfect lubrication of the tool in any entry position.

Appearance	White
Viscosity at 40°C ASTM D445 cSt	2950
Density DIN 52757 kg/L	1,010
VOC g/L	0
Storage temperature °C	from 10 to 40

€ 12,00

H13260500





ADVANTAGES

- Easy to use
- Reduced costs
- Product tested before sale
- Rapid topping up
- Top-up precision



€ 1.119,00

H361812

The H361812 mixer is complete with a filter, pressure reducer, suction tube, stainless steel housing to prevent the product from accidental impact and 2 valves so that it is ready for use.

FLOW **LT/H 1.600**
WATER PRESSURE **BAR 0,7 - 8**
CONCENTRATION **% 1 - 10**



€ 799,00

H361810

HEAVY DUTY BELT OIL SKIMMERS

Ideal for tool machines, washing machines for pieces, condenser compressors and, in general, when it is necessary to separate the surface oil from the fluid below. Easy to apply even in tight spaces, it is the most advanced equipment for the mechanical removal of oil pollutants from the surface of coolant emulsions.

- reliable operation
- durability
- no maintenance

Tape mm	400 x 50
Mono- phase motor V - Hz	230 - 50/60
Power cable m	2 with plug 16A
IP	55
kg	6,5

€ 540,00

H4040N400



LTEC

Metalworking lubricants



LTEC Protex NS 80H

RUST PREVENTIVE OILS

ADVANTAGES:

- Protective product based with high quality standards
- Excellent degreasing properties and "dewatering" effect
- ASTM B117 with 90 hours of resistance
- Protection capacity for 15 months in the case of detachment inside
- Protection capacity for 9 months in the case of detachment outside

Appearance	Amber
Viscosity ASTM D445 at 40°C cSt	1,8
Flash point COC C	64
Pour point C	-24
Specific weight at 15°C kg/L	0,820
Protection	15 months (indoor) 9 months (outdoor)

CODE	L21	HT	L	Package
H211520	468,74	130,00	20	Can



Land OIL
technology

ANTI-SEIZE PASTES

CUPRO GREASE is an anti-seize and protective paste with ultrafine lamellar copper particles and special corrosion inhibitors.

Exceptional anti-adhesive and anti-rust performance.

Anti-seize agent in extreme conditions too: from mechanical machining done with insert tools to catenaries for ovens.

Operating temperature: -30° C +1100° C

Grade NLGI: 2

€ 4,99

H2636125

125 g

MRO



TOOL CABINETS WITH MRO ASSORTMENTS 154 TOOLS

WODEX

Safety
Control System



€ 1.240,00
7 DRAWERS - 1270289

Grand Prix
Smart Line



€ 990,00
7 DRAWERS - 1270288

Wooden top



€ 1.484,00
6 DRAWERS - 1270292

ABS top



€ 1.465,00
6 DRAWERS - 1270290

ABS top and
protective-edge profiles



€ 1.482,00
6 DRAWERS - 1270294

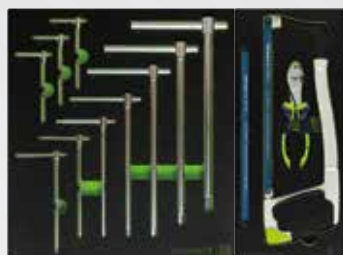
€ 1.615,00
8 DRAWERS - 1270293

€ 1.545,00
8 DRAWERS - 1270291

€ 1.616,00
8 DRAWERS - 1270295



WX1060/SE16 Combination wrenches
WX9503/SE2 Hammers and mallets no rebound



WX2700/SE10 Sliding t-handle hexagonal wrenches
WX9512/SE12 Cutting nippers and hacksaw



WX2180/SE39 Sockets 3/8"
WX2085/SE55 Sockets 1/4"
WX3750/SE4 Pliers and cutting nippers
WX9520/SE2 Hexagonal keys and stubby screwdriver



WX6620 Modular rechargeable led torches
WX4210/SE6 Screwdrivers for slotted and PH/PZ screws
WX9690/SE7 Measuring and cutting tools in set

154 TOOLS

WHEELED SERVICE TOOL CASES

PREMIUM QUALITY wheeled service tool case made polyethylene, injection molded, reinforced with an aluminum profile to withstand more shocks. Large capacity containers suitable for professionals with the need to carry manual tools, power tools or electronic instruments.

Features:

- 2 locks with key
- lid support stay
- telescopic handle
- 2 wheels with ball bearings
- bottom compartment with adjustable dividers
- rubber coated ergonomic handle
- document pocket
- 2 panels with elastic tool holders
- 2 drawers for small parts

NEW

€ 125,00

F705000



COMBINATION WRENCHES

Standard: DIN 3113 form A - ISO 7738 form A

Set of wrenches complete with practical roll-up fabric tool holder.

Composition:

WX1060
5,5-6-7-8-9-10-11-12-13-
14-15-16-17-18-19-20-21-
22-23-24-25-26-27-28-
29-30-32 mm

€ 150,00

E000627



HEXAGONAL L KEYS

Practical case PREMIUM QUALITY in bi-component material.

