



IRIMO

CATALOGUE 2014



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1. TOOL STORAGE

Tool trolleys

5 DRAWERS TOOL TROLLEY



- 5 drawer trolley
- Large capacity heavy duty construction trolley
- Double wall frame protects the slides and drawers from shocks/ crashes
- Reinforced areas to reduce stress in specific points of the trolley
- Long ball bearing slides with 100% opening drawers
- Click/detent closing system of drawers
- Strong and secure round type key and central locking mechanism
- Wheels of 125 x 30 mm with ball bearings and non-marking rubber outsurface:
 - 2 fixed
 - 2 swivel with brake
- Drawers internal dimensions:
 - (1 x) 543 x 445 x 53 mm
 - (2 x) 543 x 445 x 118 mm
 - (2 x) 543 x 445 x 184 mm

9064K-25	1	954x677x501	5	30x125	61

6 DRAWERS TOOL TROLLEY



- 6 drawer trolley
- Large capacity heavy duty construction trolley
- Double wall frame protects the slides and drawers from shocks/ crashes
- Reinforced areas to reduce stress in specific points of the trolley
- Long ball bearing slides with 100% opening drawers
- Click/detent closing system of drawers
- Strong and secure round type key and central locking mechanism
- Wheels of 125 x 30 mm with ball bearings and non-marking rubber outsurface:
 - 2 fixed
 - 2 swivel with brake
- Drawers internal dimensions:
 - (3 x) 543 x 445 x 53 mm
 - (2 x) 543 x 445 x 118 mm
 - (1 x) 543 x 445 x 249 mm

9064K-26	1	954x677x501	6	30x125	65

7 DRAWERS TOOL TROLLEY

- 7 drawer trolley
- Large capacity heavy duty construction trolley
- Double wall frame protects the slides and drawers from shocks/ crashes
- Reinforced areas to reduce stress in specific points of the trolley
- Long ball bearing slides with 100% opening drawers
- Click/detent closing system of drawers
- Strong and secure round type key and central locking mechanism
- Wheels of 125 x 30 mm with ball bearings and non-marking rubber outsurface:
 - 2 fixed
 - 2 swivel with brake
- Drawers internal dimensions:
 - (5 x) 543 x 445 x 53 mm
 - (1 x) 543 x 445 x 118 mm
 - (1 x) 543 x 445 x 249 mm

9064K-27	1	954x677x501	7	30x125	68



4 DRAWERS TOP CHEST

- 4 drawer top chest
- Large capacity heavy duty construction top chest
- Double wall frame protects the slides and drawers from shocks/ crashes
- Reinforced areas to reduce stress in specific points of the top chest
- Long ball bearing slides with 100% opening drawers
- Click/detent closing system of drawers
- Strong and secure round type key and central locking mechanism
- Drawers internal dimensions:
(3 x) 543 x 445 x 53 mm
(1 x) 543 x 445 x 118 mm

9064K-14	1	398x677x501	4	33



1 MIDDLE TRAY FOR 9064K-02 ROLL CART



- 1 middle tray to be assembly in 9064K-02 roll cart
- Large capacity for storing small and bulky objects
- Manufactured and designed for easy and quick assembly
- Tray internal dimensions:
750 x 425 x 77 mm

9064K-02T	1	757x425x77	50	3.25

2 TRAYS ROLL CART



- 2 trays roll cart
- Large capacity trays for storing small and bulky objects
- Manufactured and designed for easy and quick assembly
- Aluminium U shape two structures
- Wheels of 25 x 100 mm with ball bearings and non-marking TPR outsurface:
2 swivel
2 swivel with brake
- Trays internal dimensions:
(2 x) 750 x 425 x 77 mm

9064K-02	1	759x432x1.025	150	759x432x77	50	25x100	19		

Metallic tool boxes

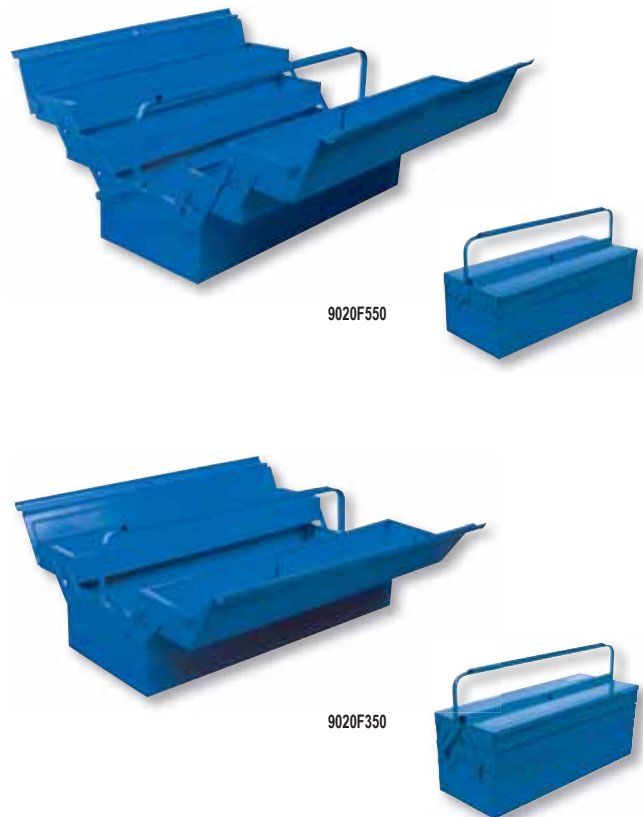
TWO HANDLE MODEL








- Cantilever style tool box with fixed handles that makes very easy the opening of the box
- Tube type handles are user friendly, specially if the box is very loaded
- Fix dividers in the top trays make the small pieces storage comfortable and easy
- Hinge system allows and easy opening of the lids and avoid dust to come in
- The box is lockable by using the holes included within the lids and a padlock
- All corners are grinded or are bended for avoiding any sharp corners
- Made of high degree metal sheet, ensures product performance and longevity

Q	Icon	mm	mm	kg
902021	1	400x210x190	3	3,4
902031	1	500x210x190	3	4,1
902131	1	500x210x245	5	5,4

FIXED HANDLE MODEL



- Cantilever style tool box with foldable handle that makes easy to stack on
- Tube type handle is user friendly, specially if the box is very loaded
- Fix dividers in the top trays make the small pieces storage comfortable and easy
- Riveted lids make the opening easy and avoid dust to come in
- The box is lockable by using the holes included within the lids and a padlock
- All corners are grinded or are bended for avoiding any sharp corners
- Made of high degree metal sheet, ensures product performance and longevity

Q					
9020F350	1	530x200x160	3	8	3,6
9020F550	1	530x200x200	5	10	4,7

Fabric bags

TOOL BAG WITH TUBULAR HANDLE



- 17" Open style bag for easy quick view and accessibility to the tools
- Soft bottom reinforced with plastic feet
- 11 different vertical side pouches for better tool organization
- Aluminum handle for strengthening the structure with foam grip
- Detachable shoulder strap with cushion on the adjustable shoulder part for easier transportation
- 600x300 Denier fabric ensures product performance and longevity
- Delivered folded

9022-1-16SB	1	440x210x310	21	15	1,5

TOOL BAG WITH TUBULAR HANDLE



- 19" Open style bag for easy quick view and accessibility to the tools
- Soft bottom reinforced with plastic feet
- Hard waterproof bottom
- 12 different vertical side pouches inside and outside for better tool organization and measuring tape holder
- Internal detachable panel with 10 pouches and elastics for tool holding
- Specific Velcro straps for spirit levels or any other long tools
- Aluminum handle for strengthening the structure with foam grip
- Detachable shoulder strap with cushion on the adjustable shoulder part for easier transportation
- 600x300 Denier fabric ensures product performance and longevity
- Delivered folded

9022-1-19HB	1	490x240x350	32	20	2,5

TOOL BAG WITH ZIP



- 16" bag with zip closing system for quick view and accessibility to the tools
- Hard waterproof bottom
- 10 external divers size pouches and 14 internal vertical pouches for better tool organization
- Some external pouches are covered for better protecting and a measuring tape holder is also included
- Detachable shoulder strap with cushion on the adjustable shoulder part for easier transportation when very loaded
- 600x300 Denier fabric ensures product performance and longevity

9022-2-16HB	1	420x240x300	24	18	1,2

TOOL BAG WITH ZIP



- 19" bag with zip closing system for quick view and accessibility to the tools
- Hard waterproof bottom
- 17 external divers size pouches and 14 internal vertical pouches for better tool organization
- Some external pouches are covered for better protecting and a measuring tape holder is also included
- Detachable shoulder strap with cushion on the adjustable shoulder part for easier transportation when very loaded
- 600x300 Denier fabric ensures product performance and longevity

9022-2-19HB	1	490x240x370	35	20	1,5



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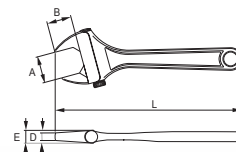
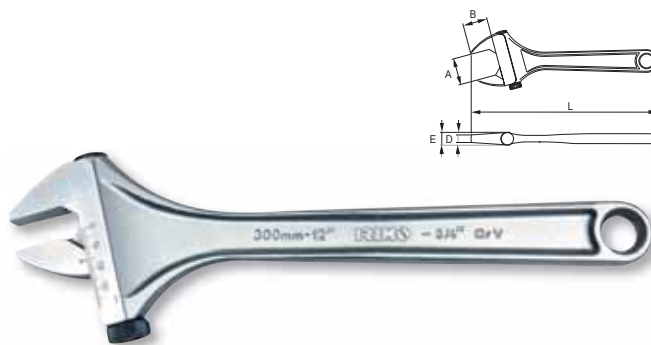
2. WRENCHES

Adjustable wrenches

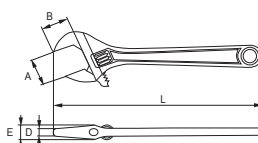
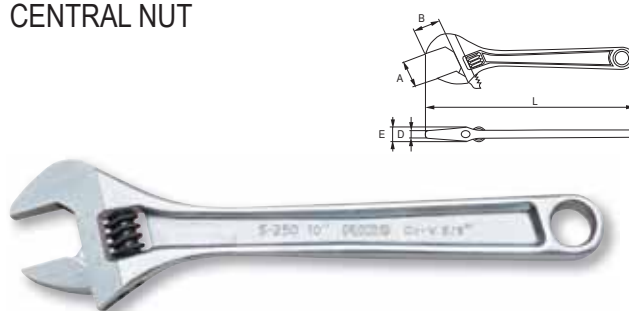
HEAVY DUTY ADJUSTABLE WRENCH

- Material: CrV
- Finish: Chrome-plated
- Hardness: 40-45 HRc
- Jaws angled at 15° to give good access even in confined spaces
- Standards: UNE 16532
ISO 6787
DIN 3117

R			A mm	B mm	D mm	E mm	L mm	g
001021	5	150 mm - 6" - 3/8"	21	18,5	6,5	12	155	140
001031	5	200 mm - 8" - 1/2"	29	26	8	14	205	290
001041	5	250 mm - 10" - 5/8"	34	32	9	17	255	510
001051	3	300 mm - 12" - 3/4"	39	36	10	20	305	795
001061	1	400 mm - 16" - 1"	49	44	14	26	405	1.620
001071	1	500 mm - 20" - 1.1/4"	62	53	17	30	500	2.860
001081	1	750 mm - 30" - 1.5/8"	78	70	23	37	750	5.550



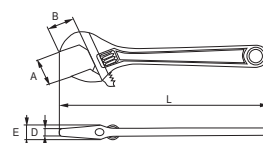
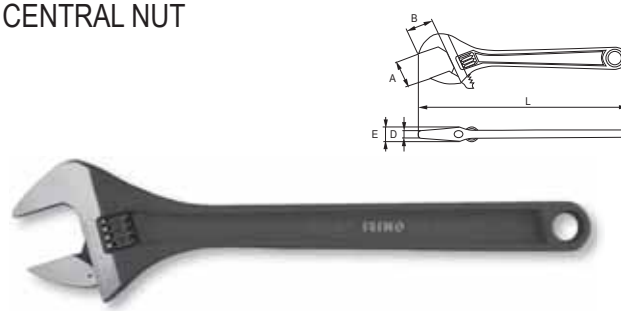
CENTRAL NUT



- Material: CrV
- Finish: Chrome-plated
- Hardness: 40-45 HRc
- Jaws angled at 15° to give good access even in confined spaces
- Standards: UNE 16532
ISO 6787
DIN 3117
- -1 Retail packaging
-2 Industrial packaging

R			A mm	B mm	D mm	E mm	L mm	g
5-100C-1	5	100 mm - 4"	13	13,5	3,5	9	115	60
5-150C-1	5	150 mm - 6"	20	21	5,5	12	160	130
5-200C-1	5	200 mm - 8"	24	26	7,5	13,5	205	250
5-250C-1	5	250 mm - 10"	29	29,5	9	16	260	405
5-300C-1	5	300 mm - 12"	36	36	11	19	310	650
5-375C-2	1	375 mm - 15"	43	45	13	24	385	1.230
5-450C-2	1	450 mm - 18"	57	53	15	27,5	465	2.000

CENTRAL NUT

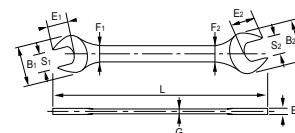


- Material: CrV
- Black finish
- Hardness: 40-45 HRc
- Jaws angled at 15° to give good access even in confined spaces
- Standards: UNE 16532
ISO 6787
DIN 3117
- -1 Retail packaging
-2 Industrial packaging

R			A mm	B mm	D mm	E mm	L mm	g
5-100-1	5	100 mm - 4"	13	13,5	3,5	9	115	60
5-150-1	5	150 mm - 6"	20	21	5,5	12	160	130
5-200-1	5	200 mm - 8"	24	26	7,5	13,5	205	250
5-250-1	5	250 mm - 10"	29	29,5	9	16	260	405
5-300-1	5	300 mm - 12"	36	36	11	19	310	650
5-150-2	40	150 mm - 6"	20	21	5,5	12	160	130
5-200-2	50	200 mm - 8"	24	26	7,5	13,5	205	250
5-250-2	30	250 mm - 10"	29	29,5	9	16	260	405
5-300-2	20	300 mm - 12"	36	36	11	19	310	650
5-375-2	1	375 mm - 15"	43	45	13	24	385	1.230
5-450-2	1	450 mm - 18"	57	53	15	27,5	465	2.000

Open end wrenches

DOUBLE OPEN END WRENCHES



- High performance alloy steel
- Chrome-plated matt finished
- ISO 10102
- 42-50 HRc

Q		S1 x S2 mm	L mm	b1 mm	b2 mm	F1 mm	F2 mm	E1 mm	E2 mm	h mm	G mm	g
10-0405-1	1	4 x 5	105	13	15	6,5	7,5	7,2	7	3,2	2,5	15
10-0607-1	1	6 x 7	122	17,4	19,4	7,5	8,5	8,1	9	4,1	2,8	21
10-0809-1	1	8 x 9	137	20,4	22,4	8,5	9,5	10,5	11,2	4,6	3,3	30
10-1011-1	1	10 x 11	151,4	24,2	27,2	10,5	11,5	11,6	13,3	5,4	3,8	46
10-1013-1	1	10 x 13	151,4	24,2	37,2	10,5	11,5	11,6	13,3	5,4	3,8	46
10-1213-1	1	12 x 13	166,5	29,4	31,4	12,5	13,5	13,6	15,3	6,1	4	66
10-1415-1	1	14 x 15	182	32,4	35,4	13,5	14,5	16	17,5	6,5	4,4	95
10-1617-1	1	16 x 17	196,5	36,4	38,4	15,5	16,5	18,5	19,6	6,9	4,8	124
10-1719-1	1	17 x 19	221	40,4	42,4	16,5	18,5	20,8	22,4	7,4	5,1	160
10-1819-1	1	18 x 19	211,9	40,4	42,4	16,5	18,5	20,8	21,2	7,4	5,1	157
10-2022-1	1	20 x 22	226,9	43,4	47,4	18,5	19,5	23,3	24,5	8,6	5,6	188
10-2123-1	1	21 x 23	241,9	46,4	50,4	18,5	20,5	23,6	26	9,2	5,8	211
10-2224-1	1	22 x 24	241,9	46,4	50,4	18,5	20,5	23,6	26	9,2	5,8	208
10-2426-1	1	24 x 26	261,9	50,4	54,4	21,5	23,5	27,9	29,8	10	6,2	293
10-2427-1	1	24 x 27	261,9	50,4	54,4	21,5	23,5	27,9	29,8	10	6,2	284
10-2528-1	1	25 x 28	281,9	54,4	59,4	23,5	24,5	28,6	30,7	10,6	6,6	366
10-2729-1	1	27 x 29	282,4	54,6	59,6	23,5	24,5	28,6	30,7	10,6	6,6	362
10-3032-1	1	30 x 32	302,9	61,4	68,4	24,5	26,5	33,4	35,5	11	7	481

Open end wrenches

DOUBLE OPEN END WRENCH SET

10-8-H



- High performance alloy steel
- Chrome-plated matt finished
- ISO 10102
- 42-50 HRC

Q	Icon	Icon	g
10-8-H	1	250x120x50	870
10-0607	6x7 mm	10-1415	14x15 mm
10-0809	8x9 mm	10-1617	16x17 mm
10-1011	10x11 mm	10-1819	18x19 mm
10-1213	12x13 mm	10-2022	20x22 mm

DOUBLE OPEN END WRENCH SET

10-12-H



- High performance alloy steel
- Chrome-plated matt finished
- ISO 10102
- 42-50 HRC

Q	Icon	Icon	g
10-12-H	1	350x150x70	2.975
10-0607	6x7 mm	10-1819	18x19 mm
10-0809	8x9 mm	10-2022	20x22 mm
10-1011	10x11 mm	10-2123	21x23 mm
10-1213	12x13 mm	10-2426	24x26 mm
10-1415	14x15 mm	10-2528	25x28 mm
10-1617	16x17 mm	10-3032	30x32 mm

DOUBLE OPEN END WRENCH SET

10-12-W

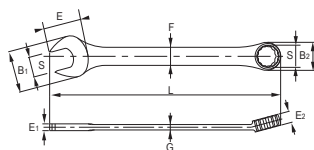
- High performance alloy steel
- Chrome-plated matt finished
- ISO 10102
- 42-50 HRC

Q	Icon	Icon	g
10-12-W	1	400x140x100	2.975
10-0607	6x7 mm	10-1819	18x19 mm
10-0809	8x9 mm	10-2022	20x22 mm
10-1011	10x11 mm	10-2123	21x23 mm
10-1213	12x13 mm	10-2426	24x26 mm
10-1415	14x15 mm	10-2528	25x28 mm
10-1617	16x17 mm	10-3032	30x32 mm



Combination wrenches

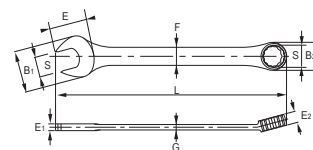
COMBINATION WRENCHES



- High performance alloy steel
- Chrome-plated matt finished
- ISO 10102
- 42-50 HRc

		S	L	b1	b2	F	E	e1	e2	G	g
mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm
25-06-1	1	6	103	15,7	10,6	6,2	7,9	3,7	5,2	3	15
25-07-1	1	7	109	18	12,1	6,8	8,2	3,7	5,5	3	17
25-08-1	1	8	119	18,8	13,6	6,8	9,9	4,0	6	3,3	21
25-09-1	1	9	124	21	15,1	7,9	10,4	4,0	6,8	3,4	26
25-10-1	1	10	134	22,8	16,2	8,6	10,7	4,8	7	3,6	38
25-11-1	1	11	143	25,8	17,1	9,1	12,6	4,8	7,5	3,6	39
25-12-1	1	12	154	27,8	18,9	10	13,2	5,2	8	4,2	51
25-13-1	1	13	164	29,8	20,2	11,5	14,6	5,2	8,3	4,2	63
25-14-1	1	14	174	29,8	21,2	11,4	15,8	5,8	8,9	4,6	68
25-15-1	1	15	183	34,1	22,3	12,2	16,9	5,8	8,9	4,6	85
25-16-1	1	16	194	35,1	23,8	13,2	17,6	6,3	9,5	5	107
25-17-1	1	17	203	37,2	25,3	14,4	18,6	6,3	10	5	118
25-18-1	1	18	214	39,2	26,8	14,4	20,5	6,7	10,5	5,2	137
25-19-1	1	19	228	41,4	28,3	15,8	21,1	7,0	11,2	5,2	163
25-20-1	1	20	240	42,4	29,7	17,3	22,8	7,5	11,4	5,5	186
25-21-1	1	21	249,5	45,4	32,4	17,3	22,8	8,6	12,6	6	210
25-22-1	1	22	249,5	45,4	32,4	17,3	22,8	8,6	12,2	6	202
25-23-1	1	23	270	49,7	36,1	20,3	25	9,2	13,6	6,4	281
25-24-1	1	24	270	49,7	36,1	20,3	25	9,2	13,6	6,4	276
25-25-1	1	25	289,5	53,4	39,6	22,5	27,6	9,6	14,2	6,8	346
25-26-1	1	26	289,5	53,4	39,6	22,5	27,6	9,6	14,2	6,8	345
25-27-1	1	27	310	58,4	41,6	23,3	29,5	10,0	14,6	7,2	382
25-28-1	1	28	310	58,4	41,6	23,3	29,5	10,0	14,6	7,2	402
25-29-1	1	29	330	60,4	45,6	23,3	32,1	10,6	15,6	7,6	476
25-30-1	1	30	330	60,4	45,6	23,3	32,1	10,6	15,6	7,6	468
25-32-1	1	32	349	67,4	48,8	25,3	35,6	11,2	17,8	8	567
25-34-1	1	34	350	67,4	48,8	25,3	35,6	11,2	17,8	8	541
25-36-1	1	36	401	74	54	31	62	10,4	17	8	787
25-41-1	1	41	436	82	61	34	70	12	19,5	8	1.070
25-46-1	1	46	556	92	66	33,6	79,8	15	23	11	1.750
25-50-1	1	50	602	100	73	36,6	86,7	17	26	12	2.200
25-55-1	1	55	612	113	84	42	94	18	28	14,5	3.070
25-60-1	1	60	660	125	90	47	100	20	30	16	3.500
25-65-1	1	65	710	132	98	52	110	21	34	18	4.750
25-70-1	1	70	760	140	102	52	110	22	35	18	5.550
25-75-1	1	75	810	150	108	55	120	25	38	19	6.800

COMBINATION WRENCHES



- High performance alloy steel
- Chrome-plated matt finished
- ISO 10102
- 42-50 HRc

		S	L	b1	b2	F	E	e1	e2	G	g
mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm
25A-08-1	1	1/4"	103	15,9	10,6	6,6	7,9	3,7	5,2	3	15
25A-10-1	1	5/16"	119	19	13,6	7,2	9,9	4	6	3,3	21
25A-12-1	1	3/8"	124	21,2	15,1	8,3	10,4	4	6,8	3,4	26
25A-14-1	1	7/16"	143	26	17,1	9,5	12,6	4,8	7,5	3,6	39
25A-16-1	1	1/2"	164	30	20,2	11,9	14,6	5,2	8,3	4,2	63
25A-18-1	1	9/16"	174	30	21,2	11,8	15,8	5,8	8,9	4,6	68
25A-20-1	1	5/8"	194	35,3	23,8	13,6	17,6	6,3	9,5	5	107
25A-22-1	1	11/16"	214	39,4	26,8	14,8	20,5	6,7	10,5	5,2	137
25A-24-1	1	3/4"	228	41,6	28,3	16,2	21,1	7	11,2	5,2	163
25A-26-1	1	13/16"	249,5	45,4	32,4	17,3	22,8	8,6	12,6	6	210
25A-28-1	1	7/8"	249,5	45,4	32,4	17,3	22,8	8,6	12,6	6	210
25A-30-1	1	15/16"	270	49,7	36,1	20,3	25	9,2	13,6	6,4	281
25A-32-1	1	1"	289,5	53,4	39,6	22,5	27,6	9,6	14,2	6,8	346
25A-34-1	1	1.1/16"	310	58,4	41,6	23,3	29,5	10	14,6	7,2	382
25A-36-1	1	1.1/8"	330	60,4	45,6	23,3	32,1	10,6	15,6	7,6	476
25A-40-1	1	1.1/4"	349	67,4	48,8	25,3	35,6	11,2	17,8	8	567
25A-44-1	1	1.3/8"	350	67,4	48,8	25,3	35,6	11,2	17,8	8	541
25A-46-1	1	1.7/16"	401	74	54	31	62	10,4	17	8	787
25A-48-1	1	1.1/2"	401	74	54	31	62	10,4	17	8	787
25A-52-1	1	1.5/8"	435	80	61	34	70	11,5	19,5	8	1.050
25A-58-1	1	1.13/16"	555	91	66	34	79,8	15	23	11	1.850
25A-64-1	1	2"	602	100	73	36,6	86,7	17	26	12	2.215

Combination wrenches

COMBINATION WRENCH SET 25-8-H



- High performance alloy steel
- Chrome-plated matt finished
- ISO 10102
- 42-50 HRc

Q	1	250x120x50	g
25-8-H	1	250x120x50	875
25-08	8 mm	25-14	14 mm
25-10	10 mm	25-17	17 mm
25-11	11 mm	25-19	19 mm
25-13	13 mm	25-22	22 mm

COMBINATION WRENCH SET 25-12-H



- High performance alloy steel
- Chrome-plated matt finished
- ISO 10102
- 42-50 HRc

Q	1	350x 50x70	g
25-12-H	1	350x 50x70	2.975
25-08	8 mm	25-19	19 mm
25-10	10 mm	25-22	22 mm
25-11	11 mm	25-24	24 mm
25-13	13 mm	25-27	27 mm
25-14	14 mm	25-30	30 mm
25-17	17 mm	25-32	32 mm

COMBINATION WRENCH SET 25-12-W

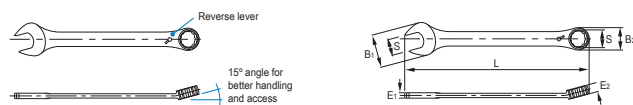
- High performance alloy steel
- Chrome-plated matt finished
- ISO 10102
- 42-50 HRc

Q	1	400x140x100	g
25-12-W	1	400x140x100	2.975
25-08	8 mm	25-19	19 mm
25-10	10 mm	25-22	22 mm
25-11	11 mm	25-24	24 mm
25-13	13 mm	25-27	27 mm
25-14	14 mm	25-30	30 mm
25-17	17 mm	25-32	32 mm



Ratcheting combination wrench

RATCHETING COMBINATION WRENCH



Strong ratchet exceeds ISO plus endurance

- High performance alloy steel
- Chrome-plated

R		S mm	B1 mm	B2 mm	E1 mm	E2 mm	L mm	g
018511	1	6	15	14	3,9	6,3	128	27
018521	1	7	17	17	4,6	6,5	140	35
018531	1	8	17	17	4,6	6,5	140	38
018541	1	9	19	18	4,9	6,9	150	48
018551	1	10	21	20	5,3	7,3	159	57
018561	1	11	23	22	5,6	7,7	165	67
018571	1	12	25	23	6,0	8,2	172	82
018581	1	13	27	25	6,4	8,6	178	95
018591	1	14	29	27	6,8	9,0	191	113
018601	1	15	31	28	7,0	9,4	200	130
018611	1	16	33	30	7,2	9,9	208	158
018621	1	17	36	32	7,7	10,3	226	180
018631	1	18	38	33	8,2	10,7	237	213
018641	1	19	40	34	8,8	11,2	248	233
018651	1	21	46	40	9,0	13,0	290	343
018661	1	22	46	40	9,0	13,0	290	345
018671	1	24	52	46	10,0	14,5	323	503
018681	1	27	57	53	10,5	15,5	359	550
018691	1	30	63	59	11,4	17,0	493	750
018721	1	32	66	63	12,5	17,5	425	900

RATCHETING COMBINATION WRENCH SETS

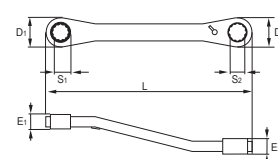
018701 - 018711

- High performance alloy steel
- Chrome-plated

R		S mm	B1 mm	B2 mm	E1 mm	E2 mm	L mm	g
018701	1	7	15	14	3,9	6,3	128	27
018711	1	12	25	23	6,0	8,2	172	82

Offset ratchet wrench

OFFSET RATCHET WRENCH



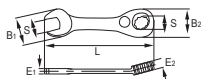
- High performance alloy steel
- Chrome-plated

R		S1xS2 mm	D1 mm	D2 mm	E1 mm	E2 mm	L mm	g
019611	1	6x7	14	17	6,3	6,5	115	40
019621	1	8x9	17	20	6,5	6,9	128	50
019631	1	10x11	20	22	7,3	7,7	150	70
019641	1	12x13	23	25	8,2	8,6	170	90
019651	1	14x15	27	30	9,0	9,4	190	130
019661	1	16x17	30	32	9,9	10,3	200	170
019671	1	18x19	32	34	10,3	11,2	230	210
019681	1	20x22	24	40	11,2	13,0	245	250



Racheting combination wrench short series

RACHETING COMBINATION WRENCH SHORT SERIES



- High performance alloy steel
- Chrome-plated

R		S mm	B1 mm	B2 mm	E1 mm	E2 mm	L mm	g
018751	1	8	17	17	4,0	6,5	90	25
018771	1	10	21	20	4,8	7,3	95	35
018801	1	13	27	25	5,8	8,6	108	63
018841	1	17	36	32	7,2	10,3	127	113
018861	1	19	40	40	8,2	11,2	139	143

RACHETING COMBINATION WRENCH SHORT SERIES SET

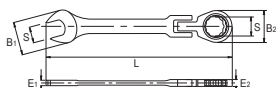
018951



- High performance alloy steel
- Chrome-plated

R		S mm	B1 mm	B2 mm	E1 mm	E2 mm	L mm	g
018951	1	15					8, 10, 13, 17, 19 mm	410

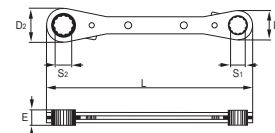
FLEX HEAD RATCHETING COMBINATION WRENCH



- High performance alloy steel
- Chrome-plated

R		S mm	B1 mm	B2 mm	E1 mm	E2 mm	L mm	g
019081	1	8	17	17	4,3	6,5	127	35
019101	1	10	21	20	5,0	7,3	136	55
019111	1	11	23	22	5,4	7,7	141	63
019121	1	12	25	23	5,8	8,2	148	83
019131	1	13	27	25	6,1	8,6	154	93
019141	1	14	29	27	6,4	9,0	160	113
019171	1	17	36	32	7,6	10,3	190	173
019191	1	19	40	34	8,6	11,2	215	233

RATCHETING WRENCHES

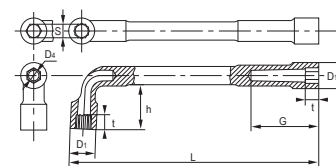


- High performance alloy steel
- Chrome-plated

R		S1xS2 mm	D1 mm	D2 mm	E1 mm	E2 mm	L mm	g
019511	1	6x7	14	17	6,3	6,5	115	35
019521	1	8x9	17	20	6,5	6,9	128	45
019531	1	10x11	20	22	7,3	7,7	150	60
019541	1	12x13	23	25	8,2	8,6	170	80
019551	1	14x15	27	30	9,0	9,4	190	120
019561	1	16x17	30	32	9,9	10,3	200	160
019571	1	18x19	32	34	10,3	11,2	230	200
019581	1	20x22	34	40	11,2	13,0	245	250

L-pipe double socket wrenches

L-TYPE SOCKET WRENCHES



- High performance alloy steel
- Chrome-plated matt finished
- ISO 10102
- 42-50 HRC

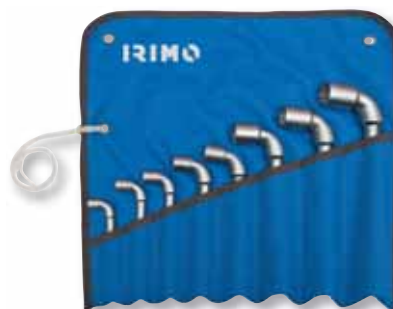
R	R		D1 mm	D4 mm	G mm	L mm	h mm	t mm	g
51-06-1	052061	1	10	4.5	21.0	102	17	6.0	30
51-07-1	052071	1	11	4.5	22.0	106	17.5	7.0	40
51-08-1	052081	1	12.5	7.0	25.0	114	19.5	8.0	60
51-09-1	052091	1	13.5	7.0	26.0	122	20.0	9.0	70
51-10-1	052101	1	15.0	8.0	28.0	129	24.0	10.0	90
51-11-1	052111	1	16.5	8.0	30.0	136	26.5	11.0	120
51-12-1	052121	1	18.0	9.0	36.0	144	28.0	11.0	150
51-13-1	052131	1	19.5	9.0	38.6	152	30.0	12.0	160
51-14-1	052141	1	21.0	10.5	40.0	160	31.5	13.0	190
51-15-1	052151	1	22.5	10.5	42.0	169	34.0	14.0	200
51-16-1	052161	1	24.0	13.0	46.0	178	37.0	16.0	280
51-17-1	052171	1	25.5	13.0	48.0	187	39.0	17.0	300
51-18-1	052181	1	26.5	13.0	50.0	195	40.0	18.0	310
51-19-1	052191	1	28.5	15.0	51.0	204	41.0	19.0	420
51-20-1	052201	1	29.5	15.0	53.0	212	43.0	20.0	450
51-21-1	052211	1	30.5	15.0	55.0	221	46.0	21.0	470
51-22-1	052221	1	32.0	15.0	57.0	230	48.0	22.0	530
51-23-1	052231	1	33.5	18.0	64.0	240	50.5	23.0	650
51-24-1	052241	1	34.5	18.0	67.0	250	54.0	24.0	630
51-25-1	052251	1	36.0	20.0	69.0	260	56.0	25.0	830
51-26-1	052261	1	37.0	20.0	70.0	270	58.5	26.0	860
51-27-1	052271	1	38.0	22.0	73.0	280	58.0	27.0	990
51-28-1	052281	1	39.5	22.0	75.0	290	60.0	28.0	1.000
51-29-1	052291	1	41.0	22.0	76.0	300	62.0	29.0	1.080
51-30-1	052301	1	42.0	24.0	83.0	310	64.0	30.0	1.220
51-32-1	052321	1	44.5	24.0	88.0	330	70.0	31.0	1.380

L-TYPE SOCKET WRENCH SET

51-8-W

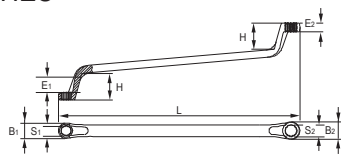
- High performance alloy steel
- Chrome-plated matt finished
- ISO 1711 / ISO 691/ ISO 2236
- 40-50 HRC

R			g
51-8-W	1	260x120x60	1.980
51-08	8 mm	51-14	14 mm
51-10	10 mm	51-17	17 mm
51-11	11 mm	51-19	19 mm
51-13	13 mm	51-22	22 mm



Offset ring wrenches

OFFSET RING WRENCHES



- High performance alloy steel
- Chrome-plated matt finished
- ISO 1085, ISO 10104 and DIN 838
- 42-48 HRc

R		S1xS2 mm	B1 mm	B2 mm	E1 mm	E2 mm	H mm	L mm	g
015011	10	6x7	10,5	12	5	6	18	165	50
015031	10	8x9	13	14,5	6	6,5	19	180	69
015051	10	10x11	16,1	18,1	7	7,5	21	190	92
015071	10	12x13	18,7	20,8	8	8,5	23	210	117
015091	10	14x15	22,5	24,5	8,5	9,5	24	225	148
015121	10	16x17	25	27	9,5	10	26	245	201
015131	10	17x19	27,5	29,5	10,5	11	28	265	252
015141	10	18x19	27,5	29,5	10,5	11	28	265	244
015161	1	19x22	30,6	33,7	11,5	12	30	290	316
015171	5	20x22	30,6	33,7	11,5	12	30	290	321
015181	5	21x23	32,7	35,7	12	13	30	305	349
015191	1	22x24	32,7	35,7	12	13	30	305	370
015201	5	24x26	35,7	40	13	14	32	325	440
015211	1	24x27	35,7	40	13	14	32	325	450
015221	5	25x28	37,8	43	13,5	14,5	33	335	525
015241	5	27x29	42	46,1	14	15	35	351	594
015261	1	27x30	42	46,1	14	15	35	351	591
015251	5	30x32	46,5	49,5	15	16	35	361	679
015271	1	32x36	49,5	55,5	17	18	39,5	416	1.015
015281	1	36x41	55	61,5	18,5	19,5	42	444	1.215
015291	1	41x46	61,5	67,5	20	21	44	482	1.550
015301	1	46x50	67,5	74	21	22	46	540	1.930

DOUBLE OFFSET RING WRENCHES SETS

016111 - 016131 - 01614 - 016151 - 016171 - 016181



- High performance alloy steel
- Chrome-plated matt finished
- ISO 1085, ISO 10104 and DIN 838
- 42-48 HRc

R				g
016111	1	6	6-7, 8-9, 10-11, 12-13, 14-15, 16-17 mm	690
016131	1	8	6-7, 8-9, 10-11, 12-13, 14-15, 16-17, 18-19, 20-22 mm	1.245
016141	1	10	6-7, 8-9, 10-11, 12-13, 14-15, 16-17, 18-19, 20-22, 21-23, 24-26 mm	2.090
016151	1	10	6-7, 8-9, 10-11, 12-13, 14-15, 16-17, 18-19, 20-22, 21-23, 24-27 mm	2.530
016171	1	12	6-7, 8-9, 10-11, 12-13, 14-15, 16-17, 18-19, 20-22, 21-23, 24-26, 25-28, 30-32 mm	3.280
016181	1	12	6-7, 8-9, 10-11, 12-13, 14-15, 16-17, 18-19, 20-22, 21-23, 24-27, 25-28, 30-32 mm	3.265

DOUBLE OFFSET RING WRENCHES SETS

016421 - 016431 - 016441

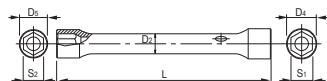


- High performance alloy steel
- Chrome-plated matt finished
- ISO 1085, ISO 10104 and DIN 838
- 42-48 HRc

R				g
016421	1	8	6-7, 8-9, 10-11, 12-13, 14-15, 16-17, 18-19, 20-22 mm	1.350
016431	1	12	6-7, 8-9, 10-11, 12-13, 14-15, 16-17, 18-19, 20-22, 21-23, 24-26, 25-28, 30-32 mm	3.490
016441	1	12	6-7, 8-9, 10-11, 12-13, 14-15, 16-17, 18-19, 20-22, 21-23, 24-27, 25-28, 30-32 mm	3.465

Tubular solid wrenches

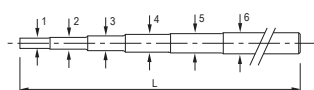
DOUBLE HEAD SOCKET WRENCHES



- High performance alloy steel
- Chrome plated matt finish
- From 16 onwards, with hole to locate the stud
- 42-48 HRC

R		S1xS2 mm	D4 mm	D5 mm	D2 mm	L mm	g
055011	10	6x7	10	11	7	103	31
055031	10	8x9	12,5	13,5	9	108	53
055051	10	10x11	15	16	11	120	78
055071	10	12x13	17	19	13	138	127
055091	10	14x15	20	21	14	143	152
055121	10	16x17	22	24	16	153	185
055141	10	18x19	25	26	18	163	235
055171	10	20x22	28	30	20	173	312
055181	5	21x23	29	31	21	183	359
055201	5	24x26	33	35	24	193	438
055211	5	24x27	33	37	24	193	466
055221	5	25x28	34	37	25	203	535
055241	5	27x29	37	39	27	208	592
055251	5	30x32	40	43	30	208	737

BAR HANDLE



- High performance alloy steel
- 42-48 HRC
- DIN 900

									L mm	
055301	1	3,1	4,3	5,3	5,8	8	—	6x7 a 14x15	175	54
055311	1	6,8	7,8	9,8	11,8	12,8	14	16x17 a 30x32	270	251

DOUBLE HEAD SOCKET WRENCHES SETS

056111-056131-056141-056151-056171-056181



- High performance alloy steel
- Chrome plated matt finish
- From 16 onwards, with hole to locate the stud
- 42-48 HRC

R				g
056111	1	6	6-7, 8-9, 10-11, 12-13, 14-15, 16-17 mm	730
056131	1	8	6-7, 8-9, 10-11, 12-13, 14-15, 16-17, 18-19, 20-22 mm	630
056141	1	10	6-7, 8-9, 10-11, 12-13, 14-15, 16-17, 18-19, 20-22, 21-23, 24-26 mm	2.120
056151	1	10	6-7, 8-9, 10-11, 12-13, 14-15, 16-17, 18-19, 20-22, 21-23, 24-27 mm	2.135
056171	1	12	6-7, 8-9, 10-11, 12-13, 14-15, 16-17, 18-19, 20-22, 21-23, 24-26, 25-28, 30-32 mm	3.120
056181	1	12	6-7, 8-9, 10-11, 12-13, 14-15, 16-17, 18-19, 20-22, 21-23, 24-27, 25-28, 30-32 mm	3.130

DOUBLE HEAD SOCKET WRENCHES SETS

056231 - 056271

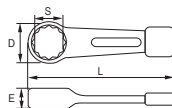


- High performance alloy steel
- Chrome plated matt finish
- From 16 onwards, with hole to locate the stud
- 42-48 HRC

R				g
056231	1	8	6-7, 8-9, 10-11, 12-13, 14-15, 16-17, 18-19, 20-22 mm	1.150
056271	1	12	6-7, 8-9, 10-11, 12-13, 14-15, 16-17, 18-19, 20-22, 21-23, 24-26, 25-28, 30-32 mm	3.200

Slogging ring, open end, traction wrenches

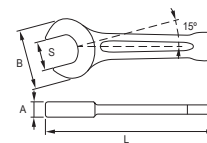
RING END SLOGGING WRENCHES



- High performance alloy steel
- DIN 7444
- 24-46 mm, 34-40 HRc
- 50-120 mm, 30-36 HRc

R		S mm	D mm	E mm	L mm	g
030241	1	24	43	15	165	235
030271	1	27	46	16	180	290
030301	1	30	53	18	195	435
030321	1	32	53	18	195	415
030341	1	34	59	18	205	510
030361	1	36	59	18	205	510
030381	1	38	59	18	205	510
030411	1	41	65	20	230	710
030461	1	46	74	22,5	240	980
030501	1	50	79	24	255	1.050
030551	1	55	86	25	270	1.410
030601	1	60	93	26	280	1.640
030651	1	65	102	30	300	1.960
030701	1	70	110	33	330	2.930
030751	1	75	110	33	330	2.700
030801	1	80	126	36	360	3.930
030811	1	85	126	36	360	3.800
030831	1	90	142	40	390	5.340
030851	1	95	142	40	390	5.060
030871	1	100	155	45	420	6.400

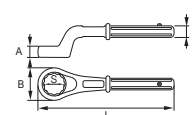
OPEN END SLOGGING WRENCHES



- High performance alloy steel
- DIN 133
- 30-46 mm, 34-40 HRc
- 50-120 mm, 30-36 HRc

R		S mm	A mm	B mm	L mm	g
031301	1	30	17	61	190	440
031321	1	32	17	61	190	435
031361	1	36	19	75	215	685
031411	1	41	19	86	232	925
031461	1	46	21	97	255	1.232
031501	1	50	22	106	272	1.565
031551	1	55	24,5	117	295	2.070
031601	1	60	25	128	320	2.610
031651	1	65	28,5	138	340	3.380
031701	1	70	30	155	375	4.645
031751	1	75	30	155	375	4.300
031801	1	80	33	172	410	5.670
031851	1	85	34	172	410	5.700

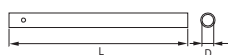
RING END HEAVY DUTY WRENCH, DEEP OFFSET



- High performance alloy steel
- ISO 691
- 35-40 HRc

R		S mm	A mm	B mm	D mm	L mm	g
032241	1	24	17	37	18,5	180	390
032271	1	27	17	40	18,5	190	420
032301	1	30	18	46	18,5	200	498
032321	1	32	18,5	48	21,5	235	728
032361	1	36	20	54	21,5	245	815
032381	1	38	21	54	21,5	250	780
032411	1	41	22	62	21,5	270	970
032461	1	46	23	69	24,5	285	1.160
032501	1	50	26	74	24,5	295	1.345
032551	1	55	28	78	24,5	303	1.460
032601	1	60	30	90	29,5	350	2.175
032651	1	65	33	96	29,5	360	2.500
032701	1	70	37	105	29,5	370	2.850
032751	1	75	38	108	29,5	380	3.040
032801	1	80	41	124	29,5	390	3.765
032851	1	85	41	124	29,5	390	3.535
032951	1	95	45	140	29,5	410	4.900

BAR HANDLES

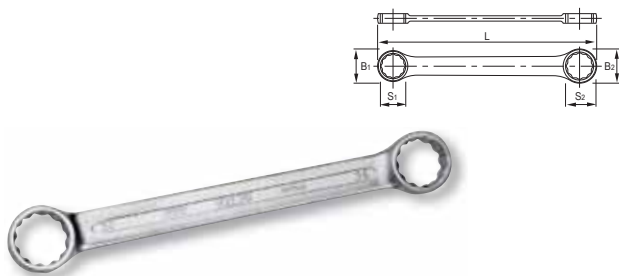


- High performance alloy steel

R		S mm	D mm	L mm	g
032011	1	24-30	18,8	460	745
032021	1	32-41	21,8	610	1.120
032031	1	46-55	24,8	760	2.755
032041	1	60-105	29,8	860	2.855

Flat ring wrenches

DOUBLE RING END WRENCHES



- High performance alloy steel
- Chrome plated matt finished
- 42-48 HRc
- ISO 10103

R		S mm	B1 mm	B2 mm	E mm	L mm	g
020011	1	6x7	9,8	11	4,5	95	14
020031	1	8x9	12,5	14	5,5	110	22
020051	1	10x11	15	16,5	6	125	32
020071	1	12x13	18,5	20	6,5	140	46
020091	1	14x15	21	22,5	7	155	57
020121	1	16x17	24	25	7,5	170	73
020131	1	17x19	26,5	27,5	8	183	96
020141	1	18x19	26,5	27,5	8	185	94
020171	1	20x22	29	32	9	205	125
020181	1	21x23	30	33	9,5	225	154
020201	1	24x26	35	37,8	11	250	210
020211	1	24x27	35	37,5	11	250	208
020221	1	25x28	37,5	41	11	275	280
020241	1	27x29	37,5	41	11	275	272
020251	1	30x32	43	45,5	12	300	367

DOUBLE RING END WRENCHES SETS

021121 - 021131 - 021141 - 021151 - 021161



- High performance alloy steel
- Chrome plated matt finished
- 42-48 HRc
- ISO 10103

R				g
021121	1	8	6-7, 8-9, 10-11, 12-13, 14-15, 16-17, 18-19, 20-22 mm	470
021131	1	10	6-7, 8-9, 10-11, 12-13, 14-15, 16-17, 18-19, 20-22, 21-23, 24-26 mm	855
021141	1	10	6-7, 8-9, 10-11, 12-13, 14-15, 16-17, 18-19, 20-22, 21-23, 24-27 mm	850
021151	1	12	6-7, 8-9, 10-11, 12-13, 14-15, 16-17, 18-19, 20-22, 21-23, 24-26, 25-28, 30-32 mm	1.475
021161	1	12	6-7, 8-9, 10-11, 12-13, 14-15, 16-17, 18-19, 20-22, 21-23, 24-27, 25-28, 30-32 mm	1.475

DOUBLE RING END WRENCHES SETS

021221 - 021251

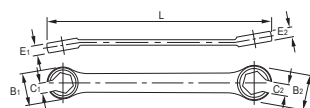
- High performance alloy steel
- Chrome plated matt finished
- 42-48 HRc
- ISO 10103

R				g
021221	1	8	6-7, 8-9, 10-11, 12-13, 14-15, 16-17, 18-19, 20-22 mm	500
021251	1	12	6-7, 8-9, 10-11, 12-13, 14-15, 16-17, 18-19, 20-22, 21-23, 24-27, 25-28, 30-32 mm	1.550



Flare nut wrenches

FLARE NUT WRENCHES

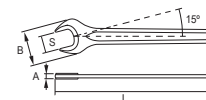


- High performance alloy steel
- Chrome plated, matt finish
- DIN 3118
- 42-48 HRc

R		S1xS2 (mm)	S1xS2 (mm)	B1 mm	B2 mm	C1 mm	C2 mm	E1 mm	E2 mm	L mm	g
023031	1	8x10		18	20	6,3	7,1	7,4	8,9	150	53
023061	1	10x11		18	20	7,1	8,6	8,9	8,9	165	67
023081	1	11x13		20	22	8,6	10	8,9	9,4	165	68
023121	1	12x14		22	26	9	11	9,4	10,8	190	103
023221	1	17x19		29,5	32	14	15,8	12,3	13,2	215	144
023261	1	19x22		32	38	15,8	17	13,2	14,8	230	181
023301	1	22x24		38	42	17	18	14,8	16,3	245	264
023331	1	24x27		42	46	18	20	16,3	16,7	260	317
023381	1	30x32		50	52	22	24	19	21,7	288	445

Single open end wrench

SINGLE OPEN END WRENCH

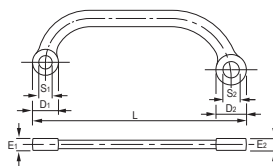


- High performance alloy steel
- DIN 894
- 39-44 HRc

R		S mm	A mm	B mm	L mm	g
033071	1	7	3,5	17	78	9
033081	1	8	3,5	19	93	15
033091	1	9	4,2	22	100	18
033101	1	10	4,2	23,5	105	20
033111	1	11	5	26	110	27
033121	1	12	5	27,5	120	30
033131	1	13	5,5	27,5	130	36
033141	1	14	5,5	32	135	43
033151	1	15	5,5	32	140	42
033161	1	16	5,5	32	140	42
033171	1	17	6	35,5	150	55
033181	1	18	6	36	150	57
033191	1	19	6,5	41	170	74
033221	1	22	8	49	192	115
033241	1	24	9	51	215	160
033271	1	27	10	56	235	190
033301	1	30	11,5	65	270	260
033321	1	32	11,5	65	270	320
033341	1	34	12	65	270	315
033361	1	36	13,5	74	300	410
033381	1	38	13,5	74	320	410
033411	1	41	14	82	335	580
033461	1	46	15	94,5	375	800
033501	1	50	18	102	410	1.060
033551	1	55	18	112	457	1.325
033601	1	60	18,5	122	492	1.615
033651	1	65	20,5	132	528	1.880
033701	1	70	21	140	570	2.210
033751	1	75	21,5	152	605	2.725
033801	1	80	22	162	642	3.210
033811	1	85	24	172	686	3.800
033831	1	90	24	172	690	3.525
033851	1	95	26	195	847	6.600
033871	1	100	26,5	195	852	6.350

Half moon wrenches

HALF MOON WRENCHES



- High performance alloy steel
- Chrome-plated, matt finish
- ISO 3318
- 40-45 HRc

R		S mm	D1 mm	D2 mm	E1 mm	E2 mm	L mm	g
028021	1	11x13	17,5	20,5	7	7	153	80
028111	1	14x17	23	26	9	9	185	150
028161	1	19x22	29	33	11	11	235	262

Hook wrenches

FIXED PIN



- High performance alloy steel
- Chrome-plated, matt finish
- DIN 137-B
- 40 HRc

R		S mm	A mm	B mm	L mm	g
029351	1	15-35	5	33	165	87
029361	1	35-50	6	40	202	153
029371	1	50-80	8	60	280	361
029381	1	80-120	9	85	338	715
029391	1	120-180	11	118	465	1.475

INTECHANGEABLE PIN



- High performance alloy steel
- Chrome-plated, matt finish
- DIN 137-B
- 40 HRc

R		S mm	A mm	B mm	L mm	g
029751	1	15-35	10	33	165	85
029761	1	35-50	12	44	205	158
029771	1	50-80	14	58	280	395
029781	1	80-120	18	90	335	695
029791	1	120-180	21	125	465	1.530












INTECHANGEABLE PIN



















- High performance alloy steel

R			D mm	g
029801	1	029751	3	2
029811	1	029761	4	5
029821	1	029771	5	9
029831	1	029781	6	19
029841	1	029791	8	34

HEXAGONAL FEMALE SCREWS

 mm	mm.				 mm	U.S.A.			G.B.		
	DIN 912 DIN 6912	DIN 7984	DIN 7991	DIN 913-916		USAS B 18-3-1969			BS 2470-1954		
	 d	 d	 d	 d		 d	 d	 d	 d	 d	
1,5 2 2,5	1,6-2 2,5 3	3 4	2,5 3 3,5-4	3 4 5	1/16 5/64 3/32	1,59 1,98 2,38	Nº 1 Nº 2-Nº 3 Nº 4-Nº 5	Nº 3-Nº 4 Nº 5-Nº 6 Nº 8	Nº 5-Nº 6 Nº 8 Nº 10	6 BA 5 BA-4 BA	5 BA-4 BA 3 BA 3/16-2 BA-1 BA
3 4 5	4 5 6	5 6 8	5 6 8	6 8 10	7/64 1/8 9/64	2,78 3,17 3,57	Nº 6 Nº 8	 Nº 10	1/4		0 BA-1/4
6 7 8	8 10	10 12	10 12	12 16	5/32 3/16 7/32	3,97 4,75 5,55	Nº 10 1/4	1/4 5/16 3/8	5/16 3/8 7/16	3/16-2 BA-1 BA 1/4-0 BA 5/16	5/16 3/8-BSP 1/8 7/16
9 10 12	12 14	14 16-18	14-16 18-20	20 24	1/4 5/16 3/8	6,35 7,94 9,52	5/16 3/8 7/16-1/2	7/16 1/2 5/8	1/2 5/8 3/4	1/2-BSP 1/4 5/8-BSP 3/8 3/4-BSP 1/2	1/2-BSP 1/4 5/8-BSP 3/8 3/4-BSP 1/2
14 17 19 22	16-18 20-22 24-27 30	20-22 24			1/2 9/16 5/8 3/4	12,70 14,29 15,88 19,05	5/8 3/4 7/8-1	3/4 7/8 1 1 1/8	7/8 1-1 1/8 1 1/4-1 3/8 1 1/2	5/8 3/4-7/8 1	7/8-BSP 5/8 1-BSP 3/4

THREAD DIAMETERS AND DIAMETER /KEYS

	mm.						UNIFIED			U.S.A.					G.B.		
																	
	mm	mm	mm	mm	mm		mm	mm	mm	mm	mm	mm	mm	mm			
3,2 3,5	1,6	1,6	1,6 1,7			3/32" 1/8"	2,38 3,17						0,117 0,131 0,152	2,97 3,32 3,86	10 BA 9 BA 8 BA		
4 4,5 5	2	2	2 2,3 2,6	2,5 3		5/32" 3/16"	3,97 4,76						0,172 0,193	4,37 4,90	7 BA 6 BA		
5,5 6 7	3	3	3 3,5 4	3,5 4-4,5 5		7/32" 1/4" 9/32"	5,56 6,35 7,14						0,220 0,248 0,282	5,59 6,30 7,16	5 BA 4 BA 3 BA		
8 9	5	5	5	5,5		5/16" 11/32" 3/8"	7,94 8,73 9,52						0,324 0,340 0,365	8,23 8,64 9,27	2 BA 1/8 W 1 BA		
10 11 12	6 7	6 7	6 7	6 7	1/4"	7/16"	11,11		1/4"	1/4"		1/4"	1/4"	0,413 0,445	10,49 11,30	0 BA 3/16 W	
13 14 15	8	8	8	8	5/16"	1/2" 9/16" 19/32"	12,70 14,29 15,08	1/4" 5/16"	5/16" 3/8"	5/16" 3/8"	1/4" 5/16"	5/16" 3/8"	5/16" 3/8"	0,525 0,600	13,34 15,24	5/16" 3/8"	1/4 W 5/16 W
16 17 18	10 12	10	10	9 10	3/8"	5/8"	15,88		7/16"			7/16"		0,710	18,03	7/16"	3/8 W
19 21 22	14	12 14	12 14	11 12	7/16" 1/2"	3/4" 13/16" 7/8"	19,05 20,64 22,22	7/16" 1/2"	1/2" 9/16"	1/2" 9/16"	7/16" 1/2"	1/2" 9/16"	1/2" 9/16"	0,820	20,83	1/2"	7/16 W
23 24 26	16	16	16	14 16		15/16" 1"	23,81 25,40		5/8"	5/8"	9/16"	5/8"	5/8"	0,920 1,010	23,37 25,65	9/16" 5/8"	1/2 W 9/16 W
27 28 29	18	18	18		5/8"	1 1/16"	26,99	5/8"			5/8"			1,100	27,94	11/16"	5/8 W
30 32 34	20 22	20 22	20 22	20	3/4"	1 3/16" 1 1/4" 1 5/16"	30,16 31,75 33,34	3/4"		3/4"		3/4"	3/4"	1,200 1,300	30,48 33,02	3/4" 7/8"	11/16 W 3/4 W
35 36 38	24	24	24	22 24	7/8"	1 3/8" 1 7/16" 1 1/2"	34,92 36,51 38,10	7/8"	1" 1"	1"	7/8"	1"	1"	1,390 1,480	35,31 37,59	15/16" 1"	13/16 W 7/8 W
41 42	27	27	27	27	1"	1 5/8" 1 11/16" 1 3/4"	41,28 42,86 44,45	1"	1 1/8" 1 1/8"	1 1/8"	1"	1 1/8"	1 1/8"	1,670	42,42	1 1/8"	1 W
46 50	30 33	30 33	30 33	30 33	1 1/8" 1 1/4"	1 13/16" 1 7/8" 2"	46,04 47,62 50,80	1 1/8" 1 1/4"	1 1/4" 1 1/4"	1 1/8" 1 1/4"	1 1/8" 1 1/4"	1 1/4" 1 1/4"	1,860	47,24	1 1/4"	1 1/8 W	
54 55 58	36	36	36	36	1 3/8"	2 1/16" 2 3/16" 2 1/4"	52,39 55,56 57,17	1 3/8" 1 1/2"	1 3/8" 1 1/2"	1 3/8" 1 1/2"	1 3/8" 1 1/2"	1 3/8" 1 1/2"	2,050 2,220	52,07 56,39	1 3/8" 1 1/2"	1 1/4 W 1 3/8 W	
60 63 65	39 42	39 42	39 42	42	1 1/2" 1 5/8"	2 3/8" 2 7/16" 2 9/16"	60,32 61,91 65,09	1 1/2"		1 1/2" 1 5/8"	1 1/2" 1 5/8"	1 5/8" 1 5/8"	2,410 2,580	61,21 65,53	1 5/8" 1 3/4"	1/2 W 1 5/8 W	
67 70 71	45	45	45	45 48	1 3/4"	2 5/8" 2 3/4" 2 13/16"	66,68 69,85 71,44	1 3/4"	1 3/4" 1 3/4"	1 3/4" 1 3/4"	1 3/4" 1 3/4"	1 3/4" 1 7/8"	2,760	70,10	2"	1 3/4 W	
75 77 80	48 52	48 52	48 52	52	1 7/8" 2"	2 15/16" 3" 3 1/8"	74,61 76,20 79,38	2" 2"	2" 2"	2" 2"	1 7/8" 2"	2" 2"	3,150	76,70 80,01	2 1/4"	1 7/8 W 2 W	
82 85 88	56	56	56	56 60	2 1/4"	3 3/8" 3 1/2"	85,72 88,90			2 1/4"	2 1/4"						
90 94 95	60 64	60 64	60 64	64	2 1/2"	3 3/4"	95,25				2 1/2"	2 1/2"	3,550	90,17	2 1/2"		
100 105 110	68 72 76	68 72 76	68 72 76	68 72 76	2 3/4" 3"	3 7/8" 4 1/8" 4 1/4"	98,42 104,78 107,95			2 1/2" 2 3/4"	2 3/4"		3,890 4,180	98,81 106,17	2 3/4" 3"		
115 116 120	80 85	80 85	80 85	80	3 1/4"	4 1/2" 4 5/8"	114,30 117,48			3"	3"		4,530 4,850	115,06 123,19	3 1/4" 3 1/2"		



IRIMO

3. TORQUE TOOLS

Torque wrenches with interchangeable heads

ADJUSTABLE CLICK WRENCH WITH FIXED RATCHET HEADS



- Adjustable mechanical click torque wrenches
- Precision: $\pm 4\%$
- Fixed ratchet head
- Reversible ratchet with 45 teeth / 8° angle action
- Plastic handle for higher comfort
- ISO 6789
- 070471 & 070481 work only clockwise

R			Nm	$\frac{L}{mm}$	Δ Nm	kg
070411	1	1/4"	4-20	275	0.050	0,5
070421	1	3/8"	10-60	360	0.125	0,8
070431	1	1/2"	25-125	420	0.25	0,9
070441	1	1/2"	40-200	460	0.5	1,0
070451	1	1/2"	65-335	520	0.5	1,2
070461	1	3/4"	65-335	520	0.5	1,2
070471	1	3/4"	150-800	1.040	2	4,9
070481	1	1"	300-1500	1.250	3	8,2

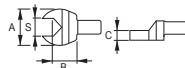
ADJUSTABLE CLICK WRENCH WITH INTERCHANGEABLE HEADS



- Adjustable mechanical click torque wrenches
- Precision: $\pm 4\%$
- 9x12 and 14x18 interchangeable heads
- Plastic handle for higher comfort
- ISO 6789

R			Nm	$\frac{L}{mm}$	Δ Nm	kg
7309-30	1	9x12	6-30	298	0.050	0,6
7309-60	1	9x12	10-60	367	0.125	0,7
7309-125	1	9x12	25-125	422	0.25	0,8
7314-200	1	14x18	40-200	455	0.5	0,9
7314-335	1	14x18	65-335	515	0.5	1,1

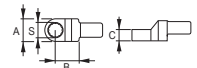
9x12 OPEN END INSERTS



- Open-end insert head, 9 x 12 mm
- High performance alloy steel
- Forged chrome plated

R		S mm	A mm	B mm	C mm	g
7309-1-10	1	10	25	17,5	5,7	40
7309-1-11	1	11	26	17,5	5,7	40
7309-1-12	1	12	28	17,5	5,7	45
7309-1-13	1	13	29	17,5	5,7	45
7309-1-14	1	14	32	20,0	7,7	50
7309-1-17	1	17	38	20,0	7,7	60
7309-1-19	1	19	42	20,0	7,7	70

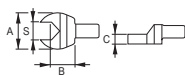
9x12 RING END INSERTS



- Ring-end insert head, 9 x 12 mm
- High performance alloy steel
- Forged chrome plated

R		S mm	A mm	B mm	C mm	g
7309-2-10	1	10	18	17,5	8	40
7309-2-11	1	11	19	17,5	8	40
7309-2-12	1	12	20	17,5	12	50
7309-2-13	1	13	21	17,5	12	50
7309-2-14	1	14	23	17,5	12	50
7309-2-17	1	17	27	17,5	13	50
7309-2-19	1	19	31	17,5	13	60
7309-2-22	1	22	35	17,5	15	80

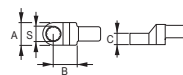
14x18 OPEN END INSERTS



- Open-end insert head, 14 x 18 mm
- High performance alloy steel
- Forged chrome plated

R		S mm	A mm	B mm	C mm	g
7314-1-13	1	13	30	25,0	7	130
7314-1-14	1	14	31	25,0	7	130
7314-1-17	1	17	37	25,0	9	135
7314-1-19	1	19	41	25,0	9	140
7314-1-22	1	22	47	25,0	11	170
7314-1-24	1	24	51	25,0	11	180
7314-1-27	1	27	59	32,5	14	220
7314-1-30	1	30	63	32,5	14	240
7314-1-32	1	32	65	32,5	14	240

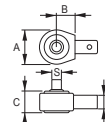
14x18 RING END INSERTS



- Ring-end insert head, 14 x 18 mm
- High performance alloy steel
- Forged chrome plated

R		S mm	A mm	B mm	C mm	g
7314-2-13	1	13	21	25	12	120
7314-2-14	1	14	23	25	12	120
7314-2-17	1	17	28	25	13	130
7314-2-19	1	19	30	25	13	140
7314-2-22	1	22	35	25	15	145
7314-2-24	1	24	38	25	15	145
7314-2-27	1	27	42	31	18	170
7314-2-30	1	30	45	31	18	180
7314-2-32	1	32	48	31	18	180
7314-2-36	1	36	53	31	19	205
7314-2-41	1	41	59	31	19	235

9x12 & 14x18 RATCHET HEAD INSERTS



- 1/4", 3/8" & 1/2" square drive ratchet inserts in 9x12 mm
- 1/2" square drive ratchet inserts in 14x18 mm
- Teeth number: 45 / Angle action: 8°
- High performance alloy steel
- Forged chrome plated

R		S mm	A mm	B mm	C mm	D mm	Max Nm	g
7309-1/4	1	1/4"	37	18	20	9x12	25	135
7309-3/8	1	3/8"	38	18	20	9x12	160	160
7309-1/2	1	1/2"	38	18	20	9x12	160	160
7314-1/2	1	1/2"	40	25	20	14x18	420	265



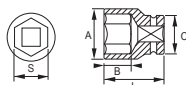
IRIMO

4. SOCKETRY

1/4" sockets

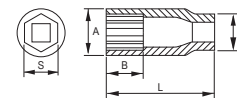
1/4" SOCKETS

1/4"
6.3 mm



NPP drives the bolt
on the sides and
not on the corners





1/4" DEEP SOCKETS







NPP drives the bolt
on the sides and
not on the corners

- Chrome vanadium alloy steel
- Chrome-plated bright finish
- Wave shape profile NPP
- DIN3120
- DIN3124

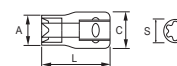
- Chrome vanadium alloy steel
- Chrome-plated bright finish
- Wave shape profile NPP
- DIN3120

			S mm	A mm	B mm	C mm	L mm	
101-04-1	5	4	6,9	9,0	12,0	25,0	11	
101-045-1	5	4,5	7,5	9,0	12,0	25,0	11	
101-05-1	5	5	8,2	9,0	12,0	25,0	11	
101-055-1	5	5,5	8,8	9,0	12,0	25,0	12	
101-06-1	5	6	9,4	9,0	12,0	25,0	11	
101-07-1	5	7	11,0	9,0	12,0	25,0	13	
101-08-1	5	8	12,0	12,0	12,0	25,0	13	
101-09-1	5	9	13,0	12,0	13,0	25,0	15	
101-10-1	5	10	14,0	12,0	12,6	25,0	21	
101-11-1	5	11	16,0	12,0	14,0	25,0	24	
101-12-1	5	12	17,0	12,0	14,8	25,0	26	
101-13-1	5	13	18,0	12,0	15,8	25,0	28	
101-14-1	5	14	20,0	12,0	17,4	25,0	39	

			S mm	A mm	B mm	C mm	L mm	
103-04-1	5	4	6,9	12,0	12,0	50,0	21	
103-045-1	5	4,5	7,5	12,0	12,0	50,0	20	
103-05-1	5	5	8,2	12,0	12,0	50,0	21	
103-055-1	5	5,5	8,8	12,0	12,0	50,0	22	
103-06-1	5	6	9,4	12,0	12,0	50,0	22	
103-07-1	5	7	11,0	24,0	12,0	50,0	26	
103-08-1	5	8	12,0	24,0	10,9	50,0	29	
103-09-1	5	9	13,0	24,0	11,6	50,0	30	
103-10-1	5	10	14,0	24,0	13,0	50,0	39	
103-11-1	5	11	16,0	24,0	14,2	50,0	44	
103-12-1	5	12	17,0	24,0	15,0	50,0	49	
103-13-1	5	13	18,0	24,0	16,0	50,0	55	
103-14-1	5	14	20,0	24,0	17,0	50,0	65	

			S	A	B	C	L	
101A-05-1	5	5/32"	6,9	8,5	12,0	25,0	10	
101A-06-1	5	3/16"	7,5	8,5	12,0	25,0	10	
101A-07-1	5	7/32"	8,8	9,5	12,0	25,0	11	
101A-08-1	5	1/4"	9,4	9,5	12,0	25,0	11	
101A-09-1	5	9/32"	11,0	10,5	12,0	25,0	13	
101A-10-1	5	5/16"	12,0	10,5	12,0	25,0	12	
101A-11-1	5	11/32"	13,0	10,5	12,0	25,0	14	
101A-12-1	5	3/8"	14,0	10,5	12,6	25,0	18	
101A-14-1	5	7/16"	16,0	11,5	14,0	25,0	23	
101A-16-1	5	1/2"	18,0	11,5	15,8	25,0	29	
101A-18-1	5	9/16"	20,0	11,5	17,4	25,0	37	