Composition:

WX2560
1,5 - 2 - 2,5 - 3 - 4
5 - 6 - 8 - 10 mm

€ 7,99

E229609



EXTRA LONG HEXAGONAL L KEYS WITH BALL POINT END

Practical case PREMIUM QUALITY in bi-component material.

Composition:

WX2580
1,5 - 2 - 2,5 - 3 - 4
5 - 6 - 8 - 10 mm

€ 13,00

E230809



SCREWDRIVER FOR TORX® SCREWS

Screwdrivers **PREMIUM QUALITY** for TORX® screws, blade in chrome satined vanadium steel, precision tips **BLACK-TIP** hardened with a surface hardness 58 ± 2 HRC and torque 20% higher than the normal DIN 8764. ERGOFORM hypoallergenic, anti-slip, soft and comfortable, made in SANTOPRENE® which guarantees the maximum resistance for quick and accurate work. Identification of the measurement of the head of the handle. Compliant with RoHS and REACH.



	L21	HT		
CODE	77,49	45,00	Pieces	Composition Ø mm
E337309 WX2940/S9	88,83	50,00	9	T8x75 - T9x75 - T10x100 - T15x100 T20x100 - T25x100 - T27x100 T30x100 - T40x100
E337311 WX2940/S11			11	T6x75 - T7x75 - T8x75 - T9x75 T10x100 - T15x100 - T20x100 T25x100 - T27x100 - T30x100 T40x100

SET OF SCREWDRIVERS FOR SLOTTED AND PHILLIPS® SCREWS



CODE	L21	HT	Pieces	Composition mm
E608805 WX4255/S5	38,14	16,00	5	⊕ WX4000 3x75 - 4x100 - 5,5x100 ⊕ WX4050 PH1x80 - PH2x100
E608807 WX4255/S7	44,52	29,00	7	⊕ WX4000 3x75 - 4x100 - 5,5x100 ⊕ WX4050 PH1x80 - PH2x100
E608808 WX4255/S8	44,52	29,00	8	⊕ WX4000 2,5x75 - 3x75 - 4x100 ⊕ WX4050 PH0x60 - PH1x80 - PH2x100
E608811 WX4255/S11	69,09	38,00	11	⊕ WX4000 2,5x75 - 3x75 - 3,5x100 ⊕ WX4050 PH0x60 - PH1x80 ⊕ WX4130 PZ0x60 - PZ1x80 - PZ2x100

NEW

RUBBER HAMMERS

PREMIUM QUALITY mallets in non-deformable rubber, ash wood handle.



CODE	L21	CODE	L21	Ø head mm	length mm	width mm	g
F543555	7,50	F543655	8,00	55	320	90	300
F543565	10,00	F543665	11,30	65	340	115	480

1000 VOLT VDE SCREWDRIVERS FOR SLOTTED AND PH SCREWS IN SET

Set of **PREMIUM QUALITY** screwdrivers with insulated blade and handle up to 1000 V DIN EN 60900 / VDE 0682-201. Chrome vanadium steel blades with precision hardened **BLACK-TIP**, surface hardness of 58 ± 2 HRC and torque 20% higher than DIN 8764. Hypoallergenic, anti-slip, soft and comfortable ERGOFORM handles made of SANTOPRENE® that guarantees maximum resistance for fast and accurate work. Size indication on the handle head



CODE	L21	HT	Pieces	Composition mm
E616807 WX4355/S7	37,47	21,50	7	⊕ WX4030 2,5x75 - 3,0x100 - 4,0x100 ⊕ WX4130 PZ0x60 - PZ1x80 - PZ2x100
E616808 WX4355/S8	43,46	23,50	8	⊕ WX4030 2,5x75 - 3,0x100 - 4,0x100 ⊕ WX4130 PZ0x60 - PZ1x80 - PZ2x100 ⊕ WX4190 3,0x70 mm Cercafase

ADJUSTABLE PLIERS FOR TUBES AND NUTS
NEW
STANDARD DIN ISO 8976

Adjustable pliers **PREMIUM QUALITY** with double guide-pass through hinge, for tubes and nuts made of forged chrome-vanadium steel, phosphated finish. Shaped and toothed jaws induction hardened to approx. 58 HRC. Safety stop against crushing injuries

Features:

Length 250mm
Max opening 36mm

€ 9,00
F0515250

- Simple 7 position adjustment
- Soft and comfortable non-slip handles


€ 7,00
F0517250

- Simple 6 position adjustment


SET OF UNIVERSAL AND ADJUSTABLE PLIERS

Set of **PREMIUM QUALITY** pliers in chrome molybdenum steel containing a pair of universal combination pliers, a pair of adjustable pliers with fine adjustment and a pair of self-locking pliers with concave jaws for clamping flat and round materials.

€ 35,00
F008703
Composition:

WX3050 Universal pliers 180 mm
WX3300 Adjustable pliers 250 mm
WX3350 Adjustable self-locking pliers 240 mm



PLIERS FOR INTERNAL AND EXTERNAL CIRCLIPS IN SET

STANDARD DIN ISO 5256 - 5254
Straight nose pliers **PREMIUM QUALITY** in chrome-vanadium steel. The non-slip tip angle allows the circlip to stick firmly to the tips during compression.

Comfortable and resistant handles in Soft-tex vinyl.

NEW


WX3402/S4



WX3407/S4



WX3412/S4



WX3417/S4



BOX



CODE		L21	Pieces	Composition	Form
F041804	WX3402/S4	49,00	4	Pliers for internal circlips - straight nose Ø 8-13 - Ø 12-25 - Ø 19-60 - Ø 40-100 mm	C
F043304	WX3407/S4	52,00	4	Pliers for Internal circlips - bent nose 90° - Ø 8-13 - Ø 12-25 - Ø 19-60 Ø 40-100 mm	D
F045804	WX3412/S4	55,00	4	Pilers for external circlips - straight nose Ø 3-10 - Ø 10-25 - Ø 19-60 - Ø 40-100 mm	A
F047804	WX3417/S4	59,00	4	Pilers with external circlips - bent nose 90° - Ø 3-10 - Ø 10-25 - Ø 19-60 - Ø 40-100 mm	B

UNIVERSAL COMBINATION PLIERS VDE INSULATED 1000 VOLTS IN SET

Set of universal combination pliers **PREMIUM QUALITY** isolated up to 1000V DIN EN 60900 / VDE 0682-201, hypoallergenic ERGOFORM handles, non-slip, soft and comfortable. Compliant with RoHS and REACH

Composition:

WX3060 Universale pliers VDE 180 mm
WX3210 Half round bent nose pliers VDE 200 mm
WX3610 Diagonal cutting nippers VDE 160 mm

€ 38,00

F010203



BOLT CUTTERS

Bolt cutters **PREMIUM QUALITY** with chrome-vanadium steel blades, forged and tempered.

- Surface hardness of cutting edges 62 H
- Cutting force up to 48 HRC - recommended up to 40 HRC
- Simple and precise adjustment of the blades thanks to the eccentric screws
- Lever handles in tubular steel with ergonomic movement
- Comfortable and non-slip handles in plastic material

CODE	F23050460	F23050620
HT	42,00	55,00
Length mm	460	620
19 HRC Ø max mm	8	9
40 HRC Ø max mm	7	8
48 HRC Ø max mm	5	7



SHEARS FOR SHEET METAL AMERICAN MODEL

Shears for sheet metal **PREMIUM QUALITY** American model in hot forged steel. Induction hardened straight blades (R = 600 N/mm²) suitable for through cuts.

Comfortable and resistant handles in PVC.



CODE	F2495200	F2495250	F2495300	F2495350
HT	10,80	14,50	18,00	24,50
Length mm	200	250	300	350
Blade mm	48	58	75	95
Cutting value 400 N/mm² max mm	1	1,2	1,5	1,5
Cutting value 600 N/mm² max mm	0,7	0,8	1	1
Weight g	280	490	750	1100

CUTTERS WITH SNAP-OFF BLADES

Cutters with snap-off blades 18 mm **PREMIUM QUALITY** robust and resistant metallic structure, anti-slip ergonomic grip handle in zinc alloy with TPR Inserts Soft-Grip.

Features:

- Container of 3 replacement blades integrated in the handle
- High quality blades in carbon steel SK2 extremely sharp and long duration

€ 7,00

F368018



SNAP-OFF BLADES STEEL SK2

Package of 10 snap-off blades 18 mm **PREMIUM QUALITY** in carbon steel SK2 Extremely sharp and long duration.

Material: Steel SK2

€ 1,99

F369910



SNAP-OFF BLADES C95

Package of 18 snap-off blades in steel **PREMIUM QUALITY** Made in Germany. Extremely precise sharpening for a clean cut without burrs.

Material: C95

€ 3,50

F370110



PIN PUNCHES

Pin punches **PREMIUM QUALITY** made of tool steel hardened to ≥ 58 HRC. The specially treated head prevents chipping and complies with DIN 7255.

The precise chrome plating ensures high protection against corrosion and the painted colour coding means that they can be selected quickly and easily.

F452206



F452406



CODE		L21	Composition
F452206	WX4948/S6-PS	22,00	WX4948 2x150 - 3x150 - 4x150 - 5x150 - 6x150 - 8x150 mm
F452406	WX4948/S6-MC	30,00	WX4948 3x150 - 4x150 - 5x150 - 6x150 - 8x150 - 10x150 mm





CORDLESS SCREWDRIVER DRILLS 12V M12BDD-201C

This M12 BDD-202C compact drill driver measures 187 mm in length, making it ideal for working within confined spaces. The REDLINK™ electronics protect the tool and the battery pack from overload by monitoring the individual cells. The REDLITHIUM™ battery provides superior pack construction to deliver more run time and longer battery life. 10 mm quick-change keyless metal chuck. Ergonomic handle for better control and improved grip. Flexible 12V battery system works with all Milwaukee M12 batteries.

Battery tension V	12
Battery capacity Ah	2
Battery type	Li-ion
Ø Max. drilling - Wood mm	22
Ø Max. drilling - Steel mm	10
Max torque Nm	30
Quick clamping chuck mm	10
Speed settings	2
Speed 1 Rpm	0 - 400
Speed 2 Rpm	0 - 1500
Weight (with battery) kg	1,2



€ 99 ,00
N402312V

- 1 x batteries 12V of 2 Ah
- 1 x Battery charger
- 1 x Case



ELECTRIC ANGLE GRINDERS WSC 7-115

Compact and handy angle grinders for simple cutting and sanding work. Lateral switch and small handle, metal head rotating in 90 °steps to work even in very tight spots. Increased security thanks to the integrated restart interlock device. Lock button of the tool holder shaft.