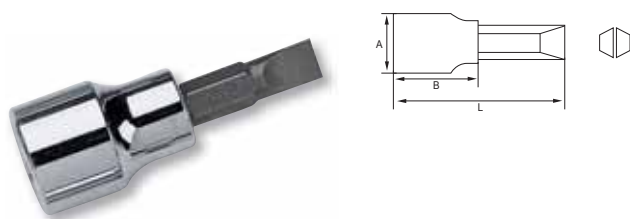
1/4" TORX® SOCKETS



- Chrome vanadium alloy steel
- Chrome-plated bright finish
- DIN3120

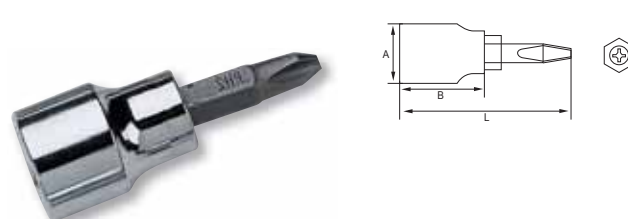
R			S mm	A mm	C mm	L mm	g
106-04-1	5	E-4	3,8	6,0	12,0	25,0	10
106-05-1	5	E-5	4,7	7,0	12,0	25,0	11
106-06-1	5	E-6	5,7	8,0	12,0	25,0	11
106-07-1	5	E-7	6,2	8,6	12,0	25,0	11
106-08-1	5	E-8	7,5	10,3	12,0	25,0	12
106-10-1	5	E-10	9,4	12,3	13,0	25,0	21

1/4" bit drivers



- Bit made with S2 special steel
- Slotted
- DIN3120

R		①	A mm	B mm	L mm	g
107-0840-1	5	0,8 x 4	11,8	20,0	37,5	15
107-1055-1	5	1 x 5,5	11,8	20,0	37,5	15
107-1280-1	5	1,2 x 8	11,8	20,0	37,5	16



- Bit made with S2 special steel
- Phillips bit driver
- DIN3120

R		⊕	A mm	B mm	L mm	g
107-PH1-1	5	PH-1	11,8	20,0	37,5	15
107-PH2-1	5	PH-2	11,8	20,0	37,5	15
107-PH3-1	5	PH-3	11,8	20,0	37,5	16

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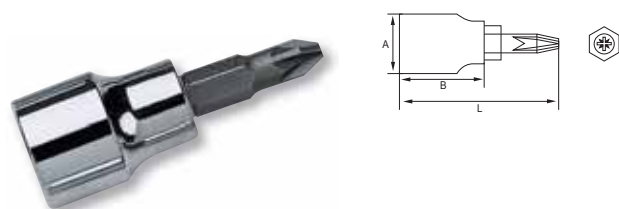
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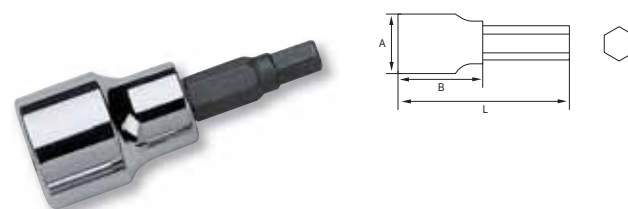
11

12



- Bit made with S2 special steel
- Pozidriv bit driver
- DIN3120

R		⊕	A mm	B mm	L mm	g
107-PZ1-1	5	PZ-1	11,8	20,0	37,5	15
107-PZ2-1	5	PZ-2	11,8	20,0	37,5	15
107-PZ3-1	5	PZ-3	11,8	20,0	37,5	16

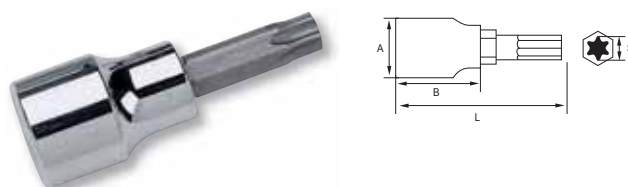


- Bit made with S2 special steel
- Hexagonal bit driver
- DIN3120

R		⬢	A mm	B mm	L mm	g
107-H3-1	5	3	11,8	20,0	37,5	15
107-H4-1	5	4	11,8	20,0	37,5	15
107-H5-1	5	5	11,8	20,0	37,5	16
107-H6-1	5	6	11,8	20,0	37,5	17
107-H8-1	5	8	11,8	20,0	37,5	19

- Bit made with S2 special steel
- Torx® bit driver
- DIN3120

R		⬢	S mm	A mm	C mm	L mm	g
107-T08-1	5	T8	2,3	11,8	20,0	37,5	15
107-T09-1	5	T9	2,5	11,8	20,0	37,5	15
107-T10-1	5	T10	2,7	11,8	20,0	37,5	15
107-T15-1	5	T15	3,3	11,8	20,0	37,5	15
107-T20-1	5	T20	3,8	11,8	20,0	37,5	15
107-T25-1	5	T25	4,4	11,8	20,0	37,5	15
107-T27-1	5	T27	5,0	11,8	20,0	37,5	16
107-T30-1	5	T30	5,5	11,8	20,0	37,5	16
107-T40-1	5	T40	6,6	11,8	20,0	37,5	16



1/4" accessories



- Reversible ratchet
- 72 teeth / 5° Action
- Chrome vanadium alloy steel
- Chrome-plated bright finish
- Quick release
- Two component handle
- Cushion thermo rubber grip
- DIN3120
- DIN3122

R		A	B	C	L	g
105-70-1	5	28	25	23	152	151



- Reversible ratchet
- 72 teeth / 5° Action
- High performance alloy steel
- Chrome-plated high polished finish
- Two component handle
- Cushion thermo rubber grip
- DIN 3122/3120
- ISO 3315
- UNE 16512

R		A	B	C	L	g
105501	1	25	23	21	122	150



- Extensions
- DIN3120
- DIN3122

R		A	B	L	g
105-22-1	5	55	12,2	8,1	20
105-24-1	5	100	12,2	8,1	38
105-26-1	5	150	12,2	8,1	65



- Sliding T handle
- DIN3120
- DIN3122

R		A	B	C	L	g
105-42-1	5	13,5	6,0	24	115	45



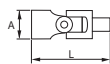
- Flexible extension
- DIN3120

R		L	A	B	g
105-28-1	5	148	12,5	8	57



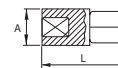
- Spinner handle
- DIN3120

R		A	L	g
105-50-1	5	61	150	88



- Universal Joint
- DIN3120
- DIN3122

R		A mm	L mm	g
105-40-1	5	13,8	38,0	27



- Increasing adaptor 1/4" to 3/8"
- DIN3120
- DIN3122

R		A mm	L mm	g
105-46-1	5	12,0	26,0	31

- Bit holder
- 1/4" female square to 1/4" female hex
- DIN3120

R		A mm	L mm	g
105-48-1	5	11,9	25,0	12



1/4" socket set

109-35-4

1/4"
6,3 mm

- 35 pcs socket set
- Hex sockets, metric sizes
- Chrome vanadium alloy steel
- Chrome-plated bright finish
- DIN3120, DIN3124 and DIN3122
- Box in high density polyethylene

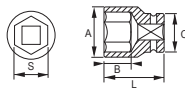
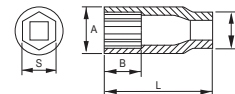
R			g
109-35-4	1	250x170x60	1.200

101			4, 4.5, 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13 mm
105-70-1			
105-42-1			
105-50-1			
105-22-1			
105-24-1			
040			1.5, 2, 2.5 mm
105-48-1			1/4" - 1/4"
475-PH			1/4" PH-1, PH-2, PH-3
475-PZ			1/4" PZ-1, PZ-2, PZ-3
475-			1/4" SL 3, 4, 5.5 mm
475-H			1/4" Hex 3, 4, 5, 6 mm



NPP drives the bolt
on the sides and
not on the corners

3/8" sockets

3/8"
10 mmNPP drives the bolt
on the sides and
not on the cornersNPP drives the bolt
on the sides and
not on the corners

- Chrome vanadium alloy steel
- Chrome-plated bright finish
- Wave shape profile NPP
- DIN3120
- DIN3124

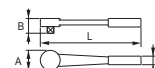
- Deep sockets
- Chrome vanadium alloy steel
- Chrome-plated bright finish
- Wave shape profile NPP
- DIN3120

		S	A	B	C	L	g
mm	mm	mm	mm	mm	mm	mm	mm
112-06-1	5	6	10,5	9,0	17,0	28,0	21
112-07-1	5	7	11,0	9,0	17,0	28,0	24
112-08-1	5	8	12,2	9,0	17,0	28,0	27
112-09-1	5	9	13,5	9,0	17,0	28,0	26
112-10-1	5	10	14,7	9,0	17,0	28,0	24
112-11-1	5	11	16,0	9,0	17,0	28,0	26
112-12-1	5	12	18,0	15,0	17,0	28,0	24
112-13-1	5	13	19,0	15,0	17,0	28,0	29
112-14-1	5	14	20,0	15,0	17,7	28,0	38
112-15-1	5	15	22,0	15,0	17,9	28,0	40
112-16-1	5	16	22,0	15,0	17,9	28,0	46
112-17-1	5	17	24,0	15,0	18,8	30,0	56
112-18-1	5	18	26,0	15,0	19,8	30,0	75
112-19-1	5	19	26,0	15,0	20,7	30,0	66
112-20-1	5	20	28,0	15,0	21,8	30,0	88
112-21-1	5	21	28,0	15,0	21,8	30,0	84
112-22-1	5	22	30,0	15,0	22,8	32,0	104

		S	A	B	C	L	g
mm	mm	mm	mm	mm	mm	mm	mm
113-07-1	5	7	11,0	16,0	17,0	64,0	45
113-08-1	5	8	12,2	16,0	17,0	64,0	49
113-09-1	5	9	13,5	16,0	17,0	64,0	53
113-10-1	5	10	14,7	16,0	17,0	64,0	60
113-11-1	5	11	17,0	29,0	16,0	64,0	61
113-12-1	5	12	18,0	29,0	17,2	64,0	63
113-13-1	5	13	19,0	29,0	16,8	64,0	75
113-14-1	5	14	20,0	29,0	17,8	64,0	81
113-16-1	5	16	22,0	29,0	18,0	64,0	98
113-17-1	5	17	24,0	29,0	18,9	64,0	123
113-19-1	5	19	26,0	29,0	20,8	64,0	145

3/8" accessories

- Reversible ratchet
- 72 teeth / 5° Action
- Chrome vanadium alloy steel
- Chrome-plated bright finish
- Quick release
- Two component handle
- Cushion thermo rubber grip
- DIN3120
- DIN3122

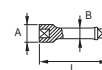


		A	B	C	L	g
mm	mm	mm	mm	mm	mm	mm
115-70-1	5	33	33	32	202	341



- Reversible ratchet
- 72 teeth / 5° Action
- High performance alloy steel
- Chrome-plated high polished finish
- Two component handle
- Cushion thermo rubber grip
- DIN 3122/3120
- ISO 3315
- UNE 16512

R		A mm	B mm	C mm	L mm	g
115501	1	29	30	24	197	230



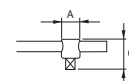
- Extensions
- DIN3120
- DIN3122

R		A mm	B mm	L mm	g
115-20-1	5	75	17,0	12,1	125
115-22-1	5	150	17,0	12,1	138
115-24-1	5	250	17,0	12,1	232



- Sliding T handle
- DIN3120
- DIN3122

R		A mm	B mm	C mm	L mm	g
115-42-1	5	17,5	8,5	35	152	114



- Sliding T handle head
- DIN3120

R		A mm	C mm	g
115-43-1	5	24,0	40,5	30



- Universal Joint
- DIN3120
- DIN3122

R		A mm	L mm	g
115-40-1	5	17,8	59,0	61



- Reducing adaptor 3/8" to 1/4"
- DIN3120

R		A mm	L mm	g
115-46-1	5	16,0	25,0	17

3/8" accessories



- Increasing adaptor 3/8" to 1/2"
- DIN3120

R		A mm	L mm	g
115-44-1	5	18,0	35,5	45

- Bit holder
- 3/8" female square to 5/16" female hex
- DIN3120

R			A mm	L mm	g
115-48-1	5	5/16"	15,4	28,0	24

3/8" socket set

119-18-4

3/8"
10 mm

- 18 pcs socket set
- Hex sockets, metric sizes
- Chrome vanadium alloy steel
- Chrome-plated bright finish
- DIN3120, DIN3124 and DIN3122
- Box in high density polyethylene
- Box with metal locks

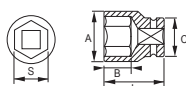
R			g
119-18-4	1	320x250x75	3250

112			7, 8, 10, 11, 12, 13, 14, 15, 16, 17, 19, 21, 22 mm
115-70-1			115-43-1
115-20-1			115-22-1
115-40-1			







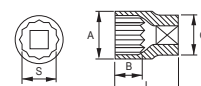
NPP drives the bolt
on the sides and
not on the corners

1/2" sockets





1/2"
12.5 mmNPP drives the bolt
on the sides and
not on the corners





- Chrome vanadium alloy steel
- Chrome-plated bright finish
- Wave shape profile NPP
- DIN3120
- DIN3124

			S mm	A mm	B mm	C mm	L mm	
121-08-1	5	8	14,8	13,0	22,0	38,0	50	
121-09-1	5	9	15,3	13,0	22,0	38,0	48	
121-10-1	5	10	15,3	13,0	22,0	38,0	49	
121-11-1	5	11	16,5	13,0	22,0	38,0	50	
121-12-1	5	12	17,8	13,0	22,0	38,0	52	
121-13-1	5	13	19,0	13,0	22,0	38,0	54	
121-14-1	5	14	20,3	13,0	22,0	38,0	56	
121-15-1	5	15	22,0	17,8	20,5	38,0	57	
121-16-1	5	16	22,0	17,8	20,5	38,0	71	
121-17-1	5	17	24,0	17,8	21,9	38,0	72	
121-18-1	5	18	25,0	17,8	22,9	38,0	90	
121-19-1	5	19	26,0	17,8	22,9	38,0	84	
121-20-1	5	20	28,0	17,8	23,9	38,0	87	
121-21-1	5	21	28,0	17,8	23,9	38,0	95	
121-22-1	5	22	30,0	17,8	26,1	38,0	97	
121-23-1	5	23	32,0	17,8	28,1	38,0	103	
121-24-1	5	24	32,0	17,8	28,1	38,0	109	
121-25-1	5	25	34,0	17,8	29,1	40,0	146	
121-26-1	5	26	34,0	17,8	29,1	42,0	192	
121-27-1	5	27	36,0	17,8	30,1	42,0	211	
121-28-1	5	28	38,0	17,8	32,1	42,0	212	
121-30-1	5	30	40,0	17,8	34,1	44,0	214	
121-32-1	5	32	42,0	17,8	36,1	44,0	217	

1/2"
12.5 mmNPP drives the bolt
on the sides and
not on the corners

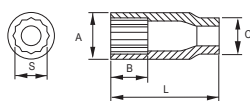
- Chrome vanadium alloy steel
- Chrome-plated bright finish
- Wave shape profile NPP
- DIN3120
- DIN3124

  	S mm	A mm	B mm	C mm	L mm		
122-08-1	5	8	14,8	13,0	22,0	38,0	50
122-09-1	5	9	15,3	13,0	22,0	38,0	48
122-10-1	5	10	15,3	13,0	22,0	38,0	49
122-11-1	5	11	16,5	13,0	22,0	38,0	50
122-12-1	5	12	17,8	13,0	22,0	38,0	52
122-13-1	5	13	19,0	13,0	22,0	38,0	54
122-14-1	5	14	20,3	13,0	22,0	38,0	56
122-15-1	5	15	22,0	17,8	20,5	38,0	57
122-16-1	5	16	22,0	17,8	20,5	38,0	71
122-17-1	5	17	24,0	17,8	21,9	38,0	72
122-18-1	5	18	25,0	17,8	22,9	38,0	90
122-19-1	5	19	26,0	17,8	22,9	38,0	84
122-20-1	5	20	28,0	17,8	23,9	38,0	87
122-21-1	5	21	28,0	17,8	23,9	38,0	95
122-22-1	5	22	30,0	17,8	26,1	38,0	97
122-23-1	5	23	32,0	17,8	28,1	38,0	103
122-24-1	5	24	32,0	17,8	28,1	38,0	109
122-27-1	5	27	36,0	17,8	30,1	42,0	211
122-30-1	5	30	40,0	17,8	34,1	44,0	214
122-32-1	5	32	42,0	17,8	36,1	44,0	217

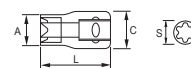
			S	A mm	B mm	C mm	L mm	
122A-12-1	5	3/8"	15,5	13,0	22,0	38,0	45	
122A-14-1	5	7/16"	16,7	13,0	22,0	38,0	49	
122A-16-1	5	1/2"	19,2	13,0	22,0	38,0	54	
122A-18-1	5	9/16"	20,5	13,0	22,0	38,0	55	
122A-20-1	5	5/8"	22,0	17,8	20,6	38,0	69	
122A-22-1	5	11/16"	24,0	17,8	21,9	38,0	71	
122A-24-1	5	3/4"	26,0	17,8	22,9	38,0	75	
122A-26-1	5	13/16"	28,0	17,8	23,9	38,0	76	
122A-28-1	5	7/8"	30,0	17,8	26,1	38,0	88	
122A-30-1	5	15/16"	32,0	17,8	28,1	38,0	104	
122A-34-1	5	1.1/16"	36,0	17,8	30,1	42,0	141	
122A-38-1	5	1.3/16"	40,0	17,8	34,1	44,0	214	
122A-40-1	5	1.1/4"	42,0	17,8	36,1	44,0	233	

1/2" sockets

1/2" TORX® SOCKETS







NPP drives the bolt
on the sides and
not on the corners



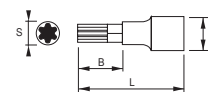
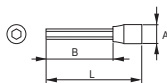
- Chrome vanadium alloy steel
- Chrome-plated bright finish
- Wave shape profile NPP
- DIN3120
- DIN3124

- DIN3120

Q		S	A	B	C	L	g
mm	mm	mm	mm	mm	mm	mm	g
124-10-1	5	10	15,3	27,0	22,0	78,0	78
124-11-1	5	11	16,5	27,0	22,0	78,0	86
124-12-1	5	12	17,8	27,0	22,0	78,0	103
124-13-1	5	13	19,0	27,0	22,0	78,0	108
124-14-1	5	14	20,3	27,0	22,0	78,0	109
124-15-1	5	15	22,0	31,0	22,0	78,0	113
124-16-1	5	16	22,0	31,0	22,0	78,0	115
124-17-1	5	17	24,0	31,0	22,0	78,0	123
124-18-1	5	18	25,0	31,0	22,8	78,0	149
124-19-1	5	19	26,0	31,0	22,8	78,0	135
124-21-1	5	21	28,0	31,0	23,8	78,0	151
124-22-1	5	22	30,0	31,0	26,0	78,0	190
124-24-1	5	24	32,0	31,0	28,0	78,0	220
124-27-1	5	27	36,0	31,0	30,0	78,0	250
124-30-1	5	30	40,0	31,0	34,0	78,0	341
124-32-1	5	32	42,0	31,0	36,0	78,0	382

			S mm	A mm	C mm	L mm	
126-10-1	5	E-10	9,4	14,7	22,0	38,0	55
126-11-1	5	E-11	10,0	15,2	22,0	38,0	53
126-12-1	5	E-12	11,1	16,0	22,0	38,0	57
126-14-1	5	E-14	12,9	17,0	22,0	38,0	59
126-16-1	5	E-16	14,7	22,0	20,1	38,0	65
126-18-1	5	E-18	16,6	24,0	21,8	38,0	77
126-20-1	5	E-20	18,4	24,0	21,8	38,0	73
126-24-1	5	E-24	22,1	28,0	23,8	38,0	110

1/2" bit drivers

1/2"
12.5 mm

- Hexagonal bit driver
- DIN3120

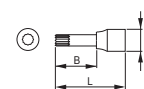
R			A mm	B mm	L mm	g
180-04-1	5	4	21,8	22	60	70
180-05-1	5	5	21,8	22	60	71
180-06-1	5	6	21,8	22	60	72
180-07-1	5	7	21,8	22	60	72
180-08-1	5	8	21,8	22	60	73
180-10-1	5	10	21,8	22	60	81
180-12-1	5	12	21,8	22	60	89
180-14-1	5	14	21,8	22	60	96
180-17-1	5	17	23,8	22	60	100
180-05X-1	5	5	21,8	62	100	89
180-06X-1	5	6	21,8	62	100	90
180-07X-1	5	7	21,8	62	100	91
180-08X-1	5	8	21,8	62	100	91
180-10X-1	5	10	21,8	62	100	109
180-12X-1	5	12	21,8	62	100	130

- Torx® bit driver
- DIN3120

R			S mm	A mm	B mm	L mm	g
183-20-1	5	T20	3,84	21,8	22	60	69
183-25-1	5	T25	4,40	21,8	22	60	69
183-27-1	5	T27	4,96	21,8	22	60	70
183-30-1	5	T30	5,49	21,8	22	60	70
183-40-1	5	T40	6,60	21,8	22	60	70
183-45-1	5	T45	7,77	21,8	22	60	70
183-50-1	5	T50	8,79	21,8	22	60	71
183-55-1	5	T55	11,17	21,8	22	60	76
183-60-1	5	T60	13,20	21,8	22	60	81
183-40X-1	5	T40	6,60	21,8	82	120	95
183-45X-1	5	T45	7,77	21,8	82	120	96
183-50X-1	5	T50	8,79	21,8	82	120	98
183-55X-1	5	T55	11,17	21,8	102	140	117

- XZN bit driver
- DIN3120

R			A mm	B mm	L mm	g
185-05-1	5	M 5	21,8	22	60	67
185-06-1	5	M 6	21,8	22	60	69
185-08-1	5	M 8	21,8	22	60	69
185-10-1	5	M 10	21,8	22	60	77
185-12-1	5	M 12	21,8	22	60	85
185-14-1	5	M 14	21,8	22	60	90
185-16-1	5	M 16	21,8	22	60	95
185-06X-1	5	M 6	21,8	62	100	87
185-08X-1	5	M 8	21,8	62	100	89
185-10X-1	5	M 10	21,8	62	100	105
185-12X-1	5	M 12	21,8	62	100	123



1

2

3

4

5

6

7

8

9

10

11

12

1/2" accessories



- Reversible ratchet
- 72 teeth / 5° Action
- Chrome vanadium alloy steel
- Chrome-plated bright finish
- Quick release
- Two component handle
- Cushion thermo rubber grip
- DIN 3122/3120

R		A mm	B mm	C mm	L mm	g
125-70-1	5	42	41	36	262	591



- Reversible ratchet
- 72 teeth / 5° Action
- High performance alloy steel
- Chrome-plated high polished finish
- Two component handle
- Cushion thermo rubber grip
- DIN 3122/3120
- ISO 3315
- UNE 16512

R		A mm	B mm	C mm	L mm	g
125501	1	39	41	30	251	614



- Sliding T handle
- DIN3120
- DIN3122

R		A mm	B mm	C mm	L mm	g
125-42-1	5	23,5	13,5	45	250	272



- Sliding T handle head
- DIN3120

R		A mm	C mm	g
125-43-1	5	24,0	44	73



- Universal Joint
- DIN3120
- DIN3122

R		A mm	L mm	g
125-40-1	5	23,8	72,0	146



- Extensions
- DIN3120
- DIN3122

R		A mm	B mm	L mm	g
125-22-1	5	75	22,4	15,7	120
125-23-1	5	125	22,4	15,7	193
125-25-1	5	150	22,4	15,7	380



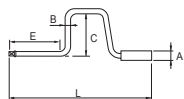
- Reducing adaptor 1/2" to 3/8"
- DIN3120
- DIN3122

R		A mm	L mm	g
125-46-1	5	22,0	35,5	45



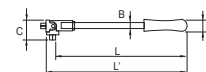
- Increasing adaptor 1/2" to 3/4"
- DIN3120
- DIN3122

R		A mm	L mm	g
125-44-1	5	25,0	50,0	140



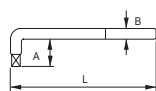
- Speed brace
- DIN3120
- DIN3122

R		A mm	B mm	C mm	E mm	L mm	g
125-49-1	5	31,0	12,7	75	152	420	575



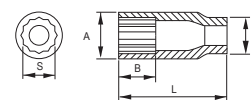
- Swivel handle
- DIN3120

R		L' mm	L mm	A mm	B mm	C mm	g
125-52-1	5	375	355,0	35	12	40	692



- L handle
- DIN3120
- DIN3122

R		A mm	B mm	L mm	g
125-60-1	5	46	14	250	456



- Spark plug socket

R		S mm	A mm	B mm	C mm	L mm	g
125-53-1	5	5/8" - 16	22,0	32,0	22,0	65,0	90
125-54-1	5	13/16" - 21	28,0	31,0	24,0	65,0	146

- Bit holder
- 1/2" female square to 5/16" female hex
- DIN3120

			A mm	L mm	
125-48-1	5	5/16"	17.0	38.5	56



1/2" socket set








1/2" SOCKET SET

129-23-4

1/2"

12.5 mm

- 23 pcs socket set
- Hex sockets, metric sizes
- Chrome vanadium alloy steel
- Chrome-plated bright finish
- DIN3120, DIN3124 and DIN3122
- Box in high density polyethylene
- Box with metal locks

129-23-4	1	320x250x75	3.500	
121			8, 10, 12, 13, 14, 16, 17, 19, 20, 21, 22, 23, 24, 26, 27, 28, 30, 32 mm	
125-70-1			125-43-1	
125-23-1			125-25-1	
125-40-1				



NPP drives the bolt
on the sides and
not on the corners

1/2" - 1/4" SOCKET SET

129-58-4



























1/4"

6.3 mm

1/2"

12.5 mm

- 58 pcs socket set
- Hex sockets, metric sizes
- Chrome vanadium alloy steel
- Chrome-plated bright finish
- DIN3120, DIN3124 and DIN3122
- Box in high density polyethylene
- Box with metal locks

129-58-4	1	380x280x80	4.750	
101			4, 4.5, 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13 mm	
121			8, 10, 12, 13, 14, 16, 17, 19, 20, 21, 22, 23, 24, 26, 27, 28, 30, 32 mm	
040			1.5, 2, 2.5 mm	
105-48-1			1/4" - 1/4"	
475-PH			1/4" PH-1, PH-2, PH-3	
475-PZ			1/4" PZ-1, PZ-2, PZ-3	
475-			1/4" SL 3, 4, 5.5 mm	
475-H			1/4" Hex 3, 4, 5, 6 mm	
105-70-1			125-70-1	
105-42-1			125-43-1	
105-22-1			105-24-1	
2"			4"	
105-23-1			125-25-1	
5"			-10"	
105-40-1			125-40-1	
105-50-1				















































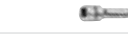



NPP drives the bolt
on the sides and
not on the corners

1/2" - 1/4" SOCKET SET

129-101-4

1/4" 1/2"
6.3 mm 12.5 mm

- 101 pcs socket set
- Hex sockets, metric sizes
- Chrome vanadium alloy steel
- Chrome-plated bright finish
- DIN3120, DIN3124 and DIN3122
- Box in high density polyethylene
- Box with metal locks

   			
129-101-4	1	380x280x80	7.000
101			4, 4.5, 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13, 14 mm
121			8, 10, 12, 13, 14, 16, 17, 19, 20, 21, 22, 23, 24, 26, 27, 28, 30, 32 mm
103			6, 7, 8, 10, 11, 12, 13, 14 mm
124			13, 17, 19, 22 mm
107-T			T8, T10, T15, T20, T25, T30
107-H			3, 4, 5, 6 mm
107-PH			PH-1, PH-2
107-PZ			PZ-1, PZ-2
107-SL			4, 5.5, 8 mm
040			1.5, 2, 2.5 mm
105-48-1			1/4" - 1/4"
475-T			1/4" T 10, 15, 20, 25, 27, 30
475-H			1/4" Hex 3, 4, 5 mm
125-48-1			1/2"-5/16"
470-T			5/16" T 30, 40, 45, 50, 55, 60
470-H			5/16" Hex 6, 7, 8, 10, 12, 14 mm
470			5/16" SL8, 10, 12 mm
105-70-1		125-70-1	
105-42-1		125-43-1	
105-50-1		105-28-1	
105-22-1 2"		105-24-1 4"	
105-23-1 5"		125-25-1 -10"	
105-40-1		125-40-1	



NPP drives the bolt
on the sides and
not on the corners

1

2

3

4

5

6

7

8

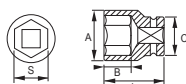
9

10

11

12

3/4" sockets

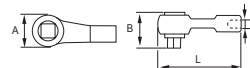
3/4"
20 mmNPP drives the bolt
on the sides and
not on the corners

- Chrome vanadium alloy steel
- Chrome-plated bright finish
- Wave shape profile NPP
- DIN3124
- DIN3120

R		S	A	B	C	L	g
131-19-1	1	19	30	12	36	50	200
131-22-1	1	22	33	12	36	50	215
131-23-1	1	23	34	14	36	50	215
131-24-1	1	24	34	16	36	50	215
131-25-1	1	25	38	16	36	50	220
131-26-1	1	26	38	16	36	52	220
131-27-1	1	27	38	18	36	52	240
131-28-1	1	28	38	18	36	52	250
131-29-1	1	29	42	18	38	52	260
131-30-1	1	30	42	20	38	52	275
131-32-1	1	32	44	22	38	52	310
131-33-1	1	33	46	22	38	55	340
131-34-1	1	34	46	22	38	57	330
131-35-1	1	35	48	24	42	57	380
131-36-1	1	36	50	24	42	57	415
131-38-1	1	38	52	26	44	57	455
131-40-1	1	40	56	27	44	63	505
131-41-1	1	41	56	27	44	63	545
131-42-1	1	42	58	27	44	63	600
131-46-1	1	46	62	30	44	68	650
131-50-1	1	50	68	33	44	72	755
131-55-1	1	55	75	36	48	75	1.000
131-60-1	1	60	80	39	48	77	1.100

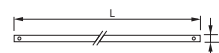
R		S	A	B	C	L	g
132A-28-1	1	7/8"	33	12	36	50	215
132A-30-1	1	15/16"	35	16	36	50	215
132A-32-1	1	1"	38	16	36	52	200
132A-34-1	1	1.1/16"	38	18	36	54	240
132A-36-1	1	1.1/8"	42	18	38	55	280
132A-40-1	1	1.1/4"	44	22	38	55	310
132A-42-1	1	1.5/16"	46	22	38	57	340
132A-44-1	1	1.3/8"	48	24	42	57	380
132A-46-1	1	1.7/16"	50	24	42	57	415
132A-48-1	1	1.1/2"	52	26	44	57	455
132A-52-1	1	1.5/8"	56	27	44	63	545
132A-54-1	1	1.11/16"	58	27	44	63	600
132A-60-1	1	1.7/8"	65	30	44	68	700
132A-64-1	1	2"	68	33	44	72	755

3/4" accessories



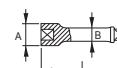
- Reversible ratchet head
- 24 teeth
- Chrome vanadium alloy steel
- Chrome-plated bright finish
- Quick release
- DIN3120
- DIN3122

R		A	B	C	L	g
135-70-1	1	65	61,5	20	155	1.360



- Ratchet handle

R		A	C	g
135-85-1	1	450	20	1.100



- Extensions
- Ball retaining system

R		L	A	B	g
135-21-1	1	125	36	23	515
135-22-1	1	200	36	23	725
135-24-1	1	400	36	23	1.350



- Sliding T handle
- Ball retaining system

R		A mm	B mm	C mm	L mm	g
135-42-1	1	36	20	60	450	1.335



- Swivel handle
- Ball retaining system

R		L mm	H mm	g
135-52-1	1	450	40	1.700



- Sliding T handle head
- Ball retaining system

R		A mm	B mm	C mm	g
135-43-1	1	35	20,5	60	235



- Universal Joint
- Ball retaining system

R		A mm	L mm	g
135-40-1	1	40	108	540



- Reducing adaptor 3/4" to 1/2"
- Ball retaining system

R		A mm	L mm	g
135-46-1	1	36	54	260

3/4" socket set

139-17-4

3/4"
20 mm



NPP drives the bolt on the sides and not on the corners

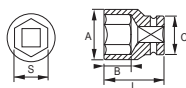
- 17 pcs socket set
- Hex sockets, metric sizes
- Chrome vanadium alloy steel
- Chrome-plated bright finish
- DIN3120, DIN3124 and DIN3122
- Box in high density polyethylene
- Box with metal locks

R			g
139-17-4	1	475x295x100	12.500

131		22, 24, 27, 30, 32, 33, 34, 36, 38, 41, 46, 50 mm
135-70-1		135-24-1
135-85-1		135-43-1
135-22-1		

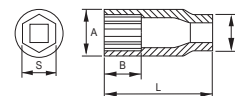
3/8" impact sockets





3/8"
10 mm



- UNE 16507
- ISO 2725
- DIN 3129

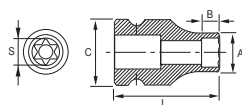
3/8" IMPACT SOCKETS LONG SERIE



			S mm	A mm	B mm	C mm	L mm	
160071	1	7	12,5	4,3	19	26	30	
160081	1	8	12,9	4,6	19	26	30	
160091	1	9	14,5	5,1	19	26	30	
160101	1	10	15,9	6	19	26	31	
160111	1	11	16,7	7,1	19	26	32	
160121	1	12	18,1	7,1	22	27	31	
160131	1	13	19,7	7,4	22	27	49	
160141	1	14	20,5	9,2	22	27	45	
160151	1	15	21,3	9,2	22	28	45	
160161	1	16	22,8	10,4	22	28	48	
160171	1	17	24,5	10,4	22	29	58	
160181	1	18	25,3	11	22	29	56	
160191	1	19	26,9	11,7	22	30	62	
160201	1	20	28,5	12,2	22	31	70	
160211	1	21	29,2	12,5	22	31	71	
160221	1	22	30,1	13	22	33	74	
160241	1	24	33,2	14,5	22	34	93	

			S mm	A mm	B mm	C mm	L mm	
161101	1	10	15,9	9,6	19	65	68	
161131	1	13	19,7	10,4	19	54	87	
161171	1	17	24,5	11,2	22	37	175	