Included:
Protection cap
Pair of flanges
Handle
Key

Power supply V	230 - 50 Hz
Rated power consumption W	760
No-load speed Rpm	12500
Ø Grinding wheelsa mm	115
Ø Pad mm	115
Ø hole brushes max mm	70
Threaded shaft coupling	M 14
Weight Kg	1,7



€ 59 ,00
N4203115

TYROLIT
NEW

FLAT CUTTING DISCS FOR NON-FERROUS MATERIALS



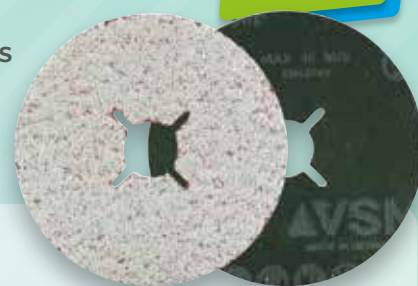
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			●	●	

CODE	L21	Ø mm	Specification	
G031411510	1,92	115 x 1,0 x 22,23	A60N-BFP	25
G031411516	1,92	115 x 1,6 x 22,23	A46N-BFP	25
G031412510	2,16	125 x 1,0 x 22,23	A60N-BFP	25
G031412516	2,08	125 x 1,6 x 22,23	A46N-BFP	25

VSM
NEW

FIBER DISCS STEARATE CERAMICS

Ideal for aluminium
and in the removal
of calamine



P	M	K	N	S	H
○	●	●	●		

CODE	L21	Ø mm	Grit	
G2123115036	1,46	115	36	50
G2123115060	0,98	115	60	50
G2123125036	1,63	125	36	50
G2123125060	1,08	125	60	50

WRK

HIGH PERFORMANCE FLAP DISCS

Zirconium and
corundum
admixture



RED DRAGON

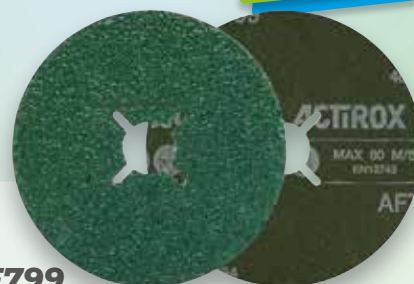
P	M	K	N	S	H
●	○	○	●		

CODE	L21	HT	Ø mm	Grit	
G1205115040	4,35	2,60	115 x 22,2	40	15
G1205115060	4,35	2,60	115 x 22,2	60	15
G1205125040	4,75	2,85	125 x 22,2	40	15
G1205125060	4,75	2,85	125 x 22,2	60	15

VSM
NEW

FIBRE DISCS

Exceptional
removal
Long lasting



ACTIROX AF799

P	M	K	N	S	H
●	○	○	○		

CODE	L21	Ø mm	Grit	
G212611536	1,62	115	36	50
G212612536	1,72	125	36	50
G212618036	3,38	180	36	50

WRK

ABRASIVE CLEAN & FINISH ROLLS



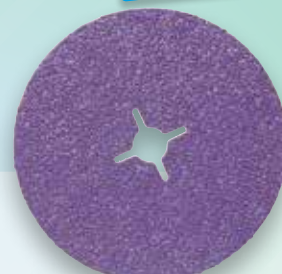
P	M	K	N	S	H
●	●	●	●	●	○

CODE	L21	HT	Dimension mm	Grit	
G3630AC	89,59	48,30	120 x 10.000	A/COARSE	
G3630AM	67,78	40,67	120 x 10.000	A/MEDIUM	
G3630AF	56,99	34,16	120 x 10.000	A/FINE	
G3630AV	56,22	33,73	120 x 10.000	A/VFINE	

3M
NEW

FIBRE DISCS CUBITRON II 982 CX PRO

Latest generation of Cubitron



CUBITRON II 982 CX PRO

P	M	K	N	S	H
●	○	○	○		

CODE	L21	Ø mm	Grit	
G2181115036	1,76	115 x 22,23	36	100
G2181125036	1,85	125 x 22,23	36	100
G2181180036	3,59	180 x 22,23	36	100

**NEW****€ 393 ,40**

J4165030CR

**AIR OPERATED GREASE PUMP
FOR 20 - 30 KG DRUMS**

Grease transfer kit
Available with or without trolley
Compression ratio 50:1
Flow rate 1500 g/min
Tube M/F 1/4" - 4 m - 400 bar

**€ 596 ,00**

J4167200CR

**AIR OPERATED GREASE PUMP
FOR 180 - 200 KG DRUMS**

Grease transfer kit
Complete with drum cover and follower plate.
Rapporto di compressione 50:1
Flow rate 1500 g/min
Tube M/F 1/4" - 4 m - 400 bar

**LITEC Litio Grease EP****MULTIPURPOSE GREASES**

Multi-purpose grease LITIO GREASE EP is a lubricant with a high mechanical stability and the ability to maintain its consistency during use.

LITIO GREASE EP is a lubricating grease based on highly refined mineral oils and lithium soaps.

LITIO GREASE EP is a multi-purpose grease. Its formation and specific additives resist moisture and preserve metal surfaces from wear.

LITIO GREASE EP is a multi-purpose grease recommended for lubricating rolling surfaces in steel and paper mills, electric motors, compressors, pumps, textile machines, winches, conveyor belts bitumen mixers, excavators, finishing machines, rod mills, cylinder mills, centrifugal loaders etc.

NLGI 2 consistency
Weight kg 18,5

€ 170 ,00

H2200EP2T

LIQUID VACUUM CLEANERS

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

Standard accessories included



**IMMEDIATE AVAILABILITY
 SPARE PARTS AND SUPPORT
 MADE IN ITALY**

Code	L21	HT	Tank Lt	Electric motors N°	Tension V	Depression mm/H2O	Air capacity m³/h	Dimensions cm	Weight Kg
N590001	249,45	155,00	25	1	230	2200	180	34 x 34 x 64h	6
N591001	282,45	205,00	35	1	230	2200	180	40 x 40 x 77h	10
N592001	323,40	245,00	50	1	230	2400	220	47 x 47 x 93h	20
N593001	644,10	465,00	70	2	230	2200	360	60 x 59 x 105h	22

WODEX

SELF-TILTING SCRAP HOLDERS



CODE	L21	HT	Model	Capacity kg	Weight Kg	A x B x C mm	D mm	E mm	Inclination °
P4511280	774,90	690,00	lt - 280	600	80	970 x 750 x 890	700	790	25,1
P4511300	829,50	750,00	lt - 300	600	102	1350 x 820 x 650	490	520	63,5
P4511500	995,40	860,00	lt - 500	1000	130	1350 x 920 x 910	700	740	57,6
P4511750	4.440,90	970,00	lt - 750	1350	152	1350 x 1070 x 1040	825	800	49,6
P45111000	4.240,95	1.100,00	lt - 1000	1700	181	1550 x 1070 x 1210	970	920	54

SAFETY SHOES
NEW

STREET
€ 56,00

K1640


HIT 425
€ 60,00

K1642


DIKE
SAFETY SHOES
NEW

**PRIMATO
PREMIUM**
€ 85,00

K1706


**AGILITY
ADVANCED**
€ 65,00

K1681


FOOTWEAR ICONS LEGEND

Safety rating
S1P

Steel
midsole

Energy absorbing
heel

Safety rating
S3

Antistatic
footwear

200 joule
toe cap

Non-slip
tread

Oil resistant
sole

Dynamic impermeability
of the uppers

Electrostatic discharge
protection

Breathable leather
upper

K1640	K1642	K1706	K1681	EU	US
K164038	K164238	K170638	K168138	38	5,5
K164039	K164239	K170639	K168139	39	6
K164040	K164240	K170640	K168140	40	7
K164041	K164241	K170641	K168141	41	8,5
K164042	K164242	K170642	K168142	42	9
K164043	K164243	K170643	K168143	43	10
K164044	K164244	K170644	K168144	44	10,5
K164045	K164245	K170645	K168145	45	11
K164046	K164246	K170646	K168146	46	11,5
K164047	K164247	K170647	K168147	47	12

WODEX

NEW

T-SHIRT

T-shirt color blue navy.
Wodex RAL6018 logo
100% cotton fabric 135 g/m².
Single bag.



CODE	L21	Size	EU	
K0670M	5,50	M	48/50	5
K0670L	5,50	L	52	5
K0670XL	5,50	XL	54/56	5
K0670XXL	5,50	XXL	58/60	5

ONE PIECE DISPOSABLE OVERALLS WITH HOOD

NEW



TIPO 5B



TIPO 6B



Classe 2



TIPO 5



TIPO 6



CODE	L21	CODE	L21	HT	Size	
-		K3204M	44,55	5,50	M	5
K3205L	8,50	K3204L	44,55	5,50	L	5
K3205XL	8,50	K3204XL	44,55	5,50	XL	5
K3205XXL	8,50	K3204XXL	44,55	5,50	XXL	5

NEW



EN166
EN175
EN169

WELDING GLASSES

Protective glasses in soft and heat-resistant material, lens colour Green IR5 Glass. Protects from impacts, UV rays, infrared rays (IR) and glare generated by welding processes. EN166, EN169, EN175

CODE	K41111100
HT	4,40
Filter	5 - for welding
Optical Class	Class 1
Protection VS Impact	F(S) Low energy impact and increased robustness
Optional req.	T - impact resistance at extreme temperatures -5° + 55° C (T) 10

NEW



EN 352-2

3M HEADPHONES

Easy-to-replace, sound absorbing pads and inserts, maximum hygiene. Large internal space of the cups which reduces the formation internal humidity and temperature. East-to-replace, sound - Suitable for particularly noisy environments characterized by low frequencies.

CODE	K4308100
HT	29,00
Frequency Hz	H - M - L - SNR
Attenuation dB	40 - 32 - 23 - 35

WRK**GLOVES IN CONTINUOUS POLYESTER WIRE COATED IN POLYURETHANE**

Polyurethane coated palm, stretch knit wrist, ventilated back, recommended for precision tasks where high sensitivity is required. Black color.