3/8" TORX® IMPACT SOCKETS



R			S mm	A mm	B mm	C mm	L mm	g
163051	1	E-5	4,7	8,5	4,8	19	28	29
163061	1	E-6	5,7	9,7	4,8	19	28	30
163071	1	E-7	6,2	10,3	6,1	19	28	31
163081	1	E-8	7,5	11,6	6,6	19	28	32
163101	1	E-10	9,4	13,5	7,6	19	28	33
163121	1	E-12	11,1	15,3	8,9	19	28	34
163141	1	E-14	12,9	17,5	10,2	19	28	36

TORX® IMPACT SOCKET RAIL SET 163201



R			S mm	A mm	B mm	C mm	L mm	g
163201	1	7	E-5 - E-6 - E-7 - E-8 - E-10 - E-12 - E-14					325

3/8" accessories



- Extensions
- DIN16503
- ISO1174

R		L mm	A mm	B mm	g
162001	1	75	20	12,6	90
162021	1	150	20	10	150



- Universal Joint
- DIN16503
- ISO1174

R		A mm	L mm	g
162501	1	20	58	115



- 3/8" to 1/4" reducing adaptor
- DIN16503
- ISO1174
- Due to the special working conditions of this adaptor, it is not guaranteed against male failure

R		A mm	L mm	g
162651	1	22	32	48



- 3/8" to 1/2" increasing adaptor
- DIN16503
- ISO1174

R		A mm	L mm	g
162601	1	20	50	87



- 3/8" adaptor for 1/4" bits

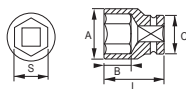
R		A mm	B mm	L mm	g
162551	1	12	19	30	28



- 3/8" safety rings

R					g
162931	1	3/8"	7-12	E5-E14	2
162941	1	3/8"	13-24		2

1/2" impact sockets





1/2"
12.5 mm

SOCKET RAIL SETS

167901 - 167911

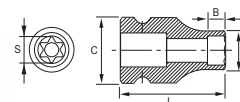


- UNE 16507
- ISO 2725
- DIN 3129

			S mm	A mm	B mm	C mm	L mm	
167081	1	8	15	7	25	38	75	
167091	1	9	16	8	25	38	80	
167101	1	10	17	8	25	38	80	
167111	1	11	19	9	25	38	85	
167121	1	12	20	9	25	38	85	
167131	1	13	21	10	25	38	80	
167141	1	14	23	10	25	38	80	
167151	1	15	23	10	30	38	125	
167161	1	16	25	12	30	38	125	
167171	1	17	26	12	30	38	120	
167371	1	17 refor.	30	8	30	38	145	
167181	1	18	28	13	30	38	125	
167191	1	19	29	14	30	38	125	
167391	1	19 refor.	33	10	30	40	165	
167201	1	20	30	14	30	38	128	
167211	1	21	31	14	30	38	140	
167221	1	22	33	14	30	38	140	
167231	1	23	34	14	30	38	140	
167241	1	24	35	19	30	38	170	
167251	1	25	36	19	30	45	187	
167261	1	26	38	21	30	45	180	
167271	1	27	39	21	30	45	195	
167301	1	30	42	24	30	50	225	
167321	1	32	44	22	38	50	273	
167341	1	34	45	23	38	50	397	
167361	1	36	48	23	38	50	458	

			S	A mm	B mm	C mm	L mm	
167661	1		3/8"	17	7	25	38	85
167681	1		7/16"	18,5	7	25	38	83
167701	1		1/2"	20,5	7	25	38	85
167711	1		9/16"	22,5	8	25	38	85
167731	1		5/8"	25	8	30	38	130
167751	1		11/16"	26,5	8	30	38	130
167191	1		3/4" = 19 mm	29	10	30	40	130
167771	1		13/16"	31	10	30	40	130
167791	1		7/8"	33	10	30	40	150
167801	1		15/16"	35	14	30	45	175
167821	1		1"	36,5	14	30	45	190
167271	1		1.1/16" = 27 mm	39	15	30	46	200
167841	1		1.1/8"	40,7	15	30	46	205
167861	1		1.1/4"	44	20	38	40	256

1/2" TORX® IMPACT SOCKETS



R			S mm	A mm	B mm	C mm	L mm	g
169101	1	E - 10	9,4	15	8,9	25	38	68
169121	1	E - 12	11,1	16	8,9	25	38	70
169141	1	E - 14	12,9	18,5	11,4	25	38	73
169161	1	E - 16	14,7	20	11,4	25	38	74
169181	1	E - 18	16,6	22	12,5	25	38	76
169201	1	E - 20	18,4	25	14	30	38	83
169241	1	E - 24	22,1	28,5	16,5	30	45	121

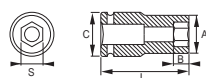
SOCKET RAIL SETS

169291



R			S	A mm	B mm	C mm	L mm	g
169291	1	7	E-10 - E-12 - E-14 - E-16 - E-18 - E-20 - E-24					660

1/2" IMPACT SOCKETS LONG SERIE



SOCKET RAIL SET

168901

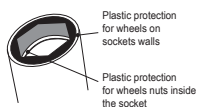
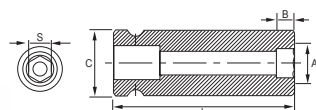



R		S	A	B	C	L	g
mm	mm	mm	mm	mm	mm	mm	g
168101	1	10	17	7,6	25	78	109
168111	1	11	18	8,6	25	78	113
168121	1	12	19,5	9,4	25	78	141
168131	1	13	21	10,2	25	78	154
168141	1	14	22	10,7	25	78	181
168161	1	16	23,5	12	30	78	230
168171	1	17	26	12,7	30	78	230
168181	1	18	26	12,7	30	78	230
168191	1	19	28	14,2	30	78	237
168211	1	21	31	14,2	30	78	258
168221	1	22	32,5	14,2	30	78	319
168231	1	23	32,5	16,3	30	78	339
168241	1	24	35	16,3	30	78	342
168271	1	27	38	20,3	30	78	364
168301	1	30	42	21,6	30	78	400

R		g
mm	mm	g
168901	1	7
	10 - 13 - 17 - 19 - 22 - 24 - 27 mm	1.735

Sockets for wheels

SOCKET FOR WHEELS



			A mm	B mm	C mm	L mm	
167471	1	17	27	17	30	86	200
167491	1	19	29	17	30	86	230
167511	1	21	31	22	30	86	255
167521	1	22	33	22	30	86	260
167541	1	24	35	22	30	86	260

SETS IN PLASTIC BOX

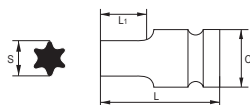
167931 - 167951



R		g
mm	mm	g
167931	1	3
	17, 19, 21 mm	820
167951	1	5
	17, 19, 21, 22, 24 mm	1.400

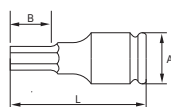
1/2" impact bit drivers

1/2" IMPACT SOCKET WITH TORX® BIT



R			S mm	C mm	L mm	g
170251	1	T25	4,4	25	55	78
170271	1	T27	5	25	55	78
170301	1	T30	5,5	25	55	80
170401	1	T40	6,6	25	55	80
170451	1	T45	7,8	25	55	82
170501	1	T50	8,8	25	55	84
170551	1	T55	11,2	25	55	92
170601	1	T60	13,2	25	55	98









1/2" IMPACT SOCKET WITH HEXAGONAL BIT



R			B mm	A mm	L mm	g
166051	1	5	25	8	44	65
166061	1	6	25	9	44	65
166081	1	8	25	12	44	65
166101	1	10	25	16	47	65
166121	1	12	30	18	50	140
166141	1	14	30	21	50	140
166171	1	17	30	26	50	140
166191	1	19	30	26	50	140

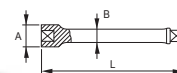


- 1/2" safety rings

							
169921	1	1/4"	10-14	E10-E18	5-10	T25-T-0	2
169931	1	1/4"	15-36	E20-E24	12-19		2

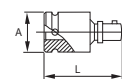
1/2" accessories

1/2"
12.5 mm



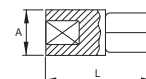
- Extensions
- DIN16503
- ISO1174

R		L mm	A mm	B mm	g
169031	1	75	25	17	130
169011	1	125	25	17	265
169021	1	250	25	17	475



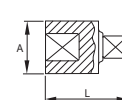
- Universal Joint
- DIN16503
- ISO1174

R		A mm	L mm	g
169251	1	30	60	180



- 1/2" to 3/4" increasing adaptor
- DIN16503
- ISO1174

R		A mm	L mm	g
169601	1	25	45	105

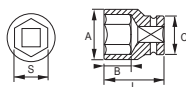


- 1/2" to 3/8" reducing adaptor
- DIN16503
- ISO1174
- Due to the special working conditions of this adaptor, it is not guaranteed against male failure





R		A mm	L mm	g
169651	1	25	38	120





3/4" impact sockets

3/4"
20 mm

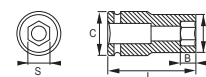





- UNE 16507
- ISO 2725
- DIN 3129

			S mm	A mm	B mm	C mm	L mm	
173171		1	17	30	14	44	51	330
173181		1	18	31	14	44	51	330
173191		1	19	32,5	14	44	51	340
173211		1	21	35	14	44	51	350
173221		1	22	36	14	44	51	350
173231		1	23	37,5	14	44	51	360
173241		1	24	38,5	14	44	51	370
173271		1	27	42,5	20	44	53	390
173281		1	28	44	20	44	53	400
173291		1	29	45	20	44	53	400
173301		1	30	46	20	44	53	430
173321		1	32	48,5	21	44	57	460
173331		1	33	50	21	44	57	480
173341		1	34	51	21	44	57	500
173361		1	36	53,5	21	44	57	510
173381		1	38	56	21	44	57	550
173411		1	41	60	22	44	58	650
173461		1	46	66	25	44	62	700
173501		1	50	71	30	44	68	830
173551		1	55	77,5	32	54	72	1.100
173601		1	60	83,5	32	54	72	1.200

			S	A mm	B mm	C mm	L mm	
173751	1		11/16"	31	12	44	50	355
173191	1		3/4" = 19 mm	33	12	44	50	360
173771	1		13/16"	35	12	44	50	360
173791	1		7/8"	37	12	44	50	370
173801	1		15/16"	39	12	44	50	375
173821	1		1"	41	12	44	50	375
173271	1		1.1/16" = 27 mm	43	15	44	50	390
173841	1		1.1/8"	45	15	44	50	390
173861	1		1.1/4"	49	17	44	53	440
173871	1		1.5/16"	50	17	44	56	470
173881	1		1.3/8"	54	18	44	56	495
173891	1		1.7/16"	54	18	44	56	540
173381	1		1.1/2" = 38 mm	55	20	44	58	540
173911	1		1.5/8"	61	20	44	58	615
173931	1		1.3/4"	65	22	44	63	710
173461	1		1.13/16" = 46 mm	67	22	44	63	745

3/4" IMPACT SOCKETS LONG SERIE

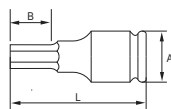


			S mm	A mm	B mm	C mm	L mm	
174171		1	17	31	12,7	44	95	558
174191		1	19	33	14,2	44	95	581
174211		1	21	36	14,2	44	95	676
174221		1	22	37	15,8	44	95	703
174241		1	24	40	15,8	44	95	753
174271		1	27	43	17,6	44	95	803
174301		1	30	47	19,0	44	95	898
174321		1	32	49	22,4	44	95	957
174331		1	33	51	22,4	44	95	1.012
174341		1	34	52	22,4	44	95	984
174361		1	36	55	22,4	44	95	1.084
174411		1	41	61	22,4	44	95	1.270

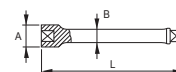
SET IN METAL BOX
173011

R			S	A mm	B mm	C mm	L mm	g
173011	1	8	24, 27, 29, 30, 32, 34, 36, 38 mm					4.000

1/2" square drive hex bit impact socket



3/4" accessories



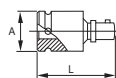
3/4"
20 mm



- Extensions
- DIN16503
- ISO1174

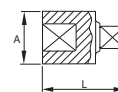
R		mm	B mm	A mm	L mm	g
172121	1	12	38	18	67	280
172141	1	14	38	21	67	280
172171	1	17	38	26	67	280
172191	1	19	44	26	67	450
172221	1	22	44	26	71	460
172241	1	24	44	26	71	500

				A mm	L mm	
175011	1	3/4"	3/4"	44	175	850
175101	1	3/4"	3/4"	44	250	1.190
175021	1	3/4"	3/4"	44	330	1.460



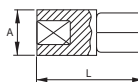
- Universal Joint
- DIN16503
- ISO1174

R		A mm	L mm	g
175251	1	44	88	580



- 3/4" to 1/2" reducing adaptor
- DIN16503
- ISO1174
- Due to the special working conditions of this adaptor, it is not guaranteed against male failure

				A mm	L mm	 g
175651	1	3/4"	1/2"	44	56	350



- 3/4" to 1" increasing adaptor
- DIN16503
- ISO1174

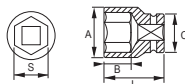
R				A mm	L mm	 g
175601	1	3/4"	1"	44	63	410







- 3/4" safety rings





R					g
175911	1	3/4"	17-46	12-24	2
179931	1	3/4"	50-60		2

1" impact sockets

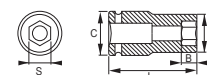
1"
25 mm





- UNE 16507
- ISO 2725
- DIN 3129

			S mm	A mm	B mm	C mm	L mm	
177221	1		22	40	14	54	59	645
177241	1		24	42	16	54	59	650
177271	1		27	46	18	54	59	670
177301	1		30	50	20	54	61	680
177321	1		32	52	21	54	62	695
177331	1		33	53	21	54	62	695
177341	1		34	54	21	54	62	720
177361	1		36	57	23	54	66	800
177381	1		38	60	24	54	67	845
177411	1		41	63	25	54	69	920
177421	1		42	64	25	54	69	950
177461	1		46	70	26	54	75	1.150
177501	1		50	74	29	54	81	1.375
177551	1		55	80	30	54	86	1.540
177601	1		60	86	32	54	90	1.700
177651	1		65	91	33	54	94	1.940
177701	1		70	98	34	54	98	2.450
177751	1		75	105	37	86	102	2.900
177801			80	110	39	86	105	3.300

			S	A mm	B mm	C mm	L mm	
177011	1		1"	43	16	54	59	655
177271	1		1.1/16" = 27 mm	46	18	54	59	670
177021	1		1.1/4"	52	21	54	62	685
177031	1		1.7/16"	57	23	54	66	820
177381	1		1.1/2" = 38 mm	60	24	54	67	845
177051	1		1.5/8"	63	25	54	69	920
177461	1		1.13/16" = 46 mm	70	26	54	75	1.150
177071	1		1.7/8"	71	27	54	78	1.260

1" IMPACT SOCKETS LONG SERIE

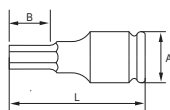


			S mm	A mm	B mm	C mm	L mm	
178221	1	22	40	15,9	54	100	975	
178241	1	24	42	19,1	54	100	1.016	
178271	1	27	46	19,1	54	100	1.134	
178301	1	30	50	21,9	54	100	1.256	
178321	1	32	52	22,4	54	100	1.297	
178331	1	33	53	22,4	54	100	1.311	
178341	1	34	55	22,4	54	100	1.297	
178361	1	36	57	22,9	54	100	1.474	
178381	1	38	60	25,4	54	100	1.479	
178411	1	41	64	28,5	54	100	1.533	
178461	1	46	70	30,2	54	100	1.710	
178501	1	50	75	32	54	100	1.896	
178551	1	55	81	35	54	100	2.155	
178601	1	60	87	38	54	105	2.372	

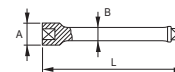
SET IN METAL BOX
177101

R	Icon	S	A	B	C	L	g
177101	1	7	24, 27, 30, 32, 33, 36, 38 mm	5.500	303,87		

1" square drive hex bit impact socket



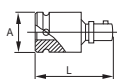
1"
25 mm



- Extensions
- DIN16503
- ISO1174

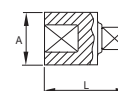
R		mm	B mm	A mm	L mm	g
176171	1	17	54	26	74	680
176191	1	19	54	26	74	700
176221	1	22	54	26	78	730
176271	1	27	54	26	78	790

R		L mm	A mm	B mm	g
179001	1	125	54	33	1.085
179011	1	175	54	33	1.390
179021	1	330	54	33	2.395



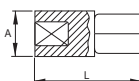
- Universal Joint
- DIN16503
- ISO1174

R		A mm	L mm	g
179521	1	54	110	1.070



- 1" to 3/4" reducing adaptor
- DIN16503
- ISO1174
- Due to the special working conditions of this adaptor, it is not guaranteed against male failure

R		A mm	L mm	g
179651	1	54	72	650



- 1" to 1.1/2" increasing adaptor
- DIN16503
- ISO1174

R		A mm	L mm	g
179601	1	54	83	1.000



- 1" safety rings

R					g
179931	1	1"	19-70	17-27	9
179941	1	1"	75-80		13

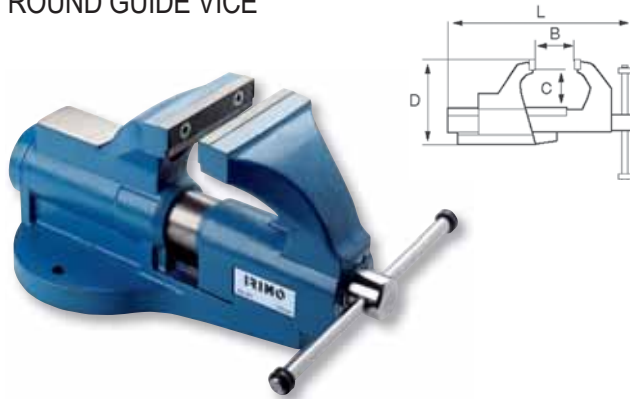


IRIMO

5. CLAMPING TOOLS

Bench vices

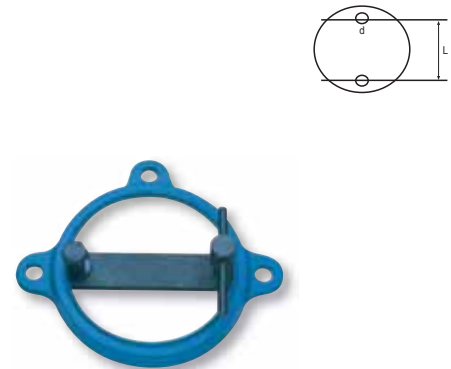
ROUND GUIDE VICE



- Round guide bench vice
- Material: High grade cast steel
- Heavy duty
- Interchangeable jaws
- Oversized anvil
- Laminated spindle thread
- Smooth operation
- Can be used with swivel base

R			B mm	C mm	D mm	L mm	g
201231	1	80	90	42	130	260	5.850
201241	1	100	110	56	166	325	11.350
201251	1	125	130	72	196	375	18.200
201261	1	150	170	80	230	430	29.700

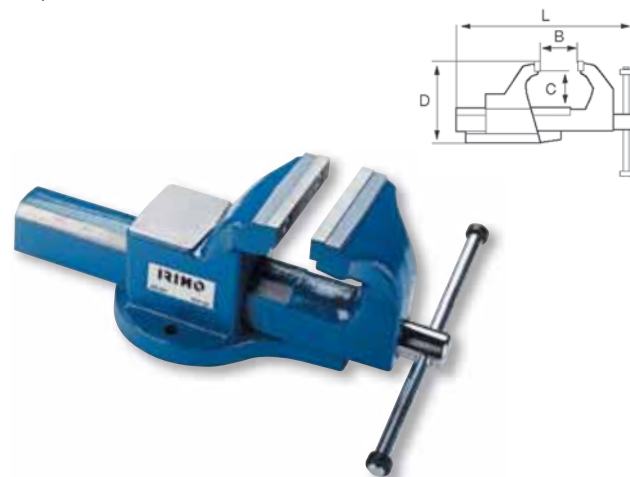
VICE BASE



- Swivel base valid for all round Ø and square □ guide vice models
- Manufactured from high grade cast steel

R		Ø mm	□ mm	L mm	d mm	g
201431	1	80	100	90	11	850
201451	1	100	125	115	13	1.150
201461	1	125	150	145	13	1.500
201471	1	150	175	165	17	2.500

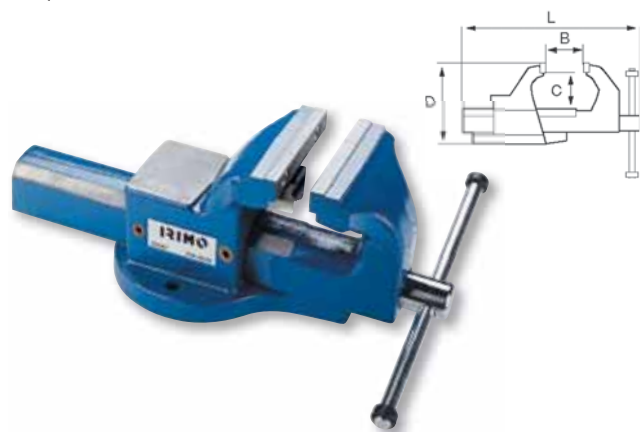
SQUARE GUIDE VICE



- Heavy duty square guide bench vice
- Manufactured from high grade cast steel
- Interchangeable jaws
- Oversized anvil
- Laminated spindle thread for smooth operation
- Can be used with swivel base

R			B mm	C mm	D mm	L mm	g
207041	1	100	145	50	122	325	6.200
207051	1	125	170	63	152	402	13.200
207061	1	150	230	80	182	492	19.800
207071	1	175	250	94	211	551	30.100

SQUARE GUIDE VICE

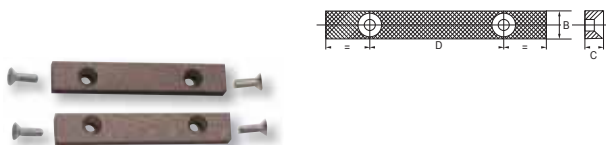


- Heavy duty square guide bench vice
- Manufactured from high grade cast steel
- Interchangeable jaws
- Oversized anvil
- Laminated spindle thread for smooth operation
- Can be used with swivel base
- Free play adjustment via screw mechanism
- With pipe holding jaws

R			B mm	C mm	D mm	L mm	g
216041	1	100	145	50	122	325	6.497
216051	1	125	170	63	152	402	13.733
216061	1	150	230	80	182	492	20.388
216071	1	175	250	94	211	551	30.688

Spare parts

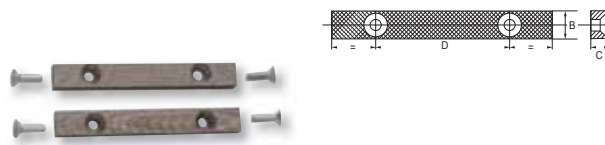
SPARE JAWS



- Pair of spare jaws and screws for round guide vice 201

R		mm	B mm	C mm	D mm	g
202401	1	80	15	10	55	170
202411	1	100	20	12	64	350
202421	1	125	20	12	77	450
202431	1	150	25	14	90	750

SPARE JAWS



- Pair of spare jaws and screws for square guide vices 207 and 216

R		mm	B mm	C mm	D mm	g
202441	1	100	15	10	64	350
202421	1	125	20	12	77	450
202451	1	150	20	12	90	750
202461	1	175	25	14	105	1.020

PAIR OF PIPE JAWS AND SCREWS



- Pair of pipe jaws and screws for square guide vices 207 and 216

R		mm	mm	g
206721	1	100	13,5 - 26,9	245
206741	1	125	21,3 - 76,1	436
206761	1	150 / 175	26,9 - 89,0	478

SPARE SPINDLE AND NUT



- Spare spindle and nut for square guide vice 207 and 216

R		mm	L mm	g
206821	1	100	287	600
206831	1	125	352	1.400
206841	1	150	432	2.200
206851	1	175	471	3.200

SPARE SPINDLE AND BOLT



- Spare spindle and bolt for round guide vice 201

R		mm	L mm	g
202811	1	80	251	875
202821	1	125	317	1.400
202831	1	100	364	2.200
202841	1	150	428	3.400

Bench vices

ACCESSORIES FOR VICES



- Protective jaw set for delicate work
- Aluminium jaws with deep horizontal and vertical groove
- Includes built-in power magnet to fix the jaw in a steel vice

R		mm	g
202561	1	100	180
202571	1	125	200
202581	1	150	220

ACCESSORIES FOR VICES



- Protective jaw set for delicate work
- Polyurethane with deep horizontal and vertical groove
- Includes built-in power magnet to fix the jaw in a steel vice

R		mm	g
202661	1	100	150
202671	1	125	175
202681	1	150	200

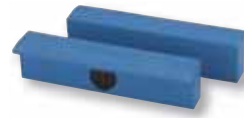
ACCESSORIES FOR VICES



- Protective jaw set for delicate work
- Aluminium jaws with normal horizontal groove
- Includes built-in power magnet to fix the jaw in a steel vice

R		mm	g
202511	1	100	180
202521	1	125	200
202541	1	150	220

ACCESSORIES FOR VICES

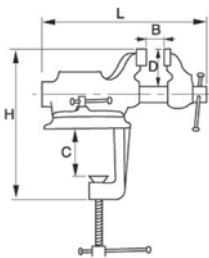


- Protective jaw set for delicate work
- Polyurethane with uniform milling
- Includes built-in power magnet to fix the jaw in a steel vice

R		mm	g
202761	1	100	150
202771	1	125	175
202781	1	150	200

Table vice

ROUND GUIDE TABLE VICE



- Material: High grade cast steel
- Interchangeable jaws. Swivel base
- It can be easily fixed to a table

R		mm	B mm	C mm	D mm	H mm	L mm	g
217161	1	63	63	75	47	225	210	4.500

Spare parts

SPARE JAWS



- Pair of spare jaws and screws for table vice 217

R		mm	g
217261	1	63	150

SPARE SPINDLE

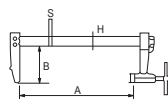
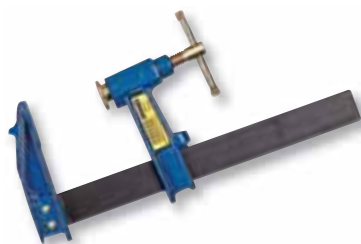


- Spare spindle for table vice 217

R		mm	g
217271	1	63	400

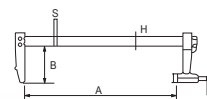
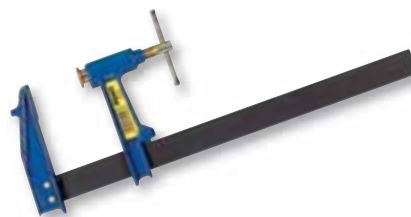
Screw clamps

STEEL CLAMP



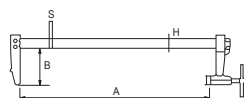
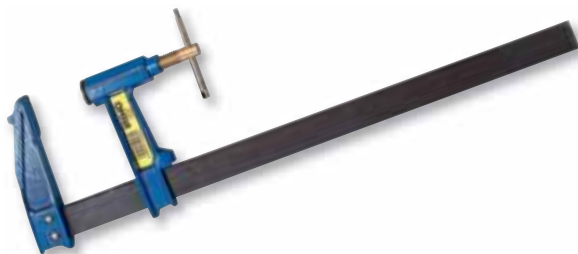
R		A mm	B mm	HxS mm	g
256001	5	150	90	30 x 8	1.100
256011	5	200	90	30 x 8	1.200
256021	5	250	90	30 x 8	1.300
256031	5	300	90	30 x 8	1.400
256041	5	400	90	30 x 8	1.600

STEEL T-HANDLE



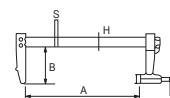
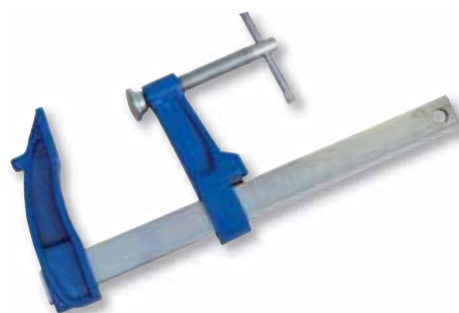
R		A mm	B mm	HxS mm	g
256131	5	300	120	35 x 8	2.000
256141	5	400	120	35 x 8	2.200
256151	5	500	120	35 x 8	2.400
256161	5	600	120	35 x 8	2.600
256181	5	800	120	35 x 8	3.000
256201	5	1.000	120	35 x 8	3.400

NON-SLIP BRAKING MECHANISM



R		A mm	B mm	HxS mm	g
256231	5	300	150	40 x 10	3.100
256241	5	400	150	40 x 10	3.400
256251	2	500	150	40 x 10	3.700
256261	2	600	150	40 x 10	4.000
256281	2	800	150	40 x 10	4.600
256301	2	1.000	150	40 x 10	5.200
256321	1	1.200	150	40 x 10	5.800

LIGHT SCREW CLAMPS



R		A mm	B mm	HxS mm	g
255011	10	120	70	18 x 7	420
255021	10	150	70	18 x 7	450
255031	10	200	70	18 x 7	500
255041	10	250	70	18 x 7	550
255051	10	300	70	18 x 7	600

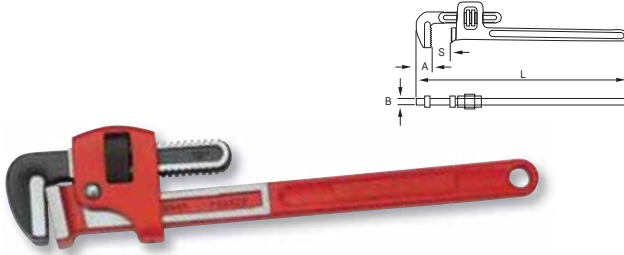


IRIMO

6. PIPE TOOLS

Stillson wrenches

STILLSON WRENCH



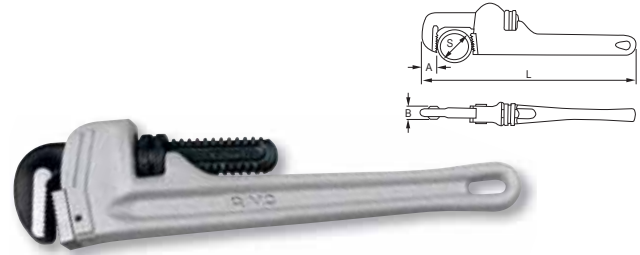
- Forged template steel
- Hardened gripping teeth 55+60 HRC
- Epoxy painting

R		L	S	A mm	B mm	L mm	g
302081	3	8"	1"	19	11	210	290
302101	3	10"	1.3/8"	25	15	260	620
302121	3	12"	1.3/4"	26	17	310	800
302141	3	14"	2"	28	19	365	1.120
302181	1	18"	2.3/8"	30	23	465	1.890
302241	1	24"	3"	39	26	615	3.200
302361	1	36"	4"	48	30	900	6.100



R	R		L
302401	302501	1	8"
302411	302511	1	10"
302421	302521	1	12"
302431	302531	1	14"
302441	302541	1	18"
302451	302551	1	24"
302461	302561	1	36"

ALUMINIUM WRENCH



- Comfortable aluminium alloy handle with section in double T
- Light, 40% less weight and great resistance

R		L	S	A mm	B mm	L mm	g
304101	2	10"	1.1/2"	22	17	250	430
304141	2	14"	2"	26	21	350	950
304181	1	18"	2.1/2"	29	26	450	1.650
304241	1	24"	3"	33	28	600	2.500
304361	1	36"	5"	44	32	900	5.200






R	R	R		L
304411	304511	304611	1	10"
304431	304531	304631	1	14"
304441	304541	304641	1	18"
304451	304551	304651	1	24"
304461	304561	304661	1	36"





Chain pipe wrench

CHAIN PIPE WRENCH



- Strong Chain made of tempered special steel
- Jaws and body in forged hardened steel
- Strong chain made of tempered special material
- Double sided tooth system for ratchet-like use
- Self locking function in both directions

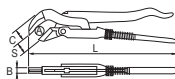
			S	A mm	B mm	L mm	
307301	1	N. 30	1.1/2"	8	38	350	1.400
307311	1	N. 31	2.1/2"	9	79	685	3.500
307321	1	N. 32	4"	13	60	940	6.700
307331	1	N. 33	6"	20	75	1.122	12.600

				
307401	1	N. 30	340	350
307411	1	N. 31	475	685
307421	1	N. 32	560	940
307431	1	N. 33	830	1.122



Pipe wrenches swedish model

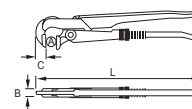
CORNER MOUTH



- Forged steel
- Epoxy painting
- Hardened gripping teeth

R		S	A mm	C mm	B mm	L mm	g
303081	1	1/2"	15	20	8	240	665
303111	1	1"	25	25	11	315	1.145
303121	1	1.1/2"	40	27	12	425	1.890
303131	1	2"	50	30	13	550	3.275
303171	1	3"	80	36	17	655	6.425

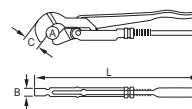
PERPENDICULAR MOUTH



- Forged steel
- Epoxy painting
- Hardened gripping teeth

R		S	A mm	B mm	C mm	L mm	g
303201	1	1"	25	16	18	320	800
303211	1	1.1/2"	40	19	20	425	1.300
303221	1	2"	50	21	25	560	2.300
303231	1	3"	80	22	30	630	2.900
303241	1	4"	117	30	32	735	5.900

CURVED MOUTH



- Forged steel
- Epoxy painting
- Hardened gripping teeth

R		S	A mm	B mm	C mm	L mm	g
303291	1	1/2"	15	13	16	235	400
303301	1	1"	25	17	23	330	800
303311	1	1.1/2"	40	19	27	420	1.400
303321	1	2"	50	21	32	535	2.400
303331	1	3"	80	24	34	648	4.200

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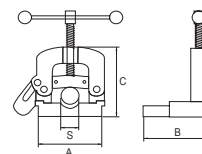
Hinged pipe vice

HINGED PIPE VICE

- Forged steel jaws
- Annealed cast iron body
- Enamelled
- Zinc plating

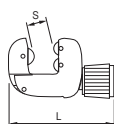
R		S	A mm	B mm	C mm	g
315021	1	1/8" - 2"	160	131	208	4.530