**€ 1,00**

K2310



4131X



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

WRK**GLOVES IN CONTINUOUS NYLON WIRE COATED IN POLYURETHANE**

Polyurethane coated palm, stretch knit wrist, ventilated back, recommended for precision tasks where high sensitivity is required. White color.

**€ 0,90**

K2314



4131X



CODE	K231406	K231407	K231408	K231409	K231410
Size	S	M	L	XL	XXL
Size EU	6	7	8	9	10
			12		

Ansell**POLYESTER GLOVES COATED IN NITRILE EDGE®****NEW**

4121A



CODE	L21	Size	EU	
K242308	1,40	M	8	1
K242309	1,40	L	9	1
K242310	1,40	XL	10	1

NYLON GLOVES SPANDEX COATED IN MICROPOROUS NITRILE**NEW**

4121X



CODE	L21	Size	EU	
K230208	2,85	L	8	1
K230209	2,85	XL	9	1
K230210	2,85	XXL	10	1

DISPOSABLE GLOVES IN EMBOSSED NITRILE

JKPT

VIRUS



CODE	HT	Size	EU	
K251308	17,00	M	8	1
K251309	17,00	L	9	1
K251310	17,00	XL	10	1

3M**FILTERING RESPIRATORS****NEW**

FFP2

FFP3 with valve



EN 149

A10253102201

K534310

1,30

1000



EN 149

K534410

3,40

300

PRECISION
TOOLING
p 04METROLOGY
p 18LUBRICANTS
p 24MRO
p 28HANDLING
p 44

LISTA

CABINETS WITH SHEET METAL DOORS



Capacity 500 kg

4 Shelves 60 kg

With key lock

CODE	L21	HT	Dimension mm	Colour
P3053B01	567,99	445,00	1000 x 500 x 1950h	RAL 5012
P3053B02	567,99	445,00	1000 x 500 x 1950h	RAL 7035

LISTA

CABINETS FOR COMPUTERS WITH WHEELS 36 X 36 E



- Monitor compartment completely removable draws from 75 mm
- Cabinet for hardware with doors and lock included
- 4 socket power connection (230 V) with a switch with a indicator light
- Integrated fan
- Power cable of 5 m long
- Opening in the back part with removable cover

CODE	L21	HT	Dimension mm	Colour
P306601	4.788,97	1.380,00	717 x 725 x 1837h	RAL 5012

LISTA

CABINET DRAWERS 54 X 36 E



- Total drawers extraction
- Anti-tip device
- Script list labeling system
- Central key lock

- 7 drawers of 200 kg:
1 x 50 mm
2 x 75 mm
2 x 100 mm
1 x 200 mm
1 x 300 mm

CODE	L21	HT	Dimension mm	Colour
P2125B01	4.742,44	1.300,00	1023 x 725 x 1000h	RAL 5012
P2125B02	4.742,44	1.300,00	1023 x 725 x 1000h	RAL 7035

LISTA

CABINET DRAWERS 36 X 36 E



- Total drawers extraction
- Anti-tip device
- Script list labeling system
- Central key lock

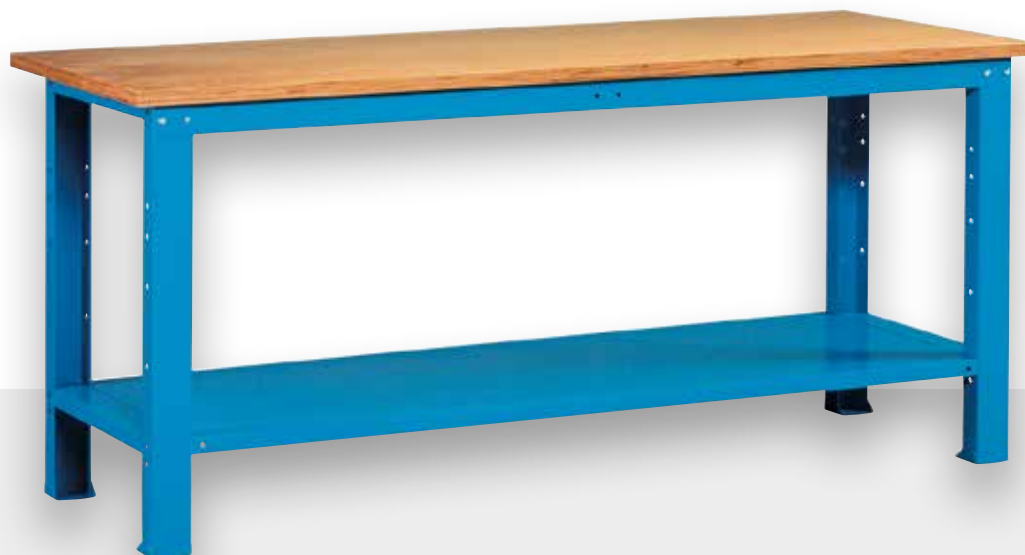
- 7 drawers of 75 kg:
1 x 50 mm
2 x 75 mm
2 x 100 mm
2 x 150 mm
1 x 200 mm

CODE	L21	HT	Dimension mm	Colour
P2122D01	4.258,32	940,00	717 x 725 x 1000h	RAL 5012
P2122D02	4.258,32	940,00	717 x 725 x 1000h	RAL 7035