R						
315101	1				Upper jaw	
315111	1				Lower jaw	



Pipe cutters

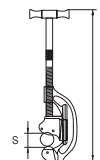
SMALL COPPER PIPE CUTTER



- Enamelled
- Phosphated finish

R		S	Ø mm	L mm	g
321161	2	1/8" - 5/8"	3 - 16	58	122

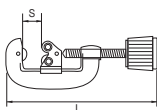
STEEL PIPE CUTTER



- Enamelled
- Phosphated finish

R		S	Ø mm	L mm	g
321501	1	1/8" - 2"	3 - 50	385	2.520

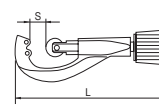
COPPER PIPE CUTTER



- Enamelled
- Phosphated finish

R		S	Ø mm	L mm	g
321281	1	1/8" - 1.1/8"	3 - 30	30	321
321321	1	1/8" - 1.3/8"	3 - 35	35	393

TELESCOPIC COPPER PIPE CUTTER



- Enamelled
- Phosphated finish

R		S	Ø mm	L mm	g
321161	2	1/8" - 5/8"	3 - 16	58	122



R			D mm	d mm	E mm	g
321511	1	321161	20	5	5	5
	1	321281	20	5	5	5
	1	321321	20	5	5	5
	1	321351	20	5	5	5
321551	1	321501	31	9	19	28

Gasket cutters

GASKET CUTTERS

332511



Q				
332511	1	140 x 130 x 40	600	



3, 4, 6, 8, 10, 12, 14, 16, 18, 20 mm

GASKET CUTTERS

332521



Q				
332521	1	230 x 180 x 45	1.200	



3, 4, 6, 8, 10, 12, 14, 16, 18, 20, 22, 24, 26, 28, 30 mm

GASKET CUTTERS



- Interchangeable gasket cutters washer cutters
- Cuts all gasket materials: leather, rubber, cardboard, fibre, asbestos, lead, felt, plastic, etc.
- Triple shapening: inside, outside and cutting edge
- Atmosphere protected tempered alloy steel punches

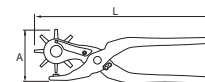
Q		S	Type	A mm	L mm	g
333031	1	3	1/2 x 24 Z"	14	31	15
333041	1	4	1/2 x 24 Z"	14	31	15
333061	1	6	1/2 x 24 Z"	14	31	15
333081	1	8	1/2 x 24 Z"	14	31	15
333101	1	10	1/2 x 24 Z"	14	31	15
333121	1	12	Flat	25	30	30
333141	1	14	Flat	25	30	30
333161	1	16	Flat	25	30	30
333181	1	18	Flat	25	30	30
333201	1	20	Flat	25	30	30
333221	1	22	Flat	35	35	50
333241	1	24	Flat	35	35	50
333261	1	26	Flat	35	35	50
333281	1	28	Flat	35	35	50
333301	1	30	Flat	35	35	50

WAD PUNCHES 3-30 HANDLE



Q				
332751	1		890	

REVOLVER WAD PUNCHES



- Rotating wheel for 6 punching sizes in leather, rubber, plastics, canvas, joints and other similar materials
- Easy selection and diameter hole vision to avoid errors
- Its exclusive design reduce necessary force in a 70 %

Q			A mm	L mm	g
330021	1	6 punches: 2-2, 5-3-3, 5-4-4, 5 mm	90	220	260



IRIMO

7. SCREWDRIVERS

Slotted screwdriver

407



- Handle: 2-component handle with hanging hole
- Blade: High performance alloy steel. Chrome plated and entirely hardened. Vapour blasted tip for greater screw-tip adherence and full anti-rust guarantee
- Branding: Size and part number laser branded on the blade for easy identification
- ISO 2380

R	Blade width	Blade thickness	Blade length	Blade width at tip	Blade length at tip	Blade length at handle	Weight
407-4-75	10	0,8	4	75	90	165	40
407-4-100	10	0,8	4	100	90	190	40
407-5.5-100	10	1	5,5	100	100	200	65
407-5.5-125	10	1	5,5	125	100	225	70
407-6.5-125	10	1,2	6,5	125	110	235	100
407-6.5-150	10	1,2	6,5	150	110	260	105
407-8-150	10	1,6	8	150	110	260	119
407-8-175	10	1,6	8	175	110	285	127
407-10-200	10	1,6	10	200	120	320	175
407-12-250	5	2	12	250	120	370	230
407-14-250	5	2,5	14	250	120	370	260

408



- Handle: 2-component handle with hanging hole
- Blade: High performance alloy steel. Chrome plated and entirely hardened. Vapour blasted tip for greater screw-tip adherence and full anti-rust guarantee
- Branding: Size and part number laser branded on the blade for easy identification
- ISO 2380

R	Blade width	Blade thickness	Blade length	Blade width at tip	Blade length at tip	Blade length at handle	Weight
408-2.5-75	10	0,4	2,5	75	90	165	34
408-3-75	10	0,5	3	75	90	165	35
408-3-100	10	0,5	3	100	90	190	40
408-3-200	5	0,5	3	200	90	290	45
408-3.5-100	10	0,6	3,5	100	90	190	40
408-4-100	10	0,8	4	100	90	190	45
408-4-125	10	0,8	4	125	90	215	45
408-4-250	5	0,8	4	250	90	340	60
408-5.5-125	10	1	5,5	125	100	225	65
408-5.5-150	10	1	5,5	150	100	250	90
408-5.5-300	5	1	5	300	100	400	106
408-6.5-150	10	1,2	6,5	150	110	260	110

408_25



- Handle: 2-component handle with hanging hole
- Blade: High performance alloy steel. Chrome plated and entirely hardened. Vapour blasted tip for greater screw-tip adherence and full anti-rust guarantee
- Branding: Size and part number tampprinted on the handle for easy identification
- ISO 2380

R	Blade width	Blade thickness	Blade length	Blade width at tip	Blade length at tip	Blade length at handle	Weight
408-5.5-25	10	1,2	5,5	25	60	85	35
408-6.5-25	10	1,2	6,5	25	60	85	35

409



- Handle: 2-component handle with hanging hole
- Blade: High performance alloy steel. Chrome plated and entirely hardened. Vapour blasted tip for greater screw-tip adherence and full anti-rust guarantee
- Branding: Size and part number laser branded on the blade for easy identification
- ISO 8764

R						
409-0-75	10	PH-0	75	90	165	35
409-1-100	10	PH-1	100	100	200	65
409-2-125	10	PH-2	125	110	235	100
409-3-150	5	PH-3	150	120	270	160
409-4-200	5	PH-4	200	120	320	200
409-1-250	5	PH-1	250	100	350	89
409-2-300	5	PH-2	300	110	410	130

409_25



- Handle: 2-component handle with hanging hole
- Blade: High performance alloy steel. Chrome plated and entirely hardened. Vapour blasted tip for greater screw-tip adherence and full anti-rust guarantee
- Branding: Size and part number tampoprinted on the handle for easy identification
- ISO 8764

R						
409-1-25	10	PH-1	25	60	85	35
409-2-25	10	PH-2	25	60	85	35

413



- Handle: 2-component handle with hanging hole
- Blade: High performance alloy steel. Chrome plated and entirely hardened. Vapour blasted tip for greater screw-tip adherence and full anti-rust guarantee
- Branding: Size and part number laser branded on the blade for easy identification
- ISO 8764

R						
413-0-75	5	PZ-0	75	90	165	35
413-1-100	5	PZ-1	100	100	200	75
413-2-125	5	PZ-2	125	110	235	100
413-3-150	5	PZ-3	150	120	270	160

414



- Handle: 2-component handle with hanging hole
- Blade: High performance alloy steel. Chrome plated and entirely hardened. Black finish tip for higher accuracy
- Branding: Size and part number laser branded on the blade for easy identification

R							
414-10-75	10	T-10	3	75	90	165	35
414-15-100	10	T-15	3,5	100	90	190	45
414-20-100	10	T-20	4	100	90	190	45
414-25-125	10	T-25	5	125	100	225	70
414-27-125	10	T-27	5,5	125	100	225	70
414-30-150	10	T-30	6	150	110	260	105
414-40-150	5	T-40	7	150	110	260	120

Magnetic bit holder for 1/4" bits

475-1/4



- Handle: 2-component handle with hanging hole
- Blade: High performance alloy steel
- Strong magnet
- Branding: Size and part number laser branded on the blade for easy identification

Q						
475-1/4-125	5	1/4"	125	235	112	

Flexible blade bit holder for 1/4" bits

475-1/4F



- Handle: 2-component handle with hanging hole
- Blade: High performance alloy steel
- Flexible blade
- With retaining ring

Q						
475-1/4F-160	5	1/4"	160	270	135	

Nut driver with handle

417



- Handle: 2-component handle with hanging hole
- Blade: High performance alloy steel. Chrome plated and entirely hardened.
- Branding: Size and part number laser branded on the blade for easy identification
- ISO 691

Q							
417-3.2-125	5	3,2	5,7	125	90	215	60
417-4-125	5	4	6,9	125	90	215	60
417-4.5-125	5	4,5	7,5	125	90	215	60
417-5-125	5	5	8,2	125	100	250	70
417-5.5-125	5	5,5	8,8	125	100	250	70
17-6-125	5	6	9,4	125	100	250	70
417-7-125	5	7	11,0	125	110	260	120
417-8-125	5	8	12,2	125	110	260	120
417-9-125	5	9	13,5	125	110	260	120
417-10-125	5	10	14,7	125	110	260	120
417-11-125	5	11	16,0	125	120	270	155
417-12-125	5	12	17,2	125	120	270	155
417-13-125	5	13	18,5	125	120	270	155
417-14-125	5	14	19,7	125	120	270	155

Nut driver with handle, with flexible blade

190



- Handle: 2-component handle with hanging hole
- Blade: High performance alloy steel
- Flexible blade

Q						
190-6-135	1	6	135	260	125	
190-7-135	1	7	135	270	125	
190-8-135	1	8	135	270	125	
190-10-135	1	10	135	270	125	

Insulated screwdriver, 1000 V

408V



- For work on live equipment, up to 1000V
- Handle: 2-component handle with hanging hole
- Blade: High performance alloy steel, insulation moulded directly onto blade. Black finish tip for higher accuracy
- Branding: Size and part number laser branded on the blade for easy identification
- ISO 2380

R							
408V-2.5-100	10	0,4	2,5	100	90	165	20
408V-3-100	10	0,5	3	100	90	190	22
408V-3.5-100	10	0,6	3,5	100	90	190	32
408V-4-100	10	0,8	4	100	90		35
408V-5.5-125	10	1	5,5	125	100	225	65
408V-6.5-150	10	1,2	6,5	150	110	260	90
408V-8-175	5	1,2	8	175	120	295	110

409V



- For work on live equipment, up to 1000V
- Handle: 2-component handle with hanging hole
- Blade: High performance alloy steel, insulation moulded directly onto blade. Black finish tip for higher accuracy
- Branding: Size and part number laser branded on the blade for easy identification
- ISO 8764

R							
409V-0-100	10	PH-0	100	90	190	40	
409V-1-150	10	PH-1	150	110	260	80	
409V-2-175	10	PH-2	175	110	285	120	
409V-3-200	5	PH-3	200	120	320	180	

413V



- For work on live equipment, up to 1000V
- Handle: 2-component handle with hanging hole
- Blade: High performance alloy steel, insulation moulded directly onto blade. Black finish tip for higher accuracy
- Branding: Size and part number laser branded on the blade for easy identification
- ISO 8764

R							
413V-0-100	10	PZ-0	100	90	190	40	
413V-1-150	10	PZ-1	150	110	260	80	
413V-2-175	10	PZ-2	175	110	285	120	
413V-3-200	5	PZ-3	200	120	320	180	

Screwdriver sets

SCREWDRIVER SET, 6 pcs.
459-6-B

- For slotted and Phillips head screws
- In clamshell packaging

459-6-B	1	48x355x190	505
408			0.5x3.0x75/ 0.8x4.0x100
407			1.0x5.5x125/ 1.2x6.5x150
409			PH-1x100 / PH-2x125

SCREWDRIVER SET, 5 pcs.
459-5-B

- For slotted and Phillips head screws
- In clamshell packaging

459-5-B	1	48x335x190	435
408			0.5x3.0x75/ 0.8x4.0x100
407			1.2x6.5x150
409			PH-1x100 / PH-2x125

SCREWDRIVER SET, 5 pcs.
459-5A-B

- For Torx® head screws
- In clamshell packaging

459-5A-B	1	48x335x190	495
414			T10x75/ T20x100/ T25x125/ T30x150/ T40x150

SCREWDRIVER SET, 6 pcs.
459-6-C




- For slotted and Phillips head screws
- In cardboard box

459-6-C	1	42x325x160	570
408			0.5x3.0x75/ 0.8x4.0x100
407			1.0x5.5x125/ 1.2x6.5x150
409			PH-1x100 / PH-2x125

SCREWDRIVER SET, 6 pcs. 459-6A-C






- For slotted and Pozidriv head screws
- In cardboard box

Q			g
459-6A-C	1	42x325x160	570
408	①		0.5x3.0x75/ 0.8x4.0x100
407	①		1.0x5.5x125/ 1.2x6.5x150
413	⊕		PZ-1x100 / PZ-2x125

SCREWDRIVER SET, 6 pcs. 459-6C-C




- Slotted and Pozidriv head screws
- In cardboard box

Q			g
459-6C-C	1	42x325x160	505
408	①		0.5x3.0x100/ 0.8x4.0x125/ 1.0x5.5x150
413	⊕		PZ-1x100 / PZ-2x125
429.041	①		0.6x3.5x100 (100-250 V)

SCREWDRIVER SET, 6 pcs. 459-6B-C



- For Torx® head screws
- In cardboard box

Q			g
459-6B-C	1	42x325x160	470
414	⊕		T10x75/ T15x100/ T20x100/ T25x125/ T27x125/ T30x150



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Screwdriver sets

SCREWDRIVERS DISPLAY

910



- Screwdrivers display, 83 pcs.
- For slotted and Phillips head screws

















IRIMO					
910-83DISP		1	500x450x250	8.500	
407	①		0.8x4.0x100 (8 pcs) 1.0x5.5x125 (7 pcs) 1.2x6.5x150 (6 pcs) 1.6x8.0x175 (6 pcs) 1.6x10.0x200 (6 pcs)		
408	①		0.5x3.0x75 (8 pcs) 0.8x4.0x100 (8 pcs) 1.0x5.5x125 (7 pcs) 1.2x6.5x150 (6 pcs)		
409	⊕		PH-0x75 (8 pcs) PH-1x100 (7 pcs) PH-2 x125 (6 pcs)		

SCREWDRIVERS DISPLAY

910



- Screwdrivers display, 152 pcs.
- For slotted, Phillips and Torx® head screws









   					
910-152DISP	1	775x450x250	14.100		
407			0.8x4.0x100 (8 pcs) 1.0x5.5x125 (7 pcs) 1.2x6.5x150 (6 pcs) 1.6x8.0x175 (6 pcs) 1.6x10.0x200 (6 pcs)		
408			0.4x2.5x75 (8 pcs) 0.5x3.0x75 (8 pcs) 0.6x3.5x100 (8 pcs) 0.8x4.0x100 (8 pcs) 1.0x5.5x125 (7 pcs) 1.2x6.5x150 (6 pcs)		
408_25			1.2x6.5x25 (6 pcs)		
409			PH-0x75 (8 pcs) PH-1x100 (7 pcs) PH-2 x125 (6 pcs) PH-3x150 (6 pcs)		
409_25			PH-2x25 (6 pcs)		
414			T10x75 (8 pcs) T15x100 (7 pcs) T20x100 (7 pcs) T25 x125 (7 pcs) T30x150 (6 pcs)		

Insulated screwdriver sets

SCREWDRIVER SET, 6 pcs. 459V-6-B

IEC 60900  1000V  






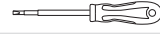


- For slotted and Phillips head screws
- In clamshell packaging

			
459V-6-B	1	48x335x190	520
408V			0.5x3.0x100/0.8x4.0x100/ 1.0x5.5x125/ 1.2x6.5x150
409V			PH-1x150/ PH-2x175

SCREWDRIVER SET, 6 pcs. 459V-6-C

IEC 60900  1000V  

- For slotted and Phillips head screws
- In cardboard box









			
459V-6-C	1	42x325x160	580
408V			0.4x2.5x100/ 0.8x4.0x100/ 1.0x5.5x125/ 1.2x6.5x150
409V			PH-1x150/ PH-2x175

Screwdriver sets

INSULATED SCREWDRIVERS DISPLAY 910V

IEC 60900  1000V  

- Insulated screwdrivers display, 72 pcs.
- For slotted and Phillips head screws

			
910V-72DISP	1	500x450x250	9.075
408V			0.4x2.5x100 (8 pcs) 0.5x3.0x100 (8 pcs) 0.6x3.5x100 (8 pcs) 0.8x4.0x100 (8 pcs) 1.0x5.5x125 (7 pcs) 1.2x6.5x150 (6 pcs) 1.2x8.0x175 (6 pcs)
409V			PH-0x100 (8 pcs) PH-1x150 (7 pcs) PH-2 x175 (6 pcs)



T-handle screwdrivers

42-H











- Blade: high quality steel. Black finish
- The long blade allows to apply a controlled torque and provides an easy access to screws requiring depth
- The short 90° blade is used for extreme torque or to work in areas where height is limited
- Branding: size and part number laser branded in the blade for easier identification
- Rotating cap in the handle that allows a fast finger movement during turning reducing tightening time

42-H2-100	5	2	130	100	64x30	23
42-H2.5-100	5	2,5	130	100	64x30	25
42-H3-100	5	3	130	100	64x30	28
42-H4-150	5	4	190	150	80x40	57
42-H5-150	5	5	190	150	80x40	70
42-H6-200	5	6	250	200	100x50	134
42-H8-200	5	8	250	200	100x50	186
42-H10-200	5	10	250	200	100x50	254

46-T



- Blade: high quality steel. Black finish
- The long blade allows to apply a controlled torque and provides an easy access to screws requiring depth
- The short 90° blade is used for extreme torque or to work in areas where height is limited
- Branding: size and part number laser branded in the blade for easier identification
- Rotating cap in the handle that allows a fast finger movement during turning reducing tightening time

							
46-T10-100	5	T10	2,72	130	100	64x30	27
46-T15-150	5	T15	3,26	190	150	80x40	55
46-T20-150	5	T20	3,84	190	150	80x40	55
46-T25-150	5	T25	4,40	190	150	80x40	66
46-T30-200	5	T30	5,49	250	200	100x50	126
46-T40-200	5	T40	6,60	250	200	100x50	147

T-handle screwdrivers. Nut driver

191



- Blade: high quality steel. Chrome plated and entirely handened
- Branding: size and part number laser branded in the blade for easier identification
- Rotating cap in the handle that allows a fast finger movement during turning reducing tightening time

191-6-150	5	6	190	150	69x40	78
191-7-175	5	7	225	175	84x50	121
191-8-175	5	8	225	175	84x50	123
191-10-175	5	10	225	175	84x50	160
191-12-175	5	12	225	175	84x50	167
191-13-175	5	13	225	175	84x50	172

Reversible screwdriver

427411



- Handle: Impact resistant plastic handle
- Blade: high performance alloy steel. Nickel plated blade

R						
427411	10	1,2	6	PH-2	156	26

Magnetiser

458021



- Comfortable handle for easy use
- Hanging hole

R			
458021	5	40x125x22	35

Tension and continuity tester

630151



- Suitable for AC and DC circuits
- Easy to see voltage indicating leds
- Continuity acoustic buzzer
- Delivered with 12 V battery

R		
630151	1	235

Voltage tester

429



- Handle: clear transparent plastic handle, impact resistant
- Blade: high quality steel. Nickel plated blade.
Plastic protection up to the tip
- According to DIN VDE 0680/6 GS-marked
- 429.101: auto tester 6-24V

R							
429031	6	0.6	3.0	65	75	140	30
429041	6	-	3.5	100	90	190	29
429101	6	-	3.0	45	75	120	22

Nickel plated keys for hex screws

040 METRIC



- High quality steel, entirely hardened
- Nickel plated
- Size stamped on the blade for easy identification
- ISO 2936

R		mm	a mm	b mm	g
040001	10	1.5	15	47	1
040011	10	2.0	18	52	1
040021	10	2.5	21	59	3
040031	10	3.0	23	66	4
040041	10	4.0	29	74	10
040051	10	5.0	33	85	18
040061	10	6.0	38	96	29
040071	10	7.0	41	102	41
040081	10	8.0	44	108	57
040091	5	9.0	47	114	76
040101	5	10.0	50	122	100
040121	5	12.0	57	137	163
040141	1	14.0	70	154	253
040171	1	17.0	80	177	427
040191	1	19.0	89	199	600
040221	1	22.0	102	222	910

040 INCHES








- High quality steel, entirely hardened
- Nickel plated
- Size stamped on the blade for easy identification
- ISO 2936

R			a mm	b mm	g
040541	10	1/16"	15	47	1
040011	10	5/64"	18	52	1
040561	10	3/32"	21	59	3
040581	10	1/8"	23	66	4
040041	10	5/32"	29	74	10
040601	10	3/16"	33	85	18
040611	10	7/32"	35.5	91	29
040621	10	1/4"	38	96	32
040641	10	5/16"	44	108	60
040661	5	3/8"	50	122	100
040681	5	7/16"	53	129	140
040701	5	1/2"	63	145	182
040731	1	5/8"	76	168	370
040191	1	3/4"	89	199	601

041 METRIC



- In plastic wallet
- Sizes marked at the top of the wallet, for an easy selection
- Hanging hole

					
041011	1	76			
041071	1	180			
041021	1	380			
041091	1	570			
041031	1	1.800			
041101	1	2.920			
					
041011	2-2.5-3-4-5-6 mm		041091	2-2.5-3-4-5-6-7-8-9-10-12 mm	
041071	2-2.5-3-4-5-6-7-8 mm		041031	2-2.5-3-4-5-6-7-8-10-12-14-17-19 mm	
041021	2-2.5-3-4-5-6-7-8-10-12 mm		041101	2-2.5-3-4-5-6-7-8-9-10-12-14-17-19-22 mm	

041 INCHES



- In plastic wallet
- Sizes marked at the top of the wallet, for an easy selection
- Hanging hole

R		g
041041	1	95
041051	1	580
041061	1	1.865
041041	1/8-5/32-3/16-7/32-1/4"	
041051	1/8-5/32-3/16-7/32-1/4-5/16-3/8-7/16-1/2"	
041061	1/8-5/32-3/16-7/32-1/4-5/16-3/8-7/16-1/2-9/16-5/8-3/4"	

Nickel plated hex keys sets, metric

041111 / 041121



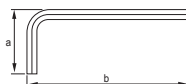
- On ring

R			g
041111	1	77	
041121	1	240	
041111	2-2.5-3-4-5-6 mm		
041121	2-2.5-3-4-5-6-8-10 mm		



Black keys for hex screws

045 METRIC



- High quality steel, entirely hardened
- Black finish
- Size stamped on the blade for easy identification
- ISO 2936

R		mm	a mm	b mm	g
045001	10	1.5	15	47	1
045011	10	2.0	18	52	2
045021	10	2.5	21	59	3
045031	10	3.0	23	66	5
045041	10	4.0	29	74	10
045051	10	5.0	33	85	13
045061	10	6.0	38	95	29
045071	10	7.0	41	102	41
045081	10	8.0	41	105	57
045091	5	9.0	47	114	76
045101	5	10.0	50	122	100
045121	5	12.0	57	137	163
045141	1	14.0	70	154	253
045171	1	17.0	80	177	427
045191	1	19.0	89	199	600
045221	1	22.0	102	222	910

046 METRIC



- In plastic wallet
- Sizes marked at the top of the wallet, for an easy selection
- Hanging hole

R		g
046011	1	76
046021	1	180
046091	1	460
046031	1	1.805
046101	1	2.830
046011	2-2.5-3-4-5-6 mm	
046021	2-2.5-3-4-5-6-7-8-10-12 mm	
046091	2-2.5-3-4-5-6-7-8-9-10-12 mm	
046031	2-2.5-3-4-5-6-7-8-10-12-14-17-19 mm	
046101	2-2.5-3-4-5-6-7-8-9-10-12-14-17-19-22 mm	

Black hex keys, metric

46-9-H



- Set of black finish hex keys, 9 pcs, metric
- In plastic holder with hanging hole
- All sizes branded onto the lid for an easy identification
- In blister packaging

Q			
46-9-H	1	270	
46-9-H	1.5-2-2.5-3-4-5-6-8-10 mm		

045 INCHES



- High quality steel, entirely hardened
- Black finish
- Size stamped on the blade for easy identification
- ISO 2936

Q			a mm	b mm	g
045541	10	1/16"	15	47	1
045011	10	5/64"	18	52	2
045561	10	3/32"	21	59	3
045581	10	1/8"	23	66	5
045041	10	5/32"	29	74	10
045601	10	3/16"	33	85	16
045611	10	7/32"	35.5	91	24
045621	10	1/4"	38	96	32
045641	10	5/16"	44	105	60
045661	5	3/8"	50	122	100
045681	5	7/16"	53	129	140
045701	5	1/2"	63	145	182
045731	1	5/8"	76	168	370
045191	1	3/4"	89	199	601

46-8-F



- Set of black finish hex keys, 8 pcs, metric
- In high quality impact resistant folder
- Allows many different working positions
- Positive stop at 270° degrees, for maximum leverage
- Easy to store
- Retail packaging with hanger

Q			
46-8-F	1	160	
46-8-F	1.5-2-2.5-3-4-5-6-8 mm		

046 INCHES



- In plastic wallet
- Sizes marked at the top of the wallet, for an easy selection
- Hanging hole

Q			
046041	1	95	
046051	1	580	
046061	1	1.865	
046041	1/8-5/32-3/16-7/32-1/4"		
046051	1/8-5/32-3/16-7/32-1/4-5/16-3/8-7/16-1/2"		
046061	1/8-5/32-3/16-7/32-1/4-5/16-3/8-7/16-1/2-9/16-5/8-3/4"		

Black keys for hex screws, long

045 METRIC LONG



- High quality steel, entirely hardened
- Black finish
- Size stamped on the blade for easy identification
- Long arm provides higher torque transmission and accessibility
- ISO 2936

R			a mm	b mm	g
045801	10	1.5	15	91	1
045811	10	2.0	18	102	3
045821	10	2.5	21	114	5
045831	10	3.0	23	129	8
045841	10	4.0	29	144	17
045851	10	5.0	33	165	31
045861	10	6.0	38	186	51
045871	10	7.0	41	197	64
045881	5	8.0	44	208	100
045891	5	9.0	47	219	134
045901	5	10.0	50	234	175
045921	2	12.0	57	262	283
045941	2	14.0	70	294	439

48-9-H



- Set of long ball end hex keys, 9 pcs, metric
- In plastic holder with hanging hole
- All sizes branded onto the lid for an easy identification
- In blister packaging

R		g
48-9-H	1	360

48-9-H 1.5-2-2.5-3-4-5-6-8-10 mm

047 LONG BALL END, METRIC



- High quality steel, entirely hardened
- Black finish
- Size stamped on the blade for easy identification
- Long arm provides higher torque transmission and accessibility
- Ball end allows to easily insert the key in the screw head from a range of angles
- More efficient and time saving than a standard hex key
- ISO 2936

R			a mm	b mm	g
047001	10	1.5	15	91	1
047011	10	2.0	18	102	3
047021	10	2.5	21	114	5
047031	10	3.0	23	129	8
047041	10	4.0	29	144	17
047051	10	5.0	33	165	31
047061	10	6.0	38	186	50
047081	10	8.0	44	208	100
047101	5	10.0	50	234	171
047121	2	12.0	57	262	275

48A-13-H



- Set of long ball end hex keys, 13 pcs, inches
- In plastic holder with hanging hole
- All sizes branded onto the lid for an easy identification
- In blister packaging

R		g
48A-13-H	1	360

48A-13-H 0.05-1/16-5/64-3/32-7/64-1/8-9/64-5/32-3/16-7/32-1/4-5/16-3/8"

Black keys for Torx® screws

457



- High quality steel, entirely hardened
- Black finish
- Size laser marking on the blade for easy identification
- Long arm provides higher torque transmission and accessibility

R			a mm	b mm	g
457061	5	T-6	15	75	4
457071	5	T-7	16	80	4
457081	5	T-8	16	80	5
457091	5	T-9	16	80	5
457101	5	T-10	17	86	6
457151	5	T-15	18	90	10
457201	5	T-20	19	95	11
457251	5	T-25	20	100	17
457271	5	T-27	21	105	19
457301	5	T-30	24	114	29
457401	5	T-40	26	124	43
457451	5	T-45	29	133	61
457501	5	T-50	32	152	88

458061



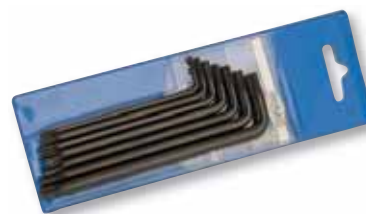
- Set of offset screwdrivers for Torx® head screws, 8 pcs
- 2-component compact holder enables easy removal of individual key
- Magnet/demagnetising function integrated in the holder
- All sizes marked on the holder for an easy selection
- Hanging hole

R		g
458061	1	226

458061

T9-T10-T15-T20-T25-T27-T30-T40

458071



- In plastic wallet
- Sizes marked at the top of the wallet, for an easy selection
- Hanging hole

R		g
458071	1	150

458071

T10-T15-T20-T25-T27-T30-T40

458041



- Set of offset screwdrivers for Torx® head screws, 8 pcs
- 2-component compact holder enables easy removal of individual key
- All sizes marked on the holder for an easy selection
- Hanging hole

R		g
458041	1	201

458041

T9-T10-T15-T20-T25-T27-T30-T40

458031



- Set of offset screwdrivers for Torx® head screws, 5 pcs
- 2-component compact holder enables easy removal of individual key
- All sizes marked on the holder for an easy selection
- Hanging hole

R		g
458031	1	89

458031

T9-T10-T15-T20-T25

Black keys for Torx® screws

458101



- Set of offset screwdrivers for Torx® head screws, 8 pcs
- In high quality impact resistant folder
- Allows many different working positions
- Positive stop at 270° degrees, for maximum leverage
- Easy to store

Q		g
458101	1	205
458101	T9-T10-T15-T20-T25-T27-T30-T40	

Black keys for Torx® screws, ball end

453



- High quality steel, entirely hardened
- Black finish
- Size laser marking on the blade for easy identification
- Long arm provides higher torque transmission and accessibility
- Ball end allows to easily insert the key in the screw head from a range of angles
- More efficient and time saving than a standard hex key

Q			a mm	b mm	Ø mm	g
453091	5	T-9	16	80	3.0	4
453101	5	T-10	17	86	3.0	5
453151	5	T-15	18	90	4.0	7
453201	5	T-20	19	95	4.0	10
453251	5	T-25	20	100	5.0	14
453271	5	T-27	21	105	5.0	22
453301	5	T-30	24	114	6.0	30
453401	5	T-40	26	124	7.0	46
453451	5	T-45	29	133	8.0	61
453501	5	T-50	32	152	9.0	82

453911



- Set of offset screwdrivers for Torx® head screws, 5 pcs, ball end
- 2-component compact holder enables easy removal of individual key
- All sizes marked on the holder for an easy selection
- Hanging hole

Q		g
453911	1	89
453911	T9-T10-T15-T20-T25	

453901



- Set of offset screwdrivers for Torx® head screws, 8 pcs, ball end
- 2-component compact holder enables easy removal of individual key
- All sizes marked on the holder for an easy selection
- Hanging hole

Q		g
453901	1	201
453901	T9-T10-T15-T20-T25-T27-T30-T40	

Black keys for Torx® tamper resistant screws

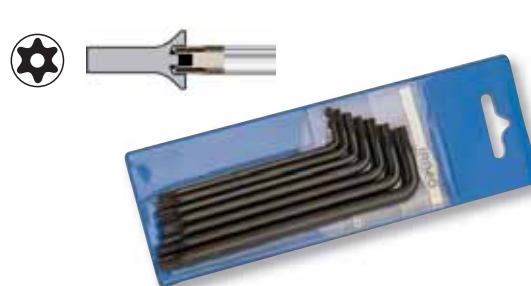
454



- High quality steel, entirely hardened
- Black finish
- Size laser marking on the blade for easy identification
- Long arm provides higher torque transmission and accessibility

R			a mm	b mm	Ø mm	g
454091	5	T-9	16	80	3.0	4
454101	5	T-10	17	86	3.0	5
454151	5	T-15	18	90	4.0	8
454201	5	T-20	19	95	4.0	11
454251	5	T-25	20	100	5.0	17
454271	5	T-27	21	105	5.0	19
454301	5	T-30	24	114	6.0	29
454401	5	T-40	26	124	7.0	43

454011



- In plastic wallet
- Sizes marked at the top of the wallet, for an easy selection
- Hanging hole

R		g
454011	1	150
454011	T10-T15-T20-T25-T27-T30-T40	

454031



- Set of offset screwdrivers for Torx® tamper resistant head screws, 5 pcs.
- 2-component compact holder enables easy removal of individual key
- All sizes marked on the holder for an easy selection
- Hanging hole

R		g
454031	1	89
454031	T9-T10-T15-T20-T25	

454041



- Set of offset screwdrivers for Torx® tamper resistant head screws, 8 pcs.
- 2-component compact holder enables easy removal of individual key
- All sizes marked on the holder for an easy selection
- Hanging hole

R		g
454041	1	201
454041	T9-T10-T15-T20-T25-T27-T30-T40	

Black keys for Torx® tamper resistant screws

454021



- Set of offset screwdrivers for Torx® tamper resistant head screws, 8 pcs.
- In high quality impact resistant folder
- Allows many different working positions
- Positive stop at 270° degrees, for maximum leverage
- Easy to store

IR		g
454021	1	200
454021	T9-T10-T15-T20-T25-T27-T30-T40	



Nickel plated offset keys for XZN

461



- High quality steel, entirely hardened
- Nickel plated

IR		XZN	L1 mm	L2 mm	g
461051	5	M5	75	30	15
461061	5	M6	86	34	25
461081	5	M8	98	40	40
461101	5	M10	110	46	80
461121	5	M12	124	52	125
461141	5	M14	139	59	190
461161	5	M16	156	72	300

461011



- In plastic wallet
- Sizes marked at the top of the wallet, for an easy selection
- Hanging hole

IR		g
461011	1	825
461011	M5-M6-M8-M10-M12-M14-M16	

1/4" Bits

475-

1/4" BITS FOR SLOTTED SCREWS, 25 MM



- Drive: 1/4" DIN 3126-C 6,3, ISO 1173
- Finish: Sand blasting
- Material: High performance alloy steel
- Application: For all screw applications in trade and industry
- In plastic box of 10 pcs