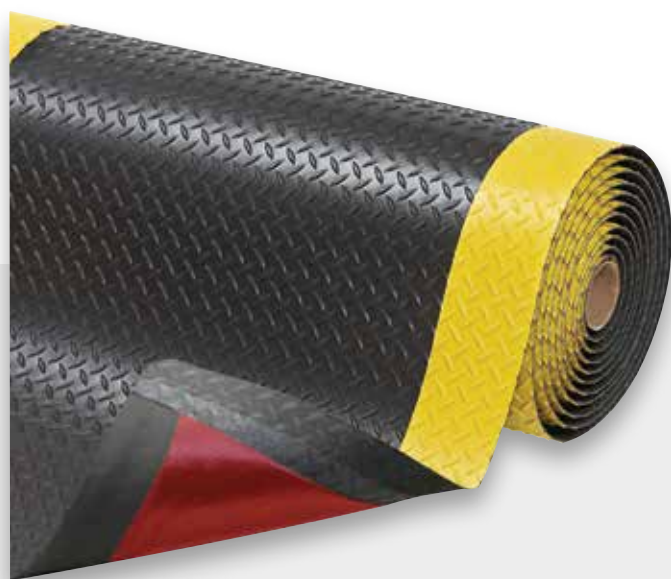
INDUSTRIAL FURNITURE

WOODEN TOP WORKBENCHES

- Multiplex wood top 30mm thick
- Designed to accommodate drawers and cabinets
- Bolted structure colore Blue Ral 5012
- Supplied disassembled



CODE	L21	HT	Dimension mm	Capacity kg	Weight kg	Colour
P00251000	234,42	190,00	1024 x 750 x 880h	1000	45	RAL 5012
P00251500	284,13	230,00	1500 x 750 x 880h	1000	65	RAL 5012
P00252000	345,45	285,00	2000 x 750 x 880h	1000	115	RAL 5012



Justrite.

ANTI-FATIGUE MATS PVC

The anti-fatigue mat has a hard-wearing 14 mm thick base consisting of a wear-resistant surface bonded to an elastic microcellular vinyl backing to ensure maximum durability, comfort, cushioning and the absence of vibration. The rhombus structure provides traction and allows it to bend more easily. The design and the composition of the materials make it the most versatile solution for fatigue relief in both static and dynamic working positions. R10 slip rating according to standards DIN 51130 and BGR181. With RedStop™ slip-resistant backing to prevent sliding. Available with yellow borders along the sides to comply with OSHA 1910-144 directive and bevelled edges on all four edges to minimize risk of tripping. Free from DOP, DMF, ozone depleting substances, silicone or heavy metals.

CODE	L21	HT	Dimension mm	Thickness mm	Weight kg/m ²	Classification	Material	Colour
P7630NG10	75,60	60,00	60 x 91	14	5,5	Bfl-S1	PVC	Black-yellow
P7630NG20	227,85	175,00	91 x 150	14	5,5	Bfl-S1	PVC	Black-yellow
P7630NG40	2.050,00	1.550,00	60 x 2280	14	5,5	Bfl-S1	PVC	Black-yellow

HANDLING



B·HANDLING 3

KIT FOR LATHE AND MACHINING CENTRE



ROUND COLUMN MOUNTED JIB CRANE WITH GIS SYSTEM KB PROFILE ARM

M125002005000

CODE	L21	HT	Capacity kg	Model	Arm length C mm	Outermost position of hook B mm	A mm	F mm	G mm	Q mm	S mm	D mm	Hook height from ground - Y mm	Foundation type	Extension type	Anchoring tie rod traction kg
M125002005000	2.049,45	1.600,00	200	SC200/5000 TER	5000	4855	300	3385	4000	560	560	330	2900	8	1A	2400 345

ELECTRIC CHAIN HOISTS - GP

M00052001NF

CODE	L21	HT	Capacity kg	Model	Class FEM (ISO)	Speed m/min	Nr. chain falls	Excursion m	Power kW	Intensity A	kg
M00052001NF2	4.935,45	1.500,00	200	GP250/1NF	3m (M6)	8/2	1	3	0,72 / 0,18	2,8 / 1,7	24

LIFTING MAGNETS - NEO

M8020250

CODE	L21	HT	Model	Lifting pow. plate surf. kg	Lifting pow. round surf. kg	Ø min liftable mm	Ø max liftable mm	Eyebolt height mm	Length x width mm	kg
M8020250	694,95	399,00	NEO250	250	125	60	200	164	152 x 100	10

ANCHORING KIT

M1230KIT1

CODE	L21	HT	Description
M1230KIT1	75,60	50,00	Kit consisting of screws and chemical fixing (minimum resistance 250 daN cm ²)

€ 3.400 ,00

1301567



FOR FREE
WITH THE HOIST

M0990DT
CYCLE COUNTERS FOR HOISTS GP - GCH BOARD

B·HANDLING 3

KIT FOR BAND SAW



ROUND COLUMN MOUNTED JIB CRANE WITH GIS SYSTEM KB PROFILE ARM

M125005005000

CODE	L21	HT	Capacity kg	Model	Arm length C mm	Outermost position of hook B mm	A mm	F mm	G mm	Q mm	S mm	D mm	Hook height from ground - Y mm	Foundation type	Extension type	Anchoring tie rod traction kg
M125005005000	2.560,95	2.000,00	500	SC500/5000 TER	5000	4720	350	3140	4000	740	620	400	2650	13	2	2660 490