R		mm	mm	mm	g
475-4-1	1	0.5	4.0	25	35
475-4.5-1	1	0.6	4.5	25	35
475-5.5-1	1	0.8	5.5	25	35
475-6.0-1	1	1.0	6.0	25	35
475-6.5-1	1	1.2	6.5	25	35
475-8.0-1	1	1.6	8.0	25	35

475-50PH

1/4" BITS FOR PHILLIPS SCREWS, 50 MM



- Drive: 1/4" DIN 3126-E 6,3, ISO 1173
- Finish: Sand blasting
- Material: High performance alloy steel
- Application: For all screw applications in trade and industry
- In plastic box of 5 pcs

R			mm	g
475-50PH1-1	1	PH-1	50	70
475-50PH2-1	1	PH-2	50	70
475-50PH3-1	1	PH-3	50	77

475-PH

1/4" BITS FOR PHILLIPS SCREWS, 25 MM



- Drive: 1/4" DIN 3126-C 6,3, ISO 1173
- Finish: Sand blasting
- Material: High performance alloy steel
- Application: For all screw applications in trade and industry
- In plastic box of 10 pcs

R			mm	g
475-PH0-1	1	PH-0	25	35
475-PH1-1	1	PH-1	25	35
475-PH2-1	1	PH-2	25	35
475-PH3-1	1	PH-3	25	35

475-PH2G

1/4" BITS FOR PHILLIPS DRY WALL SCREWS, 25 MM



- Drive: 1/4" DIN 3126-C 6,3, ISO 1173
- Finish: Sand blasting
- Material: High performance alloy steel
- Application: Grabber bits for drywall screws
- With reduced nose diameter Ø 4.8 mm
- In plastic box of 10 pcs

R			mm	g
475-PH2G-1	1	PH-2G	25	35

475-PZ

1/4" BITS FOR POZIDRIV SCREWS, 25 MM



- Drive: 1/4" DIN 3126-C 6,3, ISO 1173
- Finish: Sand blasting
- Material: High performance alloy steel
- Application: For all screw applications in trade and industry
- In plastic box of 10 pcs

R				
			L mm	g
475-PZ0-1	1	PZ-0	25	35
475-PZ1-1	1	PZ-1	25	35
475-PZ2-1	1	PZ-2	25	35
475-PZ3-1	1	PZ-3	25	35

475-50PZ

1/4" BITS FOR POZIDRIV SCREWS, 50 MM



- Drive: 1/4" DIN 3126-E 6,3, ISO 1173
- Finish: Sand blasting
- Material: High performance alloy steel
- Application: For all screw applications in trade and industry
- In plastic box of 5 pcs

R				
			L mm	g
475-50PZ1-1	1	PZ-1	50	70
475-50PZ2-1	1	PZ-2	50	70
475-50PZ3-1	1	PZ-3	50	77

475-T

1/4" BITS FOR TORX® SCREWS, 25 MM



- Drive: 1/4" DIN 3126-C 6,3, ISO 1173
- Finish: Sand blasting
- Material: High performance alloy steel
- Application: For all screw applications in trade and industry
- In plastic box of 10 pcs (T30/T40 packed in 5 pcs)

R					
			T mm	L mm	g
475-T6-1	1	T6	1.70	25	30
475-T7-1	1	T7	1.99	25	35
475-T8-1	1	T8	2.31	25	35
475-T9-1	1	T9	2.50	25	35
475-T10-1	1	T10	2.74	25	35
475-T15-1	1	T15	3.27	25	35
475-T20-1	1	T20	3.86	25	35
475-T25-1	1	T25	4.43	25	35
475-T27-1	1	T27	4.99	25	35
475-T30-1	1	T30	5.52	25	40
475-T40-1	1	T40	6.65	25	50

475-TR

1/4" BITS FOR TORX® TAMPER SCREWS, 25 MM



- Drive: 1/4" DIN 3126-C 6,3, ISO 1173
- Finish: Sand blasting
- Material: High performance alloy steel
- Application: For all screw applications in trade and industry
- Torx® Tamper resistant screws have a centre pin to prevent a standard Torx® driver being inserted
- In plastic box of 5 pcs

R					
			T mm	L mm	g
475-TR10-1	1	T10	2.74	25	35
475-TR15-1	1	T15	3.27	25	35
475-TR20-1	1	T20	3.86	25	35
475-TR25-1	1	T25	4.43	25	35
475-TR27-1	1	T27	4.99	25	35
475-TR30-1	1	T30	5.52	25	40
475-TR40-1	1	T40	6.65	25	50

1/4" Bits

475-H

1/4" BITS FOR HEXAGONAL SCREWS, 25 MM



- Drive: 1/4" DIN 3126-C 6,3, ISO 1173
- Finish: Sand blasting
- Material: High performance alloy steel
- Application: For all screw applications in trade and industry
- In plastic box of 5 pcs

Q				
		mm	mm	g
475-H3-1	1	3	25	30
475-H4-1	1	4	25	35
475-H5-1	1	5	25	40
475-H6-1	1	6	25	45

474M

1/4" POWER MAGNETIC NUT DRIVER



- Drive: 1/4" DIN 3126 E 6.3 ISO 1173
- Finish: Sand blasting
- Material: High performance alloy steel
- Application: For all screw applications in trade and industry
- With strong magnet
- Hexagon socket
- In plastic holder (1pc)

Q						
		mm		mm	mm	g
474M-5.5-1	1	5,5	1/4"	11.5	50	25
474M-7-1	1	7	1/4"	12	50	28
474M-8-1	1	8	1/4"	12.5	50	31
474M-10-1	1	10	1/4"	14.5	50	36
474M-13-1	1	13	1/4"	17	50	40

475A-25

Adaptor 1/4", 25 mm



- Drive: 1/4" DIN 3126-A6,3, ISO 1173
- Finish: Black finish
- Material: High performance alloy steel
- Hexagon male to square male DIN 3120
- In plastic bag (1 pc)
- Retail package

Q					
		1/4"	1/4"	mm	g
475A-25-1	1	1/4"	1/4"	25	5

475A-50

Adaptor 1/4", 50 mm



- Drive: 1/4" DIN 3126-A6,3, ISO 1173
- Finish: Black finish
- Material: High performance alloy steel
- Hexagon male to square male DIN 3120
- In plastic holder (1 pc)

Q					
		1/4"	1/4"	mm	g
475A-50-1	1	1/4"	1/4"	50	18

475A-M-75

UNIVERSAL HOLDER 1/4", 75 MM



- Drive: 1/4" DIN 3126-E 6,3, ISO 1173
- Finish: Black finish
- Material: High performance alloy steel
- With strong magnet
- DIN 3126 D 6,3
- In plastic holder (1 pc)

R					
475A-M-75-1	1	1/4"	1/4"	75	35

475A-60QR

QUICK RELEASE BIT HOLDER 1/4", 50 MM



- Drive: DIN 3126-E6.3, ISO1173
- Material: High performance alloy steel
- DIN 3126 D 6,3
- With permanent magnet
- In plastic holder (1 pc)

				 mm	 mm	
475A-60QR	1	1/4"	1/4"	14	60	15

Bits sets 1/4"

BITS SETS 1/4", 32 PCS.

475-32-1



- Drive: 1/4" DIN 3126-C 6,3, ISO 1173
- Finish: Sand blasting
- Material: High performance alloy steel
- In blister packaging
- Display: 475-32-8 Disp (8 pcs display)

R			
475-32-1	1	30x105x65	275
475-32-8DISP	1	360x340x260	2.240

475-	①		0.5x4.0, 0.6x4.5, 0.8x5.5 mm
475-PH	⊕		2xPH-1, 2xPH-2, PH-3, PH-2G
475-PZ	⊗		2xPZ-1, 2xPZ-2, PZ-3
475-T	⊛		T10, 2xT15, 2xT20, 2xT25, T27, 2xT30, T40
475-H	⊙		3.0, 4.0, 5.0, 6.0
475A-25-1			1/4" - 1/4" - 25 mm
105-48-1			1/4" - 1/4" - 25 mm
475A-60QR-1	⊙		1/4" - 1/4" - 60 mm

BITS SETS 1/4", 61 PCS.

475-61-1



- Drive: 1/4" DIN 3126-C 6,3, ISO 1173
- Finish: Sand blasting
- Material: High performance alloy steel
- In blister packaging

R			
475-61-1	1	35x148x112	549

475-	①		0.5x4.0, 0.6x4.5, 0.8x5.5, 1.0x6.0, 1.2x6.5, 1.6x8.0 mm
475-PH	⊕		PH-0, 2xPH-1, 3xPH-2, 2xPH-3, PH-4, 2xPH2G
475-PZ	⊗		PZ-0, 2xPZ-1, 3xPZ-2, 2xPZ-3, PZ-4
475-T	⊛		T6, T7, T8, T9, 2xT10, 2xT15, 3xT20, 2xT25, 2xT27, 2xT30, 2xT40
475-TR	⊙		T10, T15, T20, T25, T27, T30, T40
475-H	⊙		3.0, 4.0, 5.0, 6.0
-	⊙		1, 2, 3
475A-25-1			1/4" - 1/4" - 25 mm
475A-60QR-1	⊙		1/4" - 1/4" - 60 mm

5/16" Bits

470-

5/16" BITS FOR SLOTTED SCREWS



- Drive: 5/16" DIN 3126-C 8, ISO 1173
- Finish: Zinc phosphated
- Material: High performance alloy steel
- In plastic bag of 2 pcs
- Retail package

Q		mm	mm	mm	g
470-5.5-1	1	1.0	5.5	36	18
470-6.5-1	1	1.2	6.5	36	20
470-8.0-1	1	1.2	8.0	36	22
470-10.0-1	1	1.6	10.0	36	30
470-12.0-1	1	2.0	12.0	36	36
470-14.0-1	1	2.5	14.0	36	38

470-H

5/16" BITS FOR HEXAGONAL SCREWS



- Drive: 5/16" DIN 3126-C 8, ISO 1173
- Finish: Zinc phosphated
- Material: High performance alloy steel
- In plastic bag of 2 pcs
- Retail package

Q		mm	mm	g
470-H4-1	1	4	36	25
470-H5-1	1	5	36	26
470-H6-1	1	6	36	27
470-H7-1	1	7	36	28
470-H8-1	1	8	36	29
470-H10-1	1	10	36	36

470-PH

5/16" BITS FOR PHILLIPS SCREWS



- Drive: 5/16" DIN 3126-C 8, ISO 1173
- Finish: Zinc phosphated
- Material: High performance alloy steel
- In plastic bag of 2 pcs
- Retail package

Q			mm	g
470-PH1-1	1	PH-1	36	22
470-PH2-1	1	PH-2	36	24
470-PH3-1	1	PH-3	36	25
470-PH4-1	1	PH-4	36	28

470-T

5/16" BITS FOR TORX® SCREWS



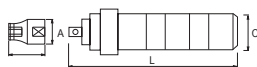
- Drive: 5/16" DIN 3126-C 8, ISO 1173
- Finish: Zinc phosphated
- Material: High performance alloy steel
- In plastic bag of 2 pcs
- Retail package

Q			mm	g
470-T20-1	1	T20	3.86	21
470-T25-1	1	T25	4.43	22
470-T27-1	1	T27	4.99	24
470-T30-1	1	T30	5.52	24
470-T40-1	1	T40	6.65	27
470-T45-1	1	T45	7.82	27
470-T50-1	1	T50	8.83	27
470-T55-1	1	T55	11.22	28

5/16" Impact Screwdriver

470011

5/16" IMPACT SCREWDRIVER



- To turn frozen screws
- Converts hammer action on turning driving
- Hammer action guarantees that the bit will remain against the screw
- Square drive 1/2". Bit size 5/16"
- Reversible by positioning the adaptor

R		L mm	C mm	A mm	L mm	g
470011	1	125	33	24	40	650

470051

5/16" IMPACT SCREWDRIVER ADAPTOR



- Finish: Chrome-plated
- 1/2" square drive
- For 5/16" bits
- With retaining ring

R		L mm	g
470051	1	40	54

5/16" Impact driver bit set, 20 pcs.

471011



- 1 impact screwdriver, 1/2" square drive
- 1 bit holding adapter for screwdriver bits, 5/16" hexagon and 1/2" square drive
- 18 bits of 5/16"
- In black metal box

R		L mm	g
471011	1	197x70x45	1.280

470-	①		1.2x8, 1.6x10, 2.0x12.0 mm
470-PH	⊕		PH-2, PH-3, PH-4
470-T	⬠		T25, T27, T30, T40, T45, T50
470-H	⦿		4, 5, 6, 7, 8, 10 mm
470011	○		5/16"



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10 mm bits

T49H

10 MM BITS FOR HEXAGONAL SCREWS



- Drive: 10 mm
- Finish: zinc phosphated
- Material: High performance alloy steel
- In plastic bag of 1 pc

R		mm	L mm	g
T49H4	1	4	30	5
T49H5	1	5	30	6,5
T49H6	1	6	30	7
T49H7	1	7	30	7
T49H8	1	8	30	7
T49H8L	1	8	75	20
T49H10	1	10	30	7
T49H12	1	12	30	12
T49H14	1	14	30	14
T49H4L	1	4	75	20
T49H5L	1	5	75	20
T49H6L	1	6	75	20
T49H7L	1	7	75	20
T49H10L	1	10	75	20
T49H10XL	1	10	115	75
T49H12L	1	12	75	20

T49T

10 MM BITS FOR TORX® SCREWS

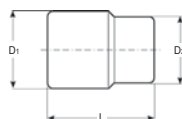


- Drive: 10 mm
- Finish: zinc phosphated
- Material: High performance alloy steel
- In plastic bag of 1 pc

R			mm	L mm	g
T49T20	1	T20	3,84	30	6,5
T49T25	1	T25	4,4	30	6,5
T49T27	1	T27	4,96	30	6,5
T49T30	1	T30	5,49	30	6,5
T49T40	1	T40	6,6	30	6,5
T49T45	1	T45	7,7	30	6,5
T49T50	1	T50	8,79	30	6,5
T49T55	1	T55	11,17	30	6,5
T49T55L	1	T55	11,17	75	20
T49T60	1	T60	13,2	30	6,5
T49T20L	1	T20	3,84	75	20
T49T25L	1	T25	4,4	75	20
T49T27L	1	T27	4,96	75	20
T49T30L	1	T30	5,49	75	20
T49T40L	1	T40	6,6	75	20
T49T45L	1	T45	7,7	75	20
T49T50L	1	T50	8,79	75	20
T49T55XL	1	T55	11,17	115	75
T49T60L	1	T60	13,2	75	20

T4901

1/2" ADAPTOR FOR 10 MM BITS

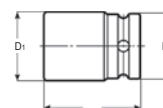


- 1/2" Adaptor for 10 mm bits
- Finish: Zinc phosphated
- Material: High performance alloy steel
- In plastic bag of 1 pc

R		mm	L mm	D1 mm	D2 mm	g
T4901	1	10	36	17	22	55

T4902

3/8" ADAPTOR FOR 10 MM BITS



- 3/8" Adaptor for 10 mm bits
- Finish: Zinc phosphated
- Material: High performance alloy steel
- In plastic bag of 1 pc

R		mm	L mm	D1 mm	D2 mm	g
T4902	1	10	35	15	10	32

10 mm bits

T49TH

10 MM BITS FOR TORX® TAMPER SCREWS



- Drive: 10 mm
- Finish: zinc phosphated
- Material: High performance alloy steel
- In plastic bag of 1 pc

R				L mm	g
T49T20H	1	T20	3,84	30	6,5
T49T25H	1	T25	4,4	30	6,5
T49T27H	1	T27	4,96	30	6,5
T49T30H	1	T30	5,49	30	6,5
T49T40H	1	T40	6,6	30	6,5
T49T45H	1	T45	7,7	30	6,5
T49T50H	1	T50	8,79	30	6,5
T49T55H	1	T55	11,17	30	6,5
T49T60H	1	T60	13,2	30	6,5
T49T20HL	1	T20	3,84	75	20
T49T25HL	1	T25	4,4	75	20
T49T27HL	1	T27	4,96	75	20
T49T30HL	1	T30	5,49	75	20
T49T40HL	1	T40	6,6	75	20
T49T45HL	1	T45	7,7	75	20
T49T50HL	1	T50	8,79	75	20
T49T55HL	1	T55	11,17	75	20
T49T60HL	1	T60	13,2	75	20

T49M

10 MM BITS FOR XZN SCREWS



- Drive: 10 mm
- Finish: zinc phosphated
- Material: High performance alloy steel
- In plastic bag of 1 pc

R			L mm	g
T49M5	1	M5	30	6,5
T49M6	1	M6	30	7
T49M8	1	M8	30	7
T49M10	1	M10	30	8,5
T49M12	1	M12	30	10
T49M14	1	M14	30	20
T49M5L	1	M5	75	15
T49M6L	1	M6	75	15
T49M8L	1	M8	75	15
T49M10L	1	M10	75	15
T49M12L	1	M12	75	15

10 MM SQUARE BITS

T49SQ8



- Drive: 10 mm
- Finish: zinc phosphated
- Material: High performance alloy steel
- In plastic bag of 1 pc

R			L mm	g
T49SQ8	1	8	30	17
T49SQ10	1	10	30	22

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1/2" Socket drivers for Torx® tamper screws

SOCKET DRIVERS T49T_L

- 1/2" socket drivers for Torx® Tamper screws
- Finish: Zinc phosphated
- Material: High performance alloy steel
- In plastic bag of 1 pc

R				L mm	L1 mm	g
T49T30XL	1	TR30	1/2"	200	160	122
T49T40XL	1	TR40	1/2"	200	160	123
T49T45XL	1	TR45	1/2"	200	160	125
T49T70HL	1	TR70	1/2"	100	60	167
T49T80HL	1	TR80	1/2"	70	30	163



10 MM BITS SET, 31 PCS. 471151



- Drive: 10 mm
- Finish: zinc phosphated
- Material: High performance alloy steel
- In metal box

R			g
471151	1	37x195x105	1.270
T4901	○	1/2" - 10 mm	
T49H	●	H5, H6, H8, H10, H12, H14 x 30 mm	
T49H_L	●	H6, H8 x 70 mm	
T49H_XL	●	H10 x 115 mm	
T49M	⊗	M5, M6, M8, M10, M12, M14 x 30 mm	
T49M_L	⊗	M8, M10, M12 x 75 mm	
T49T	⊛	T20, T25, T27, T30, T40, T45, T50, T55 x 30 mm	
T49T_L	⊛	T45 x 70 mm	
T49T_XL	⊛	T55 x 115 mm	
T49SQ	■	8, 10 x 30 mm	

10 MM BITS SET, 49 PCS. T49



- Drive: 10 mm
- Finish: zinc phosphated
- Material: High performance alloy steel
- In metal box

R			g
T49	1	60x325x195	3.600
T4901	○	1/2" - 10 mm	
T4902	○	3/8" - 10 mm	
T49T30XL	⊛	T30 - 200 mm	
T49T40XL	⊛	T40 - 200 mm	
T49T45XL	⊛	T45 - 200 mm	
T49T70HL	⊛	T70 - 200 mm	
T49T80HL	⊛	T80 - 200 mm	
T49H	●	H4, H5, H6, H7, H8, H10, H12 x 30 mm	
T49H_L	●	H4, H5, H6, H7, H8, H10, H12 x 75 mm	
T49M	⊗	M5, M6, M8, M10, M12 x 30 mm	
T49M_L	⊗	M5, M6, M8, M10, M12 x 75 mm	
T49T_H	⊛	T20, T25, T27, T30, T40, T45, T50, T55, T60 x 30 mm	
T49T_HL	⊛	T20, T25, T27, T30, T40, T45, T50, T55, T60 x 75 mm	



IRIMO

8. STRIKING TOOLS

Punches and Chisels

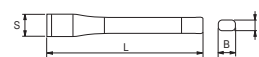
COLD CHISELS



- Chrome vanadium
- UNE 16567

R		L mm	S mm	A mm	g
501061	10	150	18	10	133
501071	10	175	21	11	192
501081	10	200	22	12	243
501101	10	250	25	13	357
501121	10	300	26	14	552

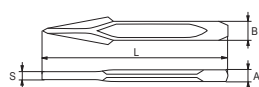
FLAT COLD CHISELS



- Chrome molib. vanadium
- Finish: Lacquered, copper coloured, safety impact head
- Flat oval shank
- DIN 7250

R		L mm	S mm	AxB mm	g
504061	5	150	21	11x17	181
504071	5	175	24	12x20	269
504081	5	200	28	13x23	390
504101	5	250	28	13x23	500
504121	5	300	32	13x26	602

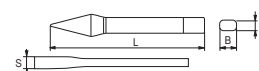
CAPE CHISELS



- Chrome vanadium
- UNE 16568

R		L mm	S mm	AxB mm	g
505061	5	150	6,5	11x17	129
505081	5	200	8,5	12x21	241
505101	5	250	9,5	14x24	404

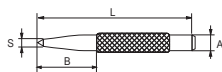
FLAT CAPE CHISELS



- Chrome molib. vanadium
- Finish: Lacquered, copper coloured, safety impact head
- Flat oval shank
- DIN 7250

R		L mm	S mm	AxB mm	g
506061	5	150	6	11x17	152
506071	5	175	7	12x20	231
506081	5	250	8	13x23	335

ROUND CENTRE PUNCHES



- Chrome vanadium
- UNE 16574

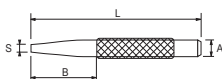
R		S mm	L mm	A mm	B mm	g
511021	10	2,5	100	8	35	31
511041	10	4	105	8	35	34
511051	10	5	110	8	40	37
511061	10	6	115	10	45	60
511081	10	8	130	12	50	98

ROUND CENTRE PUNCH SETS

511911 - 511921

R		S mm	L mm	A mm	B mm	g
511911	1	4	2,5 - 4 - 6 - 8 mm			234
511921	1	5	2,5 - 4 - 5 - 6 - 8 mm			275

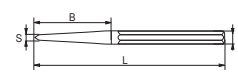
TAPER PUNCHES



- Chrome vanadium
- UNE 16576

R		S mm	L mm	A mm	B mm	g
513021	10	2	100	8	35	31
513031	10	3	100	8	35	32
513041	10	4	115	10	45	55
513051	10	5	115	10	45	59
513061	10	6	130	12	50	94
513081	10	8	150	12	55	117
513101	10	10	170	14	60	183

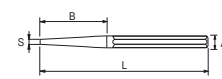
OCTOGONAL CENTRE PUNCHES



- Chrome molib. vanadium
- Finish: Lacquered, copper coloured, safety impact head
- Octogonal shank
- DIN 7250

E		S mm	L mm	A mm	B mm	g
512101	10	4	120	10	40	62
512121	10	4	120	12	40	88

OCTOGONAL TAPER PUNCHES



- Chrome molib. vanadium
- Finish: Lacquered, copper coloured, safety impact head
- Octogonal shank
- DIN 6458

E		S mm	L mm	A mm	B mm	g
514021	5	2	120	10	40	60
514031	5	3	120	10	40	60
514041	5	4	120	10	40	62
514051	5	5	120	10	40	64
514061	5	6	120	12	40	93

Punches and Chisels

TAPER PUNCH SETS

513911 - 513921



513911	1	5	2 - 4 - 6 - 8 - 10 mm		502
513921	1	7	2 - 3 - 4 - 5 - 6 - 8 - 10 mm		602

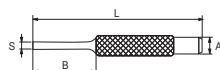
OCTOGONAL TAPER PUNCH SETS

519911



519911	1	150x80x12			409
514021, 514031, 514041, 514051, 514061			2 - 3 - 4 - 5 - 6 mm		
512101				4 mm	

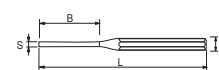
PARALLEL PIN PUNCHES



- Chrome vanadium
- UNE 16575

		S mm	L mm	A mm	B mm	g
515021	10	2	100	8	28	29
515031	10	3	100	8	28	30
515041	10	4	100	8	28	31
515051	10	5	115	10	33	53
515061	10	6	115	10	33	55
515071	10	7	115	10	33	58
515081	10	8	130	12	43	91
515091	10	9	130	12	43	96
515101	10	10	130	14	53	143

OCTOGONAL PARALLEL PIN PUNCHES



- Chrome molib. vanadium
- Finish: Lacquered, copper coloured, safety impact head
- Octagonal shank
- DIN 6450

		S mm	L mm	A mm	B mm	g
516021	5	2	150	10	35	63
516031	5	3	150	10	40	63
516041	5	4	150	10	50	63
516051	5	5	150	10	50	64
516061	5	6	150	10	50	70
516081	5	8	150	12	55	106

PARALLEL PIN PUNCH SETS

515911



IRIMO	Icon	QTY	Specs	Weight
515911		1 9	2 - 3 - 4 - 5 - 6 - 7 - 8 - 9 - 10 mm	622

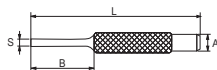
OCTOGONAL PARALLEL PIN PUNCH SETS

519921






IRIMO	Icon	QTY	Specs	Weight
519921		1 6	2 - 3 - 4 - 5 - 6 - 8 mm	409

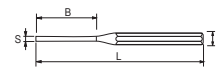
ROUND PARALLEL PIN PUNCHES, LONG SERIES



- Chrome vanadium
- UNE 16575

		S mm	L mm	A mm	B mm	
517021	5	2	120	8	30	33
517031	5	3	130	8	40	35
517041	5	4	135	8	45	37
517051	5	5	140	10	50	60
517061	5	6	145	10	55	64
517081	5	8	150	12	60	100

OCTOGONAL PIN PUCHES, LONG SERIES



- Finish: Lacquered, copper coloured, safety impact head
- Octogonal shank
- Long length

		S mm	L mm	A mm	B mm	
518041	5	4	175	10	80	61
518061	5	6	175	10	80	72

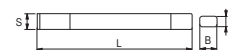
ROUND PARALLEL PIN PUNCH SETS, LONG SERIES

517911



IRIMO	Icon	QTY	Specs	Weight
517911		1 6	2 - 3 - 4 - 5 - 6 - 8 mm	355

EXTRAFLAT COLD CHISEL

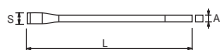


- Chrome molib. vanadium
- Finish: Lacquered, copper coloured, safety impact head
- Flat oval shank

		L mm	S mm	A mm	B mm	 g
502091	5	230	26	7	26	285

Punches and Chisels

ELECTRICIANS' COLD CHISELS

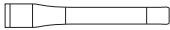
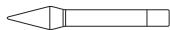
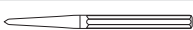





SET 519931



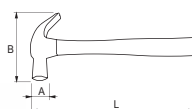
- Chrome molib. vanadium

Q		L mm	S mm	A mm	g
503081	5	200	12	8	93
503101	5	250	12	8	119
503121	5	300	12	8	142

Q			g
519931	1	160x85x12	600
50406			150 mm
50606			150 mm
51210			4 mm
51403			3 mm
51404			4 mm
51605			5 mm

Hammers

CLAW HAMMER



- Spanish type claw hammer
- Conical trimaterial handle

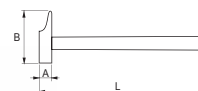
Q			g	A mm	B mm	L mm	g
523121	1	A	350	28,2	107,3	330	500
523131	1	B	475	31,1	118,3	330	625
523141	1	C	550	31,6	125,5	330	700



- Fiberglass handle

Q		
523211	1	523121 / 523131 (A / B)
523231	1	523141 (C)

JOINER'S HAMMER



- Trimaterial handle, with fiberglass core and covered with polypropylene and elastomere for a good grasp

Q			g	A mm	B mm	L mm	g
522221	1	A	155	18	81	280	250
522231	1	B	170	20	91	282	265
522241	1	C	205	22	99	288	330
522251	1	D	270	25	107	291	395
522261	1	E	380	28	110	309	540
522271	1	F	460	30	120	311	620

BALL PEIN HAMMERS



- Handle with wedges
- Hickory handle

R			g	A mm	B mm	L mm	g
521011	1	A	225	25	78	318	350
521021	1	B	340	27	87	318	465
521031	1	C	455	30	97	318	580
521041	1	D	560	33	106	318	685
521051	1	E	680	35	116	343	855
521061	1	F	910	37	127	343	1.085
521071	1	G	1.135	38	134	378	1.360
521081	1	H	1.360	40	144	385	1.565



- Wooden handle

R			
521201	1	521011 (A)	
521211	1	521021 / 521031 / 521041 (B / C / D)	
521251	1	521051 / 521061 (E / F)	
521271	1	521071 / 521081 (G / H)	

BALL PEIN HAMMERS



- Trimaterial handle, with fiberglass core and covered with polypropylene and elastomere for a good grasp

R			g	A mm	B mm	L mm	g
521521	1	B	340	27	90	317	495
521531	1	C	455	30	100	320	610
521541	1	D	560	33	108	324	715
521551	1	E	680	35	120	335	905
521561	1	F	910	37	131	337	1.135
521571	1	G	1.135	38	139	387	1.395
521581	1	H	1.360	40	148	390	1.620

RIVOIR HAMMER



- French type hammer, for use on metal

R			g	A mm	B mm	L mm	g
525711	1	26	310	26	80	261	375
525731	1	30	475	30	91	281	570
525751	1	35	725	35	102	301	830
525761	1	40	965	40	106	334	1.100
525771	1	45	1.205	45	125	361	1.465
525781	1	50	1.415	50	135	391	1.810



- Wooden handle

R			
525811	1	525711	
525831	1	525731	
525851	1	525751	
525861	1	525761	
525871	1	525771	
525881	1	525781	

SPANISH STONING HAMMER



- Spanish type mallet
- Conical trimaterial handle

R			g	A mm	B mm	L mm	g
530261	1	A	1.000	38	128	290	1.180
530311	1	B	1.250	43	138	290	1.430



R			
530611	1	530261 / 530311 (A / B)	

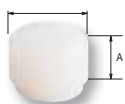
Hammers

ANTI-BOUNCE NYLON FACED HAMMERS



- Wooden handle

R		S mm	A mm	L mm	g
529611	6	35	115	370	500
529621	6	50	120	390	1.000
529631	6	60	125	420	1.560



- Anti-bounce nylon faced hammer

R		A mm	B mm	g
529701	1	25	35	20
529711	1	28	50	50
529721	1	30	60	60



- Anti-bounce hammer handle

R			g
529801	1	35	90
529811	1	50	140
529821	1	60	215

BLACK RUBBER MALLET



- For flooring and walls

R		A mm	B mm	L mm	g
529251	1	55	90	320	250
529261	1	65	115	340	440
529271	1	75	125	360	600
529291	1	90	139	360	720

NYLON FACED HAMMERS



- Metal handle, rubber grip

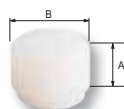
R		S mm	A mm	L mm	g
529021	6	28	80	255	325
529031	6	35	100	285	650
529041	6	44	125	300	1.105

NYLON FACED HAMMERS



- Wooden handle

R		S mm	A mm	L mm	g
529151	6	22	65	215	145
529161	6	28	80	270	260
529171	6	35	100	295	500
529181	6	44	125	345	1.010
529191	6	55	140	380	1.480



- Nylon faced

R		A mm	B mm	Ø mm	g
529061	1	12	22	8	10
529071	1	19	28	9	15
529081	1	22	35	10	20
529091	1	27	44	13	50
529101	1	32	55	16	80



- Nylon hammer handle

R			g
529751	1	22	50
529761	1	28	70
529771	1	35	100
529781	1	44	150
529791	1	55	170

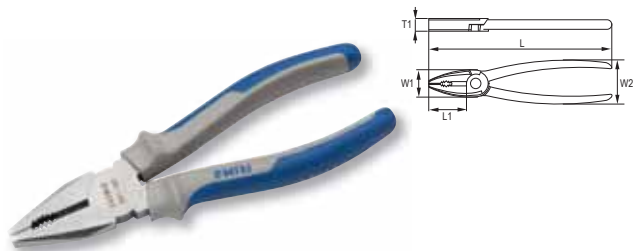


IRIMO

9. PLIERS – SCISSORS AND KNIVES

Holding pliers

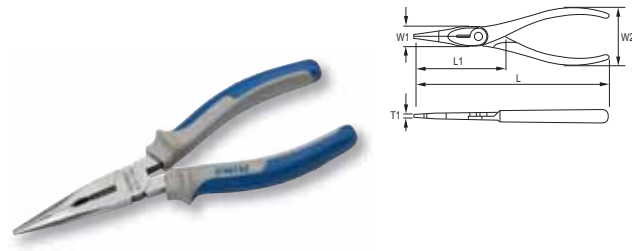
COMBINATION PLIERS



- High performance steel
- ISO 5746
- Edges at 58-65 HRc

R		L mm	L1 mm	W1 mm	W2 mm	T1 mm	1 mm	2 mm	g
601-160-1	5	160	35	24	50	10	Ø 1,0 mm	Ø 1,6 mm	190
601-180-1	5	180	38	27	50	10	Ø 1,0 mm	Ø 2,0 mm	240
601-200-1	5	197	41,5	29,5	50	10	Ø 1,0 mm	Ø 2,5 mm	300

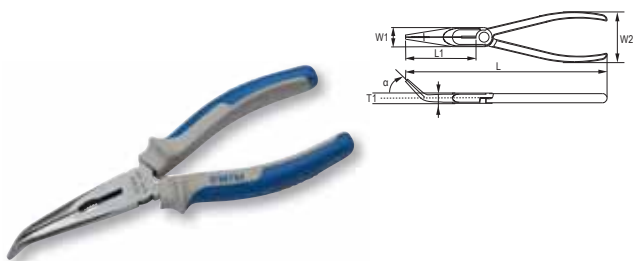
SNIPE NOSE PLIERS



- High performance steel
- ISO 5745
- Edges at 58-65 HRc

R		L mm	L1 mm	W1 mm	W2 mm	T1 mm	1 mm	2 mm	g
612-160-1	5	161	61,5	16,5	49	10	Ø 1,0 mm	Ø 1,6 mm	140
612-200-1	5	201	78	18	50	10,5	Ø 1,0 mm	Ø 1,6 mm	180

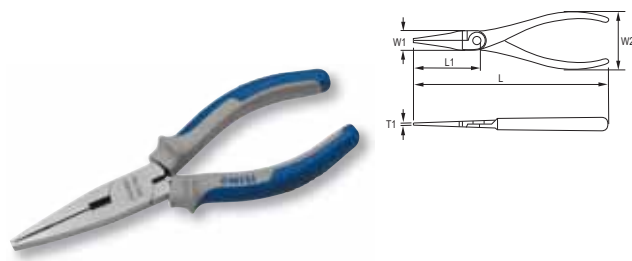
SNIPE NOSE PLIERS



- High performance steel
- ISO 5745
- Edges at 58-65 HRc

R		L mm	L1 mm	W1 mm	W2 mm	TA mm	α	1 mm	2 mm	g
613-200-1	5	197	74	18	50	10,5	45°	Ø 1,0 mm	Ø 1,6 mm	180

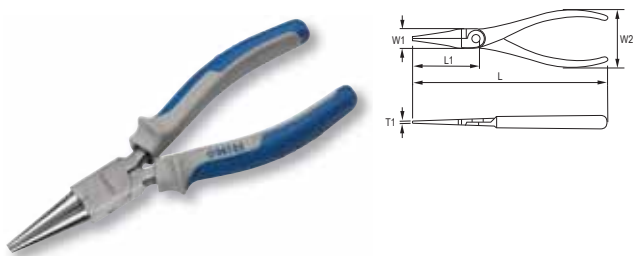
FLAT NOSE PLIERS



- High performance steel
- ISO 5745
- 45-50 HRc

R		L mm	L1 mm	W1 mm	W2 mm	T1 mm	g
604-160-1	5	158	48	17	48	9	150

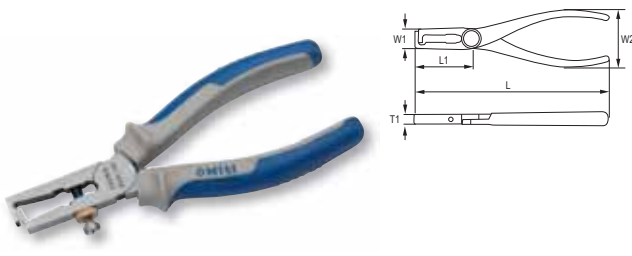
ROUND NOSE PLIERS



- High performance steel
- ISO 5745
- 45-50 HRc

R		L mm	L1 mm	W1 mm	W2 mm	T1 mm	g
608-160-1	5	158	38	17	48	8,5	150

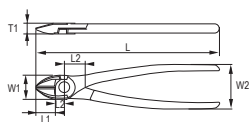
STRIPPING PLIERS



- High performance steel
- 45-50 HRc

R		L mm	L1 mm	W1 mm	W2 mm	T1 mm	1 mm	g
629-160-1	5	160	40,5	19	48	9	1-6	170

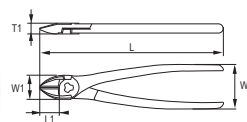
SIDE CUTTING PLIERS



- High performance steel
- Edges hardened to 60-65 HRC
- ISO 5749
- Cutting capacity:
 - 1- Bronze wire
 - 2- Medium hard wire

R		L	L1	L2	L2	W1	W2	T1			g
	mm	mm	mm	mm	mm	mm	mm	mm	1 mm	2 mm	
624-140-1	5	142	20,5	6	12	18,6	50	10	Ø 0,5 mm	Ø 1,6 mm	170
624-160-1	5	255	21,5	7	13	21,6	50	11,5	Ø 0,5 mm	Ø 1,6 mm	200
624-180-1	5	176	24,5	7	14	25,6	50	12,5	Ø 0,5 mm	Ø 1,6 mm	250

SIDE CUTTING PLIERS



- High performance steel
- Edges hardened to 60-65 HRC
- ISO 5749
- Cutting capacity:
 - 1- Bronze wire
 - 2- Medium hard wire

R		L	L1	W1	W2	T1			g
	mm	mm	mm	mm	mm	mm	1 mm	2 mm	
625-180-1	5	180	20,5	25,6	49	11,5	Ø 0,5 mm	Ø 1,8 mm	280
625-200-1	5	206	23	30	54	12	Ø 0,5 mm	Ø 2,0 mm	320

Pliers sets

PLIERS SETS

601-3-C



- High performance steel
- Bimaterial handles

R			g
		mm	
601-3-C	1	270x205x40	690
601-180-1			180 mm
624-160-1			160 mm
612-200-1			200 mm

PLIERS SETS

602-3-C

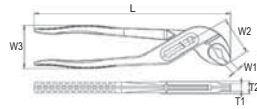


- High performance steel
- Bimaterial handles

R			g
		mm	
602-3-C	1	270x205x40	850
601-180-1			180 mm
624-160-1			160 mm
634-250-1			250 mm

Slip joint pliers

SLIP JOINT PLIERS



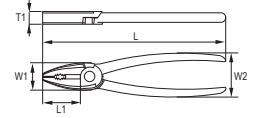
- High performance steel
- ISO 7986
- Teeth hardened to 50-57 HRc

R		L mm	W1 mm	W2 mm	W3 mm	T1 mm	T2 mm	g
634-200-1	5	175	5,8	35,8	41	7,5	12	170
634-250-1	5	240	5	47,5	50	7	12,5	320
634-300-1	5	302	3	52,5	59,6	8	14,5	430

Insulated pliers

INSULATED COMBINATION PLIERS

IEC 60900 1000V

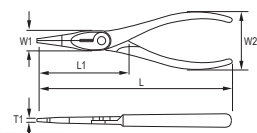


- For work on live equipment, up to 1000 V
- High performance steel
- ISO 5746
- Edges at 58-65 HRc
- Cutting capacity:
 - 1- Bronze wire
 - 2- Medium hard wire

R		L mm	L1 mm	W1 mm	W2 mm	T1 mm			g
601V-160-1	5	160	35	24	50	10	Ø 1,0 mm	Ø 1,6 mm	190
601V-180-1	5	180	38	27	50	10	Ø 1,0 mm	Ø 2,0 mm	240
601V-200-1	5	197	41,5	29,5	50	11	Ø 1,0 mm	Ø 2,5 mm	300

SNIPE NOSE PLIERS INSULATED

IEC 60900 1000V

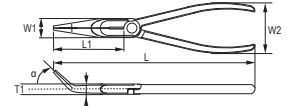


- High performance steel
- ISO 5746
- Edges at 58-65 HRc
- Cutting capacity:
 - 1- Bronze wire
 - 2- Medium hard wire

R		L mm	L1 mm	W1 mm	W2 mm	T1 mm			g
612V-160-1	5	161	61,5	16,5	49	10	Ø 1,0 mm	Ø 1,6 mm	140
612V-200-1	5	201	78	18	50	10,5	Ø 1,0 mm	Ø 1,6 mm	180

SNIPE NOSE PLIERS INSULATED

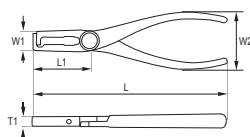
IEC 60900 1000V



- For work on live equipment, up to 1000 V
- High performance steel
- ISO 5745
- Edges at 58-65 HRc
- Cutting capacity:
 - 1- Bronze wire
 - 2- Medium hard wire

R		L mm	L1 mm	W1 mm	W2 mm	TA mm	α			g
613V-200-1	5	197	74	18	50	10,5	45°	Ø 1,0 mm	Ø 1,6 mm	180

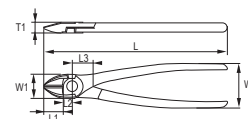
STRIPPING PLIERS INSULATED

IEC 60900  1000V  

- For work on live equipment, up to 1000 V
- High performance steel
- 45-50 HRc

		L mm	L1 mm	W1 mm	W2 mm	T1 mm		
629V-160-1	5	160	40,5	19	48	9	1-6	170

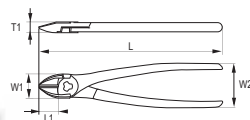
INSULATED SIDE CUTTING PLIERS



- For work on live equipment, up to 1000 V
- High performance steel
- Edges hardened to 60-65 HRc
- ISO 5749
- Cutting capacity:
 - 1- Bronze wire
 - 2- Medium hard wire

		L mm	L1 mm	L2 mm	W1 mm	W2 mm	T1 mm			
624V-160-1	5	255	21,5	7	13	21,6	50	11,5	Ø 0,5 mm	Ø 1,6 mm 200

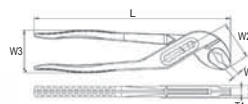
INSULATED HEAVY DUTY SIDE CUTTING PLIERS

IEC 60900  1000V  

- For work on live equipment, up to 1000 V
- High performance steel
- Edges hardened to 60-65 HRc
- ISO 5749
- Cutting capacity:
 - 1- Bronze wire
 - 2- Medium hard wire

		L mm	L1 mm	W1 mm	W2 mm	T1 mm			
625V-180-1	5	180	20,5	25,6	49	11,5	Ø 0,5 mm	Ø 1,8 mm	280

INSULATED SLIP JOINT PLIERS

IEC 60900  1000V  

- For work on live equipment, up to 1000 V
- High performance steel
- ISO 7986
- Teeth hardened to 50-57 HRc

		L mm	W1 mm	W2 mm	W3 mm	T1 mm	T2 mm	
634V-250-1	5	240	5	47,5	50	7	12,5	310




PLIERS SETS

601V-3-C

IEC 60900  1000V  

- For work on live equipment, up to 1000 V
- High performance steel
- IEC 60900

			
601V-3-C	1	270x205x40	690

601V-180-1		180 mm
624V-160-1		160 mm
612V-200-1		200 mm



1

2

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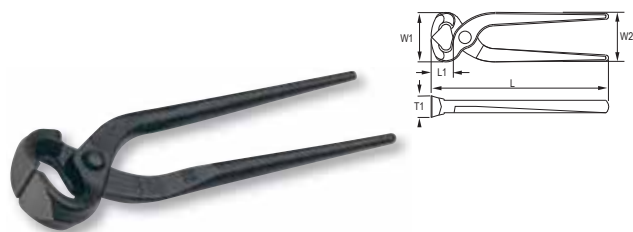
10

11

12

Pincers and fencing pliers

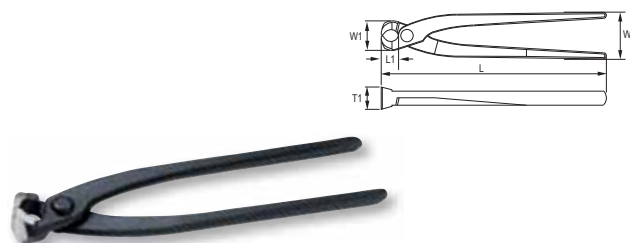
CARPENTERS' PINCERS



- High performance steel
- ISO 9243
- Teeth hardened to 58-64 HRC
- Cutting capacity:
2- Medium hard wire

Q		L mm	L1 mm	W1 mm	W2 mm	T1 mm	2 mm	g
631-200-1	5	200	23	53	45	24	1,6 mm	360

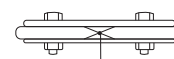
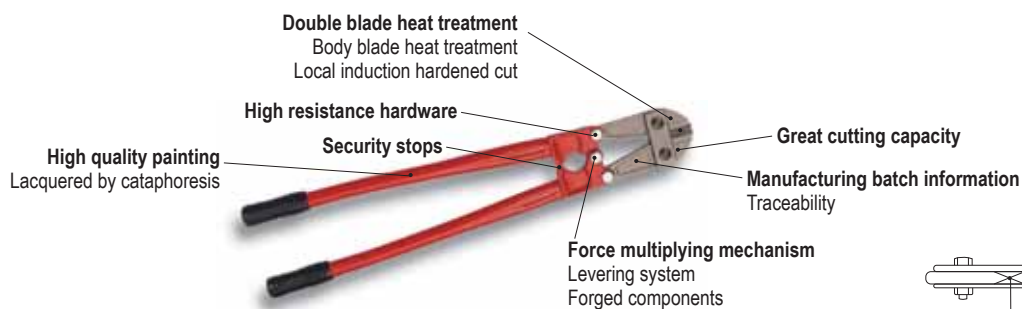
FENCING PLIERS



- High performance steel
- ISO 9243
- Teeth hardened to 58-64 HRC
- Cutting capacity:
2- Medium hard wire

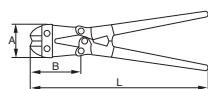
Q		L mm	L1 mm	W1 mm	W2 mm	T1 mm	2 mm	g
632-220-1	5	220	16	29,4	46	22	1,6 mm	350
632-250-1	5	250	18	33	46	24,5	1,6 mm	400
632-280-1	5	280	19	37	48	24,5	1,6 mm	460

Bolt cutters



Central cut
Versatility to cut hard or soft materials

BOLT CUTTERS



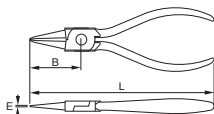
- High performance alloy steel
- Double heat treatment on the blades
- Black finish

Q		L mm	A mm	B mm	80 kg/mm ²	120 kg/mm ²	160 kg/mm ²	g
651111	1	470-1	66	104	7	6	5	1.785
651121	1	630-2	85	137	9	8	7	2.860
651131	1	750-3	100	160	11	9	8	4.410
651141	1	900-4	120	182	13	10	9	5.800

Q			A mm	B mm	g
651211N	1	651.111	66	104	370
651221N	1	651.121	85	137	875
651231N	1	651.131	100	160	1.295
651241N	1	651.141	120	182	1.930

Circlip pliers

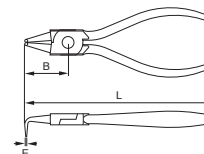
INTERNAL STRAIGHT



- DIN 5256
- Black finish for corrosion protection
- High performance alloy steel
- 45-50 HRc
- Straight forged tips

R		L mm	E mm	B mm			g
621551	5	140	38	0,8	8 - 13	1	80
621561	5	140	38	1,2	12 - 25	1	80
621571	5	180	57	1,7	19 - 60	1	170
621581	5	225	69	2,2	40 - 100	1	275
621591	1	310	95	3,1	85 - 165	1	490

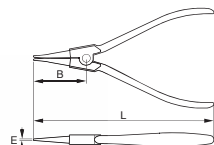
INTERNAL BENT



- DIN 5256
- Black finish for corrosion protection
- High performance alloy steel
- 45-50 HRc
- Curved forged tips

R		L mm	E mm	B mm			g
621651	5	127	25	0,8	8 - 13	1	80
621661	5	127	25	1,2	12 - 25	1	80
621671	5	165	43	1,7	19 - 60	1	170
621681	5	208	52	2,2	40 - 100	1	275
621691	1	289	74	3,1	85 - 165	1	490

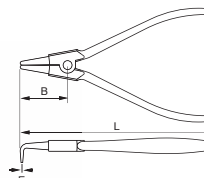
EXTERNAL STRAIGHT



- DIN 5254
- Black finish for corrosion protection
- High performance alloy steel
- 45-50 HRc
- Straight forged tips
- Internal spring

R		L mm	E mm	B mm			g
621751	5	140	38	0,8	3 - 10	1	80
621761	5	140	38	1,2	10 - 25	1	80
621771	5	180	57	1,7	19 - 60	1	170
621781	5	225	69	2,2	40 - 100	1	275
621791	1	295	95	3,1	85 - 165	1	490

EXTERNAL BENT










- DIN 5254
- Black finish for corrosion protection
- High performance alloy steel
- 45-50 HRc
- Bent forged tips
- Internal spring

R		L mm	E mm	B mm			g
621851	5	127	25	0,8	3 - 10	1	80
621861	5	127	25	1,2	10 - 25	1	80
621871	5	165	43	1,7	19 - 60	1	170
621881	5	208	52	2,2	40 - 100	1	275
621891	1	295	74	3,1	85 - 165	1	490

Circlip pliers

CIRCLIP PLIERS SET 601911

- DIN 5254
- Black finish for corrosion protection
- High performance alloy steel
- 45-50 HRC
- Forged tips

			
601911	1	260x220x30	750
621571			19-60 mm
621671			19-60 mm
621771			19-60 mm
621871			19-60 mm



Metal shears. Aviation / Compound shear

STRAIGHT CUT



- Forged from steel containing chromium and molybdenum for good resistance
- Lever system increases efficiency
- Handles with soft grip part and return spring to enhance the working comfort
- Yellow handles = straight cut
- Cutting capacity: 1- Stainless steel, 2- Cold rolled steel
- 658421-1: spare pieces set (nut, spring and spindle)

					
658-250-1	1	250	0,7	1,2	390

RIGHT CUT



- Forged from steel containing chromium and molybdenum for good resistance
- Lever system increases efficiency
- Handles with soft grip part and return spring to enhance the working comfort
- Green handles = right cut
- Cutting capacity: 1- Stainless steel, 2- Cold rolled steel
- 658421-1: spare pieces set (nut, spring and spindle)

					
659-250-1	1	250	0,7	1,2	395

LEFT CUT

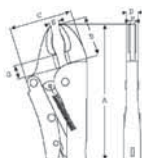
- Forged from steel containing chromium and molybdenum for good resistance
- Lever system increases efficiency
- Handles with soft grip part and return spring to enhance the working comfort
- Red handle = left cut
- Cutting capacity: 1- Stainless steel, 2- Cold rolled steel
- 658421-1: spare pieces set (nut, spring and spindle)

					
660-250-1	1	250	0,7	1,2	405



Locking pliers

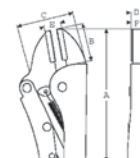
CURVED JAWS WITH CUTTER



- Zinc plated
- Shape: curved jaws for general purpose
- Retail packed

		A mm	B mm	C mm	D mm	E mm	F mm	G mm	 mm	 mm	
641-190-1	1	180	30	43	10	5	10	7	2	42	355
641-235-1	1	250	35	54	11	6	11	11	3	63	540

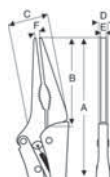
STRAIGHT JAWS



- Zinc plated
- Shape: parallel jaws for general purpose
- Retail packed

Q		A	B	C	D	E	F	G	H	g
		mm	mm	mm	mm	mm	mm	mm	mm	mm
642-190-1	1	190	45	58	13	10	42	6	42	390
642-235-1	1	250	45	73	16	14	63	12	63	530

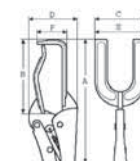
LONG NOSE



- Zinc plated
- Shape: long slim jaw design. Curved section
- Retail packed

Q		A	B	C	D	E	F	G	H	g
		mm	mm	mm	mm	mm	mm	mm	mm	mm
643-165-1	1	165	62	27	11	5	4	55	190	

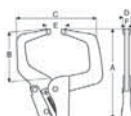
U CLAMP



- Zinc plated
- Shape: U-shaped locking clamp
- Retail packed

Q		A	B	C	D	E	F	G	H	g
		mm	mm	mm	mm	mm	mm	mm	mm	mm
644-300-1	1	290	87	70	88	70	60	90	950	

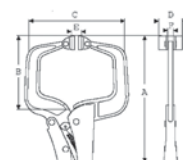
C CLAMP



- Zinc plated
- Shape: C-shaped locking clamp
- Retail packed

Q		A	B	C	D	E	F	G	H	g
		mm	mm	mm	mm	mm	mm	mm	mm	mm
645-300-1	1	280	100	150	12	0-100	6	890		

C CLAMP WITH SWIVEL JAWS

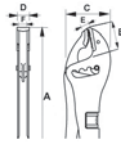


- Zinc plated
- Shape: C-shaped locking clamp with swivel parts which adjust themselves in parallel to the work piece
- Retail packed

Q		A	B	C	D	E	F	G	H	g
		mm	mm	mm	mm	mm	mm	mm	mm	mm
646-300-1	1	280	113	137	32	6	6	80	770	

Locking pliers

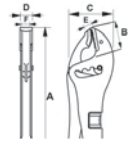
4 POSITION PLIERS



- Chrome plated for good rust protection
- Shape: With flat and convex jaws that can be adjusted in 4 different positions for an increased gripping capacity
- Application: holds most L, T & U profiles
- Retail packed

R		A mm	B mm	C mm	D mm	E mm	F mm	g
647-235-1	1	235	37	59	17	–	15	540

4 POSITION PLIERS



- Chrome plated for good rust protection
- Shape: With flat and convex jaws that can be adjusted in 4 different positions for an increased gripping capacity
- Extra long jaws with twice as large gripping capacity compared to standard model
- Application: holds most L, T & U profiles
- Retail packed

R		A mm	B mm	C mm	D mm	E mm	F mm	g
647-250-1	1	255	67	64	17	–	15	650

SOFT GRIP PLIERS SET

648-4-W



- 2-component handle
- Composition: Curved jaws of 140, 185 & 225 mm, Long Nose 165 mm
- Rolling nylon pouch

R		g
648-4-W	1	1.200

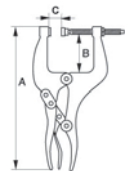


140, 185, 225 mm



165 mm

AUTOMATIC HAND VICES

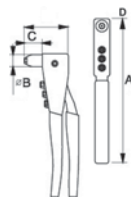


- Finish: Black finish
- Shape: Locking clamp with movable jaw for increased flexibility and general purpose work
- Application: For production or maintenance applications and general purpose work

R		A mm	B mm	C mm	g	g
645011	5	193	30	32	645.511	690
645021	5	196	30	70	645.521	765
645031	5	240	62	70	645.521	935
645041	5	240	62	150	645.541	1180

Riveting tools

HAND RIVETER



- General duty riveter with four different exchangeable heads for rivet capacities of 2.4 mm; 3.0-3.2 mm; 4.0 mm and 4.8 mm
- Includes a wrench for changing heads
- Spare parts:
 - 546101 Nosepiece Ø 2,4
 - 546111 Nosepiece Ø 3-3,2
 - 546121 Nosepiece Ø 4
 - 546131 Nosepiece Ø 5
 - 546151 3 Jaws Set

R		A mm	B mm	C mm	D mm	g
546011	1	250	22	34	75	500

2 ARM RIVETER



- Expert quality riveter with long handles for greater leverage
- To be used with aluminium, steel and stainless steel rivets with rivet capacities of 3.2 mm; 4.0 mm; 4.8 mm; 6.0 mm and 6.8 mm
- The transparent tube collects snappedoff rivet tails
- Spare parts:
 - 546201 Nosepiece Ø 4
 - 546211 Nosepiece Ø 5
 - 546221 Nosepiece Ø 6-6,4
 - 546251 3 Jaws Set

R		A mm	B mm	C mm	D mm	g
546021	1	520	22	58	160	1.800

NUT RIVETER SET ZKJ21



- M3-M8 Nut riveter
- Supplied with the inserts for the different rivet nut sizes as well as the necessary tools to assemble and disassemble those inserts
- It includes user manual with pictograms for easy understanding

R		mm	g
ZKJ21	1	360x280x75	2.300

Quick change cutter

QUICK CHANGE CUTTER



- Blade safety system
- Quick blade changing system
- 6 blade stock
- Delivered with 6 blades
- Rubber handle
- Injected metal body
- For high accuracy knives of 0,6 mm
- Allow blades of, straight, curved, of mark, etc... cutting

R		mm	g
Z150003	1	200	250

Electricians' Knives and Scissors

ELECTRICIANS' KNIVES



- Electrician's pocket folding knife
- Wire stripping shape with wooden handle

Q		L mm	A mm	g
664-200-1	10	200	85	83



- Electrician's pocket folding knife
- Stainless steel blade with plastic handle
- Wire stripping shape

Q		L mm	A mm	g
665-200-1	10	200	85	60

SCISSORS



- Electrician scissors with plastic coated finger loops
- Small groove in the blade for stripping cables
- 43 mm cutting length

Q		L mm	A mm	g
661051	10	130	42,5	70



- Electrician scissors with longer handles, plastic coated finger loops
- Small groove in the blade for stripping cables
- Better access to confined spaces
- Requiring less cutting force
- 38 mm cutting length

Q		L mm	A mm	g
661061	10	152	38	130

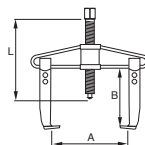


IRIMO

10. PULLING TOOLS

Extractors

UNIVERSAL 2 ARM PULLER



- Finish: galvanised, with induction hardened spindle
- Body and arms manufactured in forged steel
- Beam shape section light and strong
- Sharp arm hooks, greater accessibility to narrow places
- By reversing the arms, the extractor can be used as internal or external

R			A mm	B mm	L mm	T _{to}	g
701011	1	N. 1	90	100	135	4	1.040
701021	1	N. 11	130	100	135	4	1.140
701031	1	N. 2	160	150	205	8	3.000
701041	1	N. 21	200	150	205	8	3.275
701051	1	N. 3	250	200	270	13	7.400
701061	1	N. 31	350	200	270	13	8.200
701071	1	N. 22	520	200	310	14	13.600

R	R	L mm	F mm	mm	R	L mm
701011	N.1	701311	100	M14x1.5x135	17	701211 100 701221 200
701021	N.11	701311	100	M14x1.5x135	17	701211 100 701221 200
701031	N.2	701321	150	G1/2"x14x210	22	701231 150 701241 300
701041	N.21	701321	150	G1/2"x14x210	22	701231 150 701241 300
701051	N.3	701331	200	G3/4"x14x280	27	701251 200 701261 400 701271 500
701061	N.31	701331	200	G3/4"x14x280	27	701251 200 701261 400 701271 500
701071	N.32	701331	200	G3/4"x14x280	27	701251 200
		701431	400	G3/4"x14x280		701261 400
		701431	500	G3/4"x14x280		701271 500

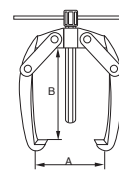
SELF-CENTERING 2 ARMS PULLERS



705201 - 705211



705221 - 705231



- 705201, 705211: ideal for removing small parts such as battery terminals, pulleys, wheels, ball bearings, etc.
- 705221, 705231: ideal for removing pulleys, wheels, ball bearings
- Automatic gripping

R		A mm	B mm	T _{to}	g
705201	1	55	45	0,5	140
705211	1	65	65	0,5	165
705221	1	80	80	1	400
705231	1	120	120	2	700

R	R	F mm	mm	R	R	R
705201		M 10x1,5 x 60		795321		795311
705211		M 10x1,5 x 80		795291		795311
705221	795021	M 12x1,5 x 110	14	795271	795381	795281
705231	795061	M 14x1,5 x 155	17	795331		795411

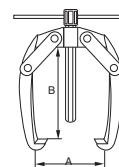
SELF-CENTERING 3 ARMS PULLERS



705301 - 705311



705321 - 705331 - 705341

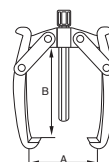


- 705301, 705311: ideal for removing small parts such as battery terminals, pulleys, wheels, ball bearings, etc.
- 705321, 705331, 705341: ideal for removing pulleys, wheels, ball bearings
- Automatic gripping

R		A mm	B mm	T ₀	g
705301	1	55	45	0,75	170
705311	1	65	65	0,75	210
705321	1	80	80	1,5	500
705331	1	120	120	3	1.000
705341	1	160	160	7,5	2.600

R	R	mm	mm	R	R	R
705301		M 10x1,5 x 60		795321		795311
705311		M 10x1,5 x 80		795291		795311
705321	795021	M 12x1,5 x 110	14	795271		795281
705331	795061	M 14x1,5 x 155	17	795331	795521	795411
705341	795111	M 18x1,5 x 200	19	795341	795531	

REVERSIBLE ARMS PULLERS



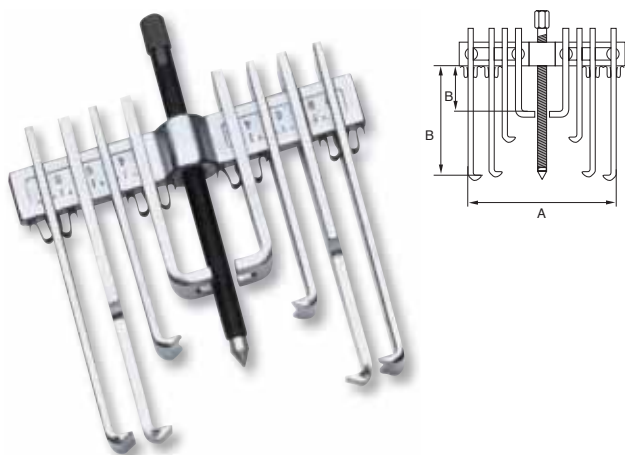
- Double ended with wide or narrow grips
- Automatic gripping
- The wide leg ends of the puller 707321 possess 8 mm slot, so that pulleys or gears may also be pulled using 8 mm bolts
- 707331 can also be used as 2 arms puller

R		A mm	B mm	T ₀	g
707311	1	90	80	3	1.500
707321	1	120	130	7,5	3.060
707331	1	305	220	10	6.500

R	R	mm	mm	R	R	R
707311	795041			795251	795521	795411
707321	795101			795261	795531	
707331	796441			796451	796481	796471

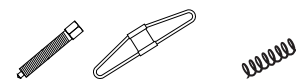
Extractors

MULTIPLE EXTRACTOR



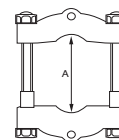
- Can be used as internal or external puller
- Two or more legs can be attached in line, obtaining greater reach

IR		A (mm) min. - max.	B (mm) min. - max.		g
713001	1	20 - 173	65 - 140	5	2.700
713011	1	75 - 250	77 - 182	10	6.000



IR	IR		IR	IR	IR
713001	796511	n-1	796491	796501	796551
	796521	n-2			
	796531	n-3			
	796541	n-4			
713011	713511	n-1	713611	796561	796571
	713521	n-2			
	713531	n-3			
	713541	n-4			

SEPARATORS

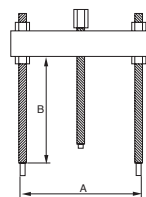


- For removing taper roller and ball bearings, inner bearing races and other tightly-seated or thin-walled parts
- Direction of use: the tapered edge of the separator's jaws forces the bearing away from the housing
- The bearing may then be extracted using the separator pullers

IR		A (mm) min. - max.		g
709101	1	5 60	709.201	450
709111	1	12 75	709.211	1.000
709121	1	22 115	709.221	2.300
709131	1	30 155	709.231	4.400

IR	IR		IR
709101	796151	M10	796141
709111	796171	M10	
709121			
709131	796211	M18x1,5	796201

PULLERS FOR SEPARATORS



- These separators pullers are used together with the bearing separator 709101 to 709151
- The tension bolts are screwed into the threaded holes in the bearing separators

Q		A (mm) min. - max.	B mm			g
709201	1	40 120	160	709.101	10 x 1,5	1.000
709211	1	60 165	230	709.111	10 x 1,5	2.450
709221	1	70 215	250	709.121	14 x 1,5	3.800
709231	1	90 300	270	709.131	18 x 1,5	7.200

Q	Q			Q	Q
709201	795041	M 14x1,5 x 125	17	796021	796011
709211	795101	M 18x1,5 x 170	19	796041	796031
709221	795131	G1/2 X 210	22	796061	796051
709231	795181	G3/4 X 280	27	796081	

EXTENSIONS

Q		L mm		g
709321	1	100	709.201 / 709.211	250
709331	1	100	709.221	500
709341	1	100	709.231	650
709351	1	200	709.241	2.100
709361	1	200	709.251	2.700



SEPARATORS SETS

709421 - 709431

- Set comprising separator, puller and extension rods
- In sheet metal case

Q				g
709421	1	295x250x50		2.800
709431	1	335x235x85		4.100

709421	709101	5-60 mm	709201	160 mm	709321 100 mm
709431	709111	12-75 mm	709211	230 mm	709321 100 mm



Extractors

STUD EXTRACTORS BIT SET

ZH1100



- Stud extractors set 15 pcs
- Finish: Blasted
- Material: Ni-Cr-Mo confers higher quality to the bits
- Displayed in a compact plastic case

Q			#
ZH1100	1	200x105x35	1.000
1/2"	3-4-5-5,5-6-8-10 mm	1/8"-3/16"-1/4"-3/8"	
5/8"	11-12-14 mm	1/2"	

STUD EXTRACTORS SETS

716211 - 716221 - 716231



- Finish: Blasted
- Material: Chrome-vanadium

Q			#		#
716211	1	95x55x15	1-2-3-4-5	M3-M8	110
716221	1	105x75x20	1-2-3-4-5-6	M3-M24	215
716231	1	115x110x30	1-2-3-4-5-6-7-8	M3-M45	690
			#		
			1	1.6	M 3-6
			2	2.6	M 6-8
			3	3.7	M 8-11
			4	5.5	M 11-14
			5	7.5	M 14-18
			6	10.3	M 18-24
			7	13.7	M 24-33
			8	18.6	M 33-45

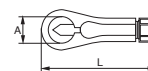
TAP WRENCH



- With reversible ratchet: Forward-reverse-locked
- Parallel clamping action
- Hardened jaws
- Sliding handle
- Chrome plated steel

Q				#
718211	1	2,6-5,5	85	180
718231	1	4,6-8	110	300

NUT SPLITTERS

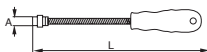


- For splitting jammed or stripped nuts without damaging the stud thread
- Galvanised and gunmetal finish
- Material: Special steel
- Suitable for nuts up to Property class 61

Q		A	L		#		
730011	1	32	126	M3-M16	6-27	440	796.661 796.671
730131	1	42	170	M14-M24	24-40	560	796.681 796.691

Pick-up tools

MAGNETIC PICK-UP TOOL



- Handle: 2-component handle, with hanging hole and anti-roll design
- Blade finish: Chrome plated and polished
- 720-1M-413: Neodym magnet, capacity 1 kg
- 720-3M-413: Neodym magnet, capacity 3 kg

R		Ø mm	A mm	L mm			g
720-1M-413	1	10	10	550	413	110	130
720-3M-413	1	17	13	550	413	110	280

CLAW PICK-UP TOOL



- For gripping very small parts
- Flexible shaft with steel core
- Finish: Chrome plated

R		L mm	g
720031	1	650	80

Pry bars

PRY BAR



- 90° special lever. Suitable for work in confined spaces such as behind gears
- Finish: Chrome plated

R		L mm	g
066101	1	400	480

OFFSET LEVER SET

ZH70610






- Pry bars for easy prying and bending
- Plastic handles with lightweight design offers a comfortable grip as well as powerful leverage potential

R		645x115x35 mm	g
ZH70610	1		1.400
		L mm	g
ZH70611		210 mm	200
ZH70612		310 mm	300
ZH70613		460 mm	400
ZH70614		610 mm	500

Sheet punches


SHEET METAL PUNCHES



R		Ø mm		
740021	1	16	M 8	80
740041	1	20	M 10	120
740051	1	22	M 10	160
740061	1	25	M 10	180
740081	1	30	M 12	320
740091	1	35	M 12	500
740101	1	40	M 14	660
740121	1	50	M 14	1.040

SPARE BOLT



R		Ø mm
740251	1	M 8
740261	1	M 10
740271	1	M 12
740281	1	M 14
740291	1	M 20










IRIMO

11. CUTTING TOOLS AND MEASURING

Bowsaw frames and blades

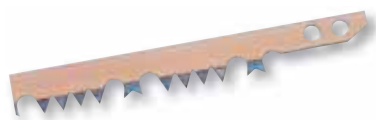
BOWSAW FRAMES

- Powder painted steel tube bow saw
- 802-2400-1 for dry wood
- 802-3000-1 and 802-3600-1 for green and wet wood