ELECTRIC CHAIN HOISTS - GP

M00055002NF

CODE	L21	HT	Capacity kg	Model	Class FEM (ISO)	Speed m/min	Nr. chain falls	Excursion m	Power kW	Intensity A	kg
M00055002NF	2.095,80	1.600,00	500	GP250/2NF	2m (M5)	4/1	2	3	0,72 / 0,18	2,8 / 1,7	25

WEB LIFTING SLINGS

M7320

CODE	L21	HT	Colour	S mm	L m	Direct pull	Loop type	Parallel basket	Basket β ≤ 45°	Basket β ≤ 60°
M73201000X2	42,48	9,00	PURPLE	50	2,0	1000	800	2000	1400	1000
M73201000X3	45,65	12,00	PURPLE	50	3,0	1000	800	2000	1400	1000

ANCHORING KIT

M1230KIT5

CODE	L21	HT	Description
M1230KIT1	297,15	200,00	Kit consisting of screws and chemical fixing (minimum resistance 250 daN cm ²)

€ 3.600 ,00

1301568



FOR FREE
WITH THE HOIST

M0990DT
CYCLE COUNTERS FOR HOISTS GP - GCH BOARD

B·HANDLING 3

KIT FOR MEDIUM-LIGHT METALWORKING



ROUND COLUMN MOUNTED JIB CRANE WITH GIS SYSTEM KB PROFILE ARM

M125005005000

CODE	L21	HT	Capacity Kg	Model	Arm length C mm	Outermost position of hook B mm	A mm	F mm	G mm	Q mm	S mm	D mm	Hook height from ground - Y mm	Foundation type	Extension type	Anchoring tie rod traction kg
M125005005000	2.560,95	2.000,00	500	SC500/5000 TER	5000	4720	350	3140	4000	740	620	400	2650	13	2	2660 490

ELECTRIC CHAIN HOISTS - GP

M00055002NF

CODE	L21	HT	Capacity kg	Model	Class FEM (ISO)	Speed m/min	Nr. chain falls	Excursion m	Power kW	Intensity A	kg
M00055002NF	2.095,80	1.600,00	500	GP250/2NF	2m (M5)	4/1	2	3	0,72 / 0,18	2,8 / 1,7	25

VERTICAL LIFTING CLAMPS

M70201000

CODE	L21	HT	Model	Portata kg Capacity	Opening mm	S mm	T mm	U mm	V mm	W mm	X mm	Y mm	kg
M70201000	472,50	350,00	1 TSU	1.000	0 - 25	56	50	292	141	37	47	15	3,8

ANCHORING KIT

M1230KIT5

CODE	L21	HT	Description
M1230KIT1	297,15	200,00	Kit consisting of screws and chemical fixing (minimum resistance 250 daN cm ²)

€ 3.900 ,00

1301570



FOR FREE
WITH THE HOIST

M0990DT
CYCLE COUNTERS FOR HOISTS GP - GCH BOARD

B·HANDLING 3

MOULDING OF PLASTIC MATERIALS

MOULD MAINTENANCE



MOBILE ELEVATING PLATFORMS

M9210500



- Solid steel painted structure
- Foot pump with pump cylinder and piston rod of hard chrome
- 2 fixed wheels - 2 swivel wheels with brake
- Manual lowering lever control

Capacity kg 500
Platform mm 815 x 500
Min- Max height mm 290 - 870
kg 84

CODE	L21	HT
M9210500	733,95	550,00



ELECTRIC ELEVATING PLATFORMS

M92301000



- Solid steel painted structure
- Operations of up and down are activated through the relevant buttons
- An excess flow valve controls the speed of descent of different loads
- Perimeter protection placed under the lifting platform, if during descent there are impediments the table is stopped

Capacity kg 1000
Lifting time sec. 25
Load upward speed mm/s 40
Load downward speed mm/s 35
Electric motor kW 0,75 three - phase
Dimension mm 800 x 1300
Min- Max height mm 190 - 1010
kg 220

CODE	L21	HT
M92301000	2.934,75	2.300,00



MOBILE ELEVATING PLATFORMS WITH ROLLERS

M92500500



- Solid steel painted structure
- Foot pump with pump cylinder and piston rod of hard chrome
- 2 fixed wheels - 2 swivel wheels with brake
- Manual lowering lever control
- Roller with mechanical stops on both ends to move loads easily along the table

Capacity kg 500
Platform mm 815 x 500
Min- Max height mm 350 - 930
kg 100

CODE	L21	HT
M92500500	4.488,60	950,00

TOP *TIPS*

+



C0041
p 14



A4057
p 10



D7240
p 23

+



H2636
p 27



B3P10
p 11



B3F08
p 11



P4511
p 38

+



A0040
p 06



A2103
p 8



D5516
p 22



H0011
p 25

+



G4308
p 40



N4203
p 35



G0314
p 36



P0025
p 43



P7320
p 38

+



M1250
p 45



M0005
p 45



M8020
p 45



P2310
p 41



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