						
802-2400-1	5	610	24	51	675	23,8
802-3000-1	5	760	30	23	800	28,2
802-3600-1	5	910	36	23	920	32,4



BOWSAW BLADES, WET






- Suitable for sawing in green wood / wet wood
- Hardened and tempered high-quality steel
- Rust-prevention treated and packed in individual sleeve

					
		mm	"	g	oz
802-2423-1	10	607	24	60	2,1
802-3023-1	10	759	30	75	2,6
802-3623-1	10	912	36	95	3,4

BOWSAW BLADES, DRY



- For cutting dry, seasoned wood
- Hardened and tempered high-quality steel
- Rust-prevention treated and packed in individual sleeve

					
802-2451-1	10	607	24	65	2,3
802-3051-1	10	759	30	80	2,8
802-3651-1	10	912	36	100	3,5

Handsaw and blades

HANDSAW

- Screwed 2-component handle
- Handle can be used for approximate 45° and 90° marking guide
- Handsaw for all types of wood


R					
			mm	"	g
800-168-1	10	400	16	8	320
800-208-1	10	500	20	8	360
800-228-1	10	550	22	8	380



BIMETAL



- Shatterproof Bi-Metal blade with precision teeth for all kinds of metal sawing
- Bimetal blade is guaranteed to keep its sharpness for a long time
- Packaging:
 - 50: 50 blades in plastic box
 - 5P: 5 blades in a special package with hanging loop

R		LxWxT mm		g
803-318-5	5	300x13x0,65	18	17
803-324-5	5	300x13x0,65	24	17
803-332-5	5	300x13x0,65	32	17
803-318-50	50	300x13x0,65	18	17
803-324-50	50	300x13x0,65	24	17
803-332-50	50	300x13x0,65	24	17

ALUMINIUM HACKSAW FRAME



- Supplied with the 300 mm (12") reliable and shatterproof bi-metal blade 24 TPI
- A professional and strong hacksaw frame
- Alternative 55° blade mounting for flush cutting

R		L mm	g
801101	5	400 (300)	748

HACKSAW FRAME N.1



- A traditional designed, easy to use hacksaw frame

R		L mm	g
801011	10	512 (300)	575

HACKSAW FRAME N.3



- A traditional designed, easy to use hacksaw frame

R		L mm	g
801031	10	477 (300)	713

ALUMINIUM HOLDER



- A useful mini-hacksaw for small spaces

R		L mm	g
801145	5	140 (250)	713

Holesaws and arbors

HOLESAW



- Bi-metal holesaw
- The holesaw works in most materials as wood, steel and plastic
- Fit all power drills, both stationary and portable

R		mm	g
810001	6	14	20
810011	6	16	20
810021	6	17	30
810031	6	19	30
810041	6	20	30
810051	6	21	40
810061	6	22	40
810071	6	24	55
810081	6	25	55
810091	6	27	70
810101	6	29	70
810121	6	30	70
810131	6	32	70
810141	6	33	70
810151	6	35	70
810161	6	37	80
810171	6	38	80
810181	6	40	80
810191	6	41	80
810201	6	43	90
810211	6	44	100
810221	6	46	100
810231	6	48	100

SET

810061



- Bi-metal holesaw packed in a plastic box
- The holesaws works in most materials as wood, steel and plastic
- Fit all power drills, both stationary and portable

R		mm	g
810061	1	370x220x100	1.780
ZH70611			16, 20, 25, 32, 40, 51 mm
810661			14-30 mm
810671			32-152 mm
810691			84 mm

R		mm	g
810241	6	50	120
810251	6	51	120
810261	4	52	120
810271	4	54	140
810281	4	55	140
810291	4	56	140
810301	4	57	140
810311	4	59	140
810321	4	60	160
810331	4	62	160
810341	4	64	180
810351	4	65	180
810361	4	67	200
810371	4	68	220
810381	4	70	220
810391	4	73	220
810401	4	76	240
810411	4	79	260
810421	4	83	260
810431	4	86	260
810441	4	89	270
810451	4	92	270
810461	4	95	270
810471	4	98	300
810481	4	102	320
810491	4	105	320
810501	4	108	350
810511	4	111	350
810521	4	114	360
810531	6	121	410
810541	6	127	520
810551	6	133	560
810561	6	140	560
810571	6	146	570
810581	6	152	610

ARBORS



- Black finish
- Hexagon shank
- Drill included

R		mm	mm	mm	g
810651	1	14-30	6,4	8	70
810661	1	14-30	11,1	13	90
810671	1	32-152	8,5	10	250
810681	1	32-210	11,1	13	260

DRILL

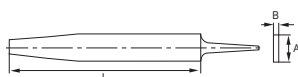


- Material HSS

R		A mm	B mm	g
810691	1	6,35	81	20

Files

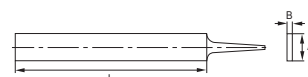
FLAT FILE



- Edges tapered towards the point, surface parallel
- Surface double cut, edges single cut

		A mm	B mm	C mm			
	BASTARD						
534521	6	150	16	4	13	33	90
534531	6	200	20	5	10	25	160
534541	6	250	25	5,5	9	23	250
534551	6	300	30	6	8	20	413
	SECOND CUT						
534251	6	150	16	4	18	46	50
534261	6	200	20	5	14	36	160

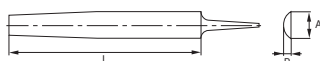
HAND FILE



- Edges and surfaces parallel
- Surface double cut, one edge uncut one edge single cut

		A mm	B mm	C mm			
	BASTARD						
534561	6	150	16	4	13	33	90
534571	6	200	20	5	10	25	160
	SECOND CUT						
534281	6	150	16	4	18	46	50
534291	6	200	20	5	14	36	160

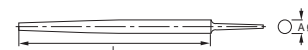
HALF ROUND FILE



- Edges and surfaces tapered towards the point
- Double cut

		A mm	B mm	C mm			
	BASTARD						
534681	6	150	16	4,7	13	33	100
534691	6	200	20,5	6	10	25	170
534701	6	250	26,5	7,5	9	23	344
	SECOND CUT						
534371	6	150	16	4,7	18	46	100
534381	6	200	20,5	6	14	36	170

ROUND FILE

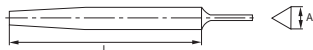


- Tapered towards the point
- Double cut

		A mm	B mm			
	BASTARD					
534601	6	150	6	13	33	74
534611	6	200	8	10	25	112
534621	6	280	10	9	23	183
	SECOND CUT					
534311	6	150	6	18	46	74
534321	6	200	8	14	36	112

Files

THREE SQUARE FILE



- Equilateral triangle, tapered towards the point
- Double cut surface

			A mm	B mm			
	BASTARD						
534901	6	150	11	13	33	94	
534911	6	200	15,5	10	25	203	
	SECOND CUT						
534341	6	150	11	18	46	94	
534351	6	200	15,5	14	36	203	

SQUARE FILE



- Surface tapered towards the point
- Double cut surface

			A mm	B mm			
	BASTARD						
534931	6	150	6	13	33	79	
534941	6	200	8	10	25	132	
	SECOND CUT						
534401	6	150	6	18	46	79	
534411	6	200	8	14	36	132	

FILE SET
534501

534501	1	44x37x3		1.150
534261			534351	
534291			534381	
534321			534411	



Paint scrapers

PAINT SCRAPERS

DIN 7216 UNE 16608



- Carbon steel ground blade: 1.5 mm thickness / 0.5 mm at the tip. Excellent flexibility
- Polished and varnished blade for longer life
- Metallic ring for perfect fixing between handle and blade
- Plastic handle with hanging hole

R		S mm	L mm	g
540021	12	20	220	50
540031	12	30	220	55
540041	12	40	220	60
540051	12	50	220	65
540061	12	60	220	70
540071	12	70	220	75
540081	12	80	220	80
540091	12	90	220	85
540101	12	100	220	90
540121	12	120	220	100

BODY WORK SCRAPER SET

536011



- Body work scrapers set, 4 pcs

R			g
536011	1	160x130	120

90x50 mm, 120x80 mm, 120x105 mm, 120x120 mm

Spirit levels



- Accuracy 1 mm / m
- High visibility, barrel shape acrylic vials
- Three vials: Horizontal, vertical, 45°
- Light aluminum material 1,5 kg/meter
- Strong profile design. Milled top and bottom measuring surfaces
- Hand holes (except 400 model)
- Long lasting epoxy painting

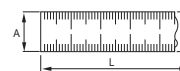
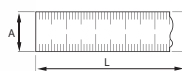
R		L mm	A mm	B mm	g
982-40-1	1	400	24	60	300
982-60-1	1	600	24	60	360
982-80-1	1	800	24	60	550



- Two magnets. Separating force 9 Newton

R		L mm	A mm	B mm	g
982-6M-1	1	600	24	60	370

Measuring tapes

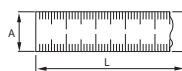


- According to CE Measuring Instruments Directive
- Class II accuracy
- ABS case with thermo rubber coating
- Locking system
- Wrist strap
- Metal belt clip
- High quality 50C steel blade
- 3 rivets on stopper
- Individual box that can be hung

Q		L mm	A mm	g
980-3-1	12	12	3	16
980-5-1	12	12	5	19

- According to CE Measuring Instruments Directive
- Class II accuracy
- ABS case with thermo rubber housing
- Locking system
- Wrist strap
- Metal belt clip
- High quality 50C steel blade
- 3 rivets on stopper
- Individual box that can be hung

Q		L mm	A mm	g
980-3B-1	12	3	19	160
980-5B-1	12	5	19	240



- According to CE Measuring Instruments Directive
- Class II accuracy
- ABS case with thermo rubber grip
- High quality 50C steel blade
- Stopper with ring and foldable jaw
- Belt clip
- Quick wind mechanism
- Individual box that can be hung

Q		L mm	A mm	g
980-20S-1	12	20	13	350



IRIMO

12. POWER TOOLS

3/8" Impact wrench

P704



150



1/2" Impact wrench

P800



600



P800K















P801

















745



P801K

			BAR	 inch	 mm	 mm	 Nm	 Nmm	 MAX	 mm	 mm	 mm	 mm	 mm	 kg
P704	1	3/8"	6,3	1,4" - 18	10	127	55 - 120	150	10.000	1.200	89,00	5,92	160	0,90	
P800	1	1/2"	6,3	1,4" - 18	10	99	100 - 570	600	7.500	1.300	90,00	2,57	192	2,40	
P801	1	1/2"	6,3	1,4" - 18	10	99	68 - 610	745	6.800	1.000	88,00	3,75	187	2,60	

		 OIL		 mm	 mm	 mm	 mm	 mm	 mm	 mm	 mm	 mm	 mm	 kg
P800K	1	✓	✓	4	75	9, 10, 11, 13, 14, 17, 19, 22, 24, 27							270x260x95	4,46
P801K	1	✓	✓	4	75	9, 10, 11, 13, 14, 17, 19, 22, 24, 27							270x260x95	4,66

1/2" Impact wrench

P815



825



3/4" Impact wrench

P817



3,95



- Using the most modern materials composite
- Light weight and low vibration

			BAR	inch	mm	mm	Nm	MAX Nm	rpm	rpm (min-1)	dB(A)	mm/s	mm	kg
P815	1	1/2"	6,3	1/4" - 18	10	130	320 - 620	825	7.000	1.150	84,00	5,00	192	1,95
P817	1	3/4"	6,3	3/8" - 18	10	190	340 - 950	1.800	4.500	970	88,00	4,30	245	3,95

3/4" Impact wrench

P808



1.626



- For prolonged use

1" Impact wrench

P802



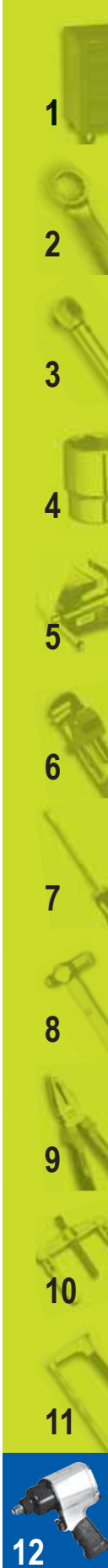
2.500



- Long anvil
- 6"-150 mm
- For trucks



			BAR	inch	mm	mm	Nm	MAX Nm	rpm	rpm (min-1)	dB(A)	mm/s	mm	kg
P808	1	3/4"	6,3	3/8" - 18	13	110	407 - 1.085	1.626	4.500	975	92,00	3,60	259	5,60
P802	1	1"	6,3	1/2" - 14	13	416	950 - 2.030	2.500	3.800	500	98,00	<2,50	550	14,40





Impact wrench set

P815K1



- Delivered in strong and durable blow moulded case
- Contains:
 - P815 impact wrench
 - Impact sockets: 10, 11, 12, 13, 14, 15, 17, 19, 21, 22, 24 mm
 - 1/4 male connector PM 5142

														
P815K1	1	1/2"	6,3	1,4" - 18	10	130	320 - 620	825	7.000	1.150	84,00	5,00	192	3,20

1/2" Ratchet

P821



5-68

1/4" Ratchet

P700



- Composite

Q	Box	Circle	BAR	inch	mm	mm	Nm	MAX Nm	rpm	mm	mm	kg
P821	1	1/2"	6,3	1/4" - 18	10	120	0 - 67	150	80,00	2,60	256	1,20
P700	1	1/4"	6,3	1/4" - 18	10	136	0 - 27	300	94,00	3,60	133	0,50

Blow gun

P218



R		BAR	kg
P218	1	6,3	0,15

Air line couplers



PM0189

PM5002
PM5003PM5012
PM5013PM5142
PM5143PM5152
PM5153

PM5248

R		inch	mm	g
PM0189	1	1,4"	For 9-10 mm hose	10
PM5002 PM5003	1	1/4" 3/8"	Male Male	70
PM5012 PM5013	1	1/4" 3/8"	Female Female	80
PM5142 PM5143	1	1/4" 3/8"	Male Male	20
PM5152 PM5153	1	1/4" 3/8"	Female Female	20
PM5248	1	—	For 8 mm hose	10

Spiral hoses- polyurethane quality

PH1010



R		mm	m	inch	kg
PH1010	1	10x13	10	1,4" - 1,4"	0,89

1/4" Quick Connector

PQCF14



- Works with 4 standard male connector profiles
- Security lock enabling the operator to turn on and off the air flow, providing a safer and more simplified operation
- Steel construction with composite coating, making it extremely durable

R		BAR	inch	kg
PQCF14	10	1.600	1,4"	0,100

1

2

3

4

5

6

7

8

9

10

11

12

Filter Regulator

P254



- When compressing atmospheric air, which always has a humidity rate, liquid water is generated in the pneumatic circuits. It is necessary to filter this water to protect the circuit and the air operated tools
- Use an air filter and regulator for the spray guns
- Technical data:

– Air connection	1/2"
– Bowl capacity	100 ml
– Gauge Ø	50 mm
– Pressure regulation range	0.5-10 bar
– Minimum tem.	+5°
– Maximum temp.	60°
– Nominal flow	3.200 NL/mn
– Filtering size	20 m

		
P254	1	1,04

Filter Regulator Lubricator

P255



- When compressing atmospheric air, which always has a humidity rate, liquid water is generated in the pneumatic circuits. It is necessary to filter this water to protect the circuit and the air operated tools
- For the rest of pneumatic tools used in repair or body shop, it is necessary an air filter, regulator and lubricator
- Technical data:

– Air connection	1/2"
– Bowl capacity	100 ml
– Gauge Ø	50 mm
– Pressure regulation range	0.5-10 bar
– Minimum tem.	+5°
– Maximum temp.	60°
– Nominal flow	3.200 NL/mn
– Filtering size	20 m

		
P255	1	1,42

In line lubricator

PN251



- Install either in the tool air input, or in the 1/4" hose thread

			
PN251	1	1,4"	0,10

Cordless lamps

POCKET LAMP



- High power LEDs
- Aluminium housing
- Flex plastic holder with magnet
- Adjustable light power
- Battery status indicator
- Mini-USB charger
- Li-ion battery

L12	1	30-150	X	X	X	2-3	2-3	103x61x22	105	

FLEX LED LAMP



- Std LED lamp
- ABS housing resistant to impact and range of garage fluids
- IP 65
- 180° flex handle
- Magnet on base
- Foldable back leg to use as a support or a hook
- 360° fully rotational foldable hook
- Wrist cord

						USB				
L21	1	X		X	X		4	2,5	204x64x30	230

SMD FLEX TORCH LAMP



- High power SMD LED torch lamp
- Torch and lamp function in one single unit
- 180° flex handle
- Strong magnet on base
- Double magnet at the back
- Double 360° fully rotational foldable hooks
- Wrist cord

						USB				
L31	1	170	50	X	X		4	4	249x53x43	280

CORDED LAMPS






- 11 W lamp
- 480 mm long
- 5 m cable
- Reduced consumption
- IP54 dust and water protection
- 8000 hour bulb duration
- Polycarbonate screen resistant against impact

						
ZL2216	1	230	11	5	480	700




Q		Q		Q	
001021	16	019101	22	029801	29
001031	16	019111	22	029811	29
001041	16	019121	22	029821	29
001051	16	019131	22	029831	29
001061	16	019141	22	029841	29
001071	16	019171	22	030241	26
001081	16	019191	22	030271	26
015011	24	019511	22	030301	26
015031	24	019521	22	030321	26
015051	24	019531	22	030341	26
015071	24	019541	22	030361	26
015091	24	019551	22	030381	26
015121	24	019561	22	030411	26
015131	24	019571	22	030461	26
015141	24	019581	22	030501	26
015161	24	019611	21	030551	26
015171	24	019621	21	030601	26
015181	24	019631	21	030651	26
015191	24	019641	21	030701	26
015201	24	019651	21	030751	26
015211	24	019661	21	030801	26
015221	24	019671	21	030811	26
015241	24	019681	21	030831	26
015251	24	020011	27	030851	26
015261	24	020031	27	030871	26
015271	24	020051	27	031301	26
015281	24	020071	27	031321	26
015291	24	020091	27	031361	26
015301	24	020121	27	031411	26
016111	24	020131	27	031461	26
016131	24	020141	27	031501	26
016141	24	020171	27	031551	26
016151	24	020181	27	031601	26
016171	24	020201	27	031651	26
016181	24	020211	27	031701	26
016421	24	020221	27	031751	26
016431	24	020241	27	031801	26
016441	24	020251	27	031851	26
018511	21	021121	27	032011	26
018521	21	021131	27	032021	26
018531	21	021141	27	032031	26
018541	21	021151	27	032041	26
018551	21	021161	27	032241	26
018561	21	021221	27	032271	26
018571	21	021251	27	032301	26
018581	21	023031	28	032321	26
018591	21	023061	28	032361	26
018601	21	023081	28	032381	26
018611	21	023121	28	032411	26
018621	21	023221	28	032461	26
018631	21	023261	28	032501	26
018641	21	023301	28	032551	26
018651	21	023331	28	032601	26
018661	21	023381	28	032651	26
018671	21	028021	28	032701	26
018681	21	028111	28	032751	26
018691	21	028161	28	032801	26
018701	21	029351	29	032851	26
018711	21	029361	29	032951	26
018721	21	029371	29	033071	28
018751	22	029381	29	033081	28
018771	22	029391	29	033091	28
018801	22	029751	29	033101	28
018841	22	029761	29	033111	28
018861	22	029771	29	033121	28
018951	22	029781	29	033131	28
019081	22	029791	29	033141	28




Q		Q		Q	
033151	28	045001	85	052121	23
033161	28	045011	85	052131	23
033171	28	045011	86	052141	23
033181	28	045021	85	052151	23
033191	28	045031	85	052161	23
033221	28	045041	85	052171	23
033241	28	045041	86	052181	23
033271	28	045051	85	052191	23
033301	28	045061	85	052201	23
033321	28	045071	85	052211	23
033341	28	045081	85	052221	23
033361	28	045091	85	052231	23
033381	28	045101	85	052241	23
033411	28	045121	85	052251	23
033461	28	045141	85	052261	23
033501	28	045171	85	052271	23
033551	28	045191	85	052281	23
033601	28	045191	86	052291	23
033651	28	045221	85	052301	23
033701	28	045541	86	052321	23
033751	28	045561	86	055011	25
033801	28	045581	86	055031	25
033811	28	045601	86	055051	25
033831	28	045611	86	055071	25
033851	28	045621	86	055091	25
033871	28	045641	86	055121	25
040001	84	045661	86	055141	25
040011	84	045681	86	055171	25
040011	84	045701	86	055181	25
040021	84	045731	86	055201	25
040031	84	045801	87	055211	25
040041	84	045811	87	055221	25
040041	84	045821	87	055241	25
040051	84	045831	87	055251	25
040061	84	045841	87	055301	25
040071	84	045851	87	055311	25
040081	84	045861	87	056111	25
040091	84	045871	87	056131	25
040101	84	045881	87	056141	25
040121	84	045891	87	056151	25
040141	84	045901	87	056171	25
040171	84	045921	87	056181	25
040191	84	045941	87	056231	25
040191	84	046011	85	056271	25
040221	84	046021	85	066101	127
040541	84	046031	85	070411	32
040561	84	046041	86	070421	32
040581	84	046051	86	070431	32
040601	84	046061	86	070441	32
040611	84	046091	85	070451	32
040621	84	046101	85	070461	32
040641	84	047001	87	070471	32
040661	84	047011	87	070481	32
040681	84	047021	87	10-0405-1	17
040701	84	047031	87	10-0607-1	17
040731	84	047041	87	10-0809-1	17
041011	84	047051	87	10-1011-1	17
041021	84	047061	87	10-1013-1	17
041031	84	047081	87	10-12-H	18
041041	84	047101	87	10-12-W	18
041051	84	047121	87	10-1213-1	17
041061	84	052061	23	10-1415-1	17
041071	84	052071	23	10-1617-1	17
041091	84	052081	23	10-1719-1	17
041101	84	052091	23	10-1819-1	17
041111	85	052101	23	10-2022-1	17
041121	85	052111	23	10-2123-1	17




Q		Q		Q	
10-2224-1	17	107-H6-1	37	121-17-1	43
10-2426-1	17	107-H8-1	37	121-18-1	43
10-2427-1	17	107-PH1-1	37	121-19-1	43
10-2528-1	17	107-PH2-1	37	121-20-1	43
10-2729-1	17	107-PH3-1	37	121-21-1	43
10-3032-1	17	107-PZ1-1	37	121-22-1	43
10-8-H	18	107-PZ2-1	37	121-23-1	43
101-04-1	36	107-PZ3-1	37	121-24-1	43
101-045-1	36	107-T08-1	37	121-25-1	43
101-05-1	36	107-T09-1	37	121-26-1	43
101-055-1	36	107-T10-1	37	121-27-1	43
101-06-1	36	107-T15-1	37	121-28-1	43
101-07-1	36	107-T20-1	37	121-30-1	43
101-08-1	36	107-T25-1	37	121-32-1	43
101-09-1	36	107-T27-1	37	122-08-1	43
101-10-1	36	107-T30-1	37	122-09-1	43
101-11-1	36	107-T40-1	37	122-10-1	43
101-12-1	36	109-35-4	39	122-11-1	43
101-13-1	36	112-06-1	40	122-12-1	43
101-14-1	36	112-07-1	40	122-13-1	43
101A-05-1	36	112-08-1	40	122-14-1	43
101A-06-1	36	112-09-1	40	122-15-1	43
101A-07-1	36	112-10-1	40	122-16-1	43
101A-08-1	36	112-11-1	40	122-17-1	43
101A-09-1	36	112-12-1	40	122-18-1	43
101A-10-1	36	112-13-1	40	122-19-1	43
101A-11-1	36	112-14-1	40	122-20-1	43
101A-12-1	36	112-15-1	40	122-21-1	43
101A-14-1	36	112-16-1	40	122-22-1	43
101A-16-1	36	112-17-1	40	122-23-1	43
101A-18-1	36	112-18-1	40	122-24-1	43
103-04-1	36	112-19-1	40	122-27-1	43
103-045-1	36	112-20-1	40	122-30-1	43
103-05-1	36	112-21-1	40	122-32-1	43
103-055-1	36	112-22-1	40	122A-12-1	43
103-06-1	36	113-07-1	40	122A-14-1	43
103-07-1	36	113-08-1	40	122A-16-1	43
103-08-1	36	113-09-1	40	122A-18-1	43
103-09-1	36	113-10-1	40	122A-20-1	43
103-10-1	36	113-11-1	40	122A-22-1	43
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103-13-1	36	113-14-1	40	122A-28-1	43
103-14-1	36	113-16-1	40	122A-30-1	43
105-22-1	38	113-17-1	40	122A-34-1	43
105-24-1	38	113-19-1	40	122A-38-1	43
105-26-1	38	115-20-1	41	122A-40-1	43
105-28-1	38	115-22-1	41	124-10-1	44
105-40-1	39	115-24-1	41	124-11-1	44
105-42-1	38	115-40-1	41	124-12-1	44
105-46-1	39	115-42-1	41	124-13-1	44
105-48-1	39	115-43-1	41	124-14-1	44
105-50-1	38	115-44-1	42	124-15-1	44
105-70-1	38	115-46-1	41	124-16-1	44
105501	38	115-48-1	42	124-17-1	44
106-04-1	36	115-70-1	40	124-18-1	44
106-05-1	36	115501	41	124-19-1	44
106-06-1	36	119-18-4	42	124-21-1	44
106-07-1	36	121-08-1	43	124-22-1	44
106-08-1	36	121-09-1	43	124-24-1	44
106-10-1	36	121-10-1	43	124-27-1	44
107-0840-1	37	121-11-1	43	124-30-1	44
107-1055-1	37	121-12-1	43	124-32-1	44
107-1280-1	37	121-13-1	43	125-22-1	46
107-H3-1	37	121-14-1	43	125-23-1	46
107-H4-1	37	121-15-1	43	125-25-1	46
107-H5-1	37	121-16-1	43	125-40-1	46

					
125-42-1	46	135-52-1	51	167261	54
125-43-1	46	135-70-1	50	167271	54
125-44-1	47	135-85-1	50	167271	54
125-46-1	47	139-17-4	51	167301	54
125-48-1	47	160071	52	167321	54
125-49-1	47	160081	52	167341	54
125-52-1	47	160091	52	167361	54
125-53-1	47	160101	52	167371	54
125-54-1	47	160111	52	167391	54
125-60-1	47	160121	52	167471	55
125-70-1	46	160131	52	167491	55
125501	46	160141	52	167511	55
126-10-1	44	160151	52	167521	55
126-11-1	44	160161	52	167541	55
126-12-1	44	160171	52	167661	54
126-14-1	44	160181	52	167681	54
126-16-1	44	160191	52	167701	54
126-18-1	44	160201	52	167711	54
126-20-1	44	160211	52	167731	54
126-24-1	44	160221	52	167751	54
129-101-4	49	160241	52	167771	54
129-23-4	48	161101	52	167791	54
129-58-4	48	161131	52	167801	54
131-19-1	50	161171	52	167821	54
131-22-1	50	162001	53	167841	54
131-23-1	50	162021	53	167861	54
131-24-1	50	162501	53	167901	54
131-25-1	50	162551	53	167911	54
131-26-1	50	162601	53	167931	55
131-27-1	50	162651	53	167951	55
131-28-1	50	162931	53	168101	55
131-29-1	50	162941	53	168111	55
131-30-1	50	163051	52	168121	55
131-32-1	50	163061	52	168131	55
131-33-1	50	163071	52	168141	55
131-34-1	50	163081	52	168161	55
131-35-1	50	163101	52	168171	55
131-36-1	50	163121	52	168181	55
131-38-1	50	163141	52	168191	55
131-40-1	50	163201	52	168211	55
131-41-1	50	166051	56	168221	55
131-42-1	50	166061	56	168231	55
131-46-1	50	166081	56	168241	55
131-50-1	50	166101	56	168271	55
131-55-1	50	166121	56	168301	55
131-60-1	50	166141	56	168901	55
132A-28-1	50	166171	56	169011	56
132A-30-1	50	166191	56	169021	56
132A-32-1	50	167081	54	169031	56
132A-34-1	50	167091	54	169101	54
132A-36-1	50	167101	54	169121	54
132A-40-1	50	167111	54	169141	54
132A-42-1	50	167121	54	169161	54
132A-44-1	50	167131	54	169181	54
132A-46-1	50	167141	54	169201	54
132A-48-1	50	167151	54	169241	54
132A-52-1	50	167161	54	169251	56
132A-54-1	50	167171	54	169291	54
132A-60-1	50	167181	54	169601	56
132A-64-1	50	167191	54	169651	56
135-21-1	50	167191	54	169921	56
135-22-1	50	167201	54	169931	56
135-24-1	50	167211	54	17-6-125	76
135-40-1	51	167221	54	170251	56
135-42-1	51	167231	54	170271	56
135-43-1	51	167241	54	170301	56
135-46-1	51	167251	54	170401	56




Q		Q		Q	
170451	56	176171	60	180-12X-1	45
170501	56	176191	60	180-14-1	45
170551	56	176221	60	180-17-1	45
170601	56	176271	60	183-20-1	45
172121	58	177011	59	183-25-1	45
172141	58	177021	59	183-27-1	45
172171	58	177031	59	183-30-1	45
172191	58	177051	59	183-40-1	45
172221	58	177071	59	183-40X-1	45
172241	58	177101	59	183-45-1	45
173011	57	177221	59	183-45X-1	45
173171	57	177241	59	183-50-1	45
173181	57	177271	59	183-50X-1	45
173191	57	177271	59	183-55-1	45
173191	57	177301	59	183-55X-1	45
173211	57	177321	59	183-60-1	45
173221	57	177331	59	185-05-1	45
173231	57	177341	59	185-06-1	45
173241	57	177361	59	185-06X-1	45
173271	57	177381	59	185-08-1	45
173271	57	177381	59	185-08X-1	45
173281	57	177411	59	185-10-1	45
173291	57	177421	59	185-10X-1	45
173301	57	177461	59	185-12-1	45
173321	57	177461	59	185-12X-1	45
173331	57	177501	59	185-14-1	45
173341	57	177551	59	185-16-1	45
173361	57	177601	59	190-10-135	76
173381	57	177651	59	190-6-135	76
173381	57	177701	59	190-7-135	76
173411	57	177751	59	190-8-135	76
173461	57	177801	59	191-10-175	82
173461	57	178221	59	191-12-175	82
173501	57	178241	59	191-13-175	82
173551	57	178271	59	191-6-150	82
173601	57	178301	59	191-7-175	82
173751	57	178321	59	191-8-175	82
173771	57	178331	59	201231	62
173791	57	178341	59	201241	62
173801	57	178361	59	201251	62
173821	57	178381	59	201261	62
173841	57	178411	59	201431	62
173861	57	178461	59	201451	62
173871	57	178501	59	201461	62
173881	57	178551	59	201471	62
173891	57	178601	59	202401	63
173911	57	179001	60	202411	63
173931	57	179011	60	202421	63
174171	57	179021	60	202421	63
174191	57	179521	60	202431	63
174211	57	179601	60	202441	63
174221	57	179651	60	202451	63
174241	57	179931	58	202461	63
174271	57	179931	60	202511	64
174301	57	179941	60	202521	64
174321	57	180-04-1	45	202541	64
174331	57	180-05-1	45	202561	64
174341	57	180-05X-1	45	202571	64
174361	57	180-06-1	45	202581	64
174411	57	180-06X-1	45	202661	64
175011	58	180-07-1	45	202671	64
175021	58	180-07X-1	45	202681	64
175101	58	180-08-1	45	202761	64
175251	58	180-08X-1	45	202771	64
175601	58	180-10-1	45	202781	64
175651	58	180-10X-1	45	202811	63
175911	58	180-12-1	45	202821	63




					
202831	63	256031	65	303241	69
202841	63	256041	65	303291	69
206721	63	256131	65	303301	69
206741	63	256141	65	303311	69
206761	63	256151	65	303321	69
206821	63	256161	65	303331	69
206831	63	256181	65	304101	68
206841	63	256201	65	304141	68
206851	63	256231	65	304181	68
207041	62	256241	65	304241	68
207051	62	256251	65	304361	68
207061	62	256261	65	304411	68
207071	62	256281	65	304431	68
216041	62	256301	65	304441	68
216051	62	256321	65	304451	68
216061	62	25A-08-1	19	304461	68
216071	62	25A-10-1	19	304511	68
217161	64	25A-12-1	19	304531	68
217261	64	25A-14-1	19	304541	68
217271	64	25A-16-1	19	304551	68
25-06-1	19	25A-18-1	19	304561	68
25-07-1	19	25A-20-1	19	304611	68
25-08-1	19	25A-22-1	19	304631	68
25-09-1	19	25A-24-1	19	304641	68
25-10-1	19	25A-26-1	19	304651	68
25-11-1	19	25A-28-1	19	304661	68
25-12-1	19	25A-30-1	19	307301	68
25-12-H	20	25A-32-1	19	307311	68
25-12-W	20	25A-34-1	19	307321	68
25-13-1	19	25A-36-1	19	307331	68
25-14-1	19	25A-40-1	19	307401	68
25-15-1	19	25A-44-1	19	307411	68
25-16-1	19	25A-46-1	19	307421	68
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25-28-1	19	302401	68	330021	71
25-29-1	19	302411	68	332511	71
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25-70-1	19	302551	68	333181	71
25-75-1	19	302561	68	333201	71
25-8-H	20	303081	69	333221	71
255011	65	303111	69	333241	71
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256001	65	303211	69	407-12-250	74
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407-4-75	74	417-8-125	76	46-9-H	86
407-5.5-100	74	417-9-125	76	46-T10-100	82
407-5.5-125	74	42-H10-200	82	46-T15-150	82
407-6.5-125	74	42-H2-100	82	46-T20-150	82
407-6.5-150	74	42-H2.5-100	82	46-T25-150	82
407-8-150	74	42-H3-100	82	46-T30-200	82
407-8-175	74	42-H4-150	82	46-T40-200	82
408-2.5-75	75	42-H5-150	82	461011	91
408-3-100	75	42-H6-200	82	461051	91
408-3-200	75	42-H8-200	82	461061	91
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409V-0-100	77	454401	90	470-T50-1	96
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409V-2-175	77	457071	88	470011	97
409V-3-200	77	457081	88	470051	97
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413-3-150	75	457201	88	474M-5.5-1	94
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413V-3-200	77	457401	88	475-1/4F-160	76
414-10-75	75	457451	88	475-32-1	95
414-15-100	75	457501	88	475-32-8DISP	95
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414-25-125	75	458031	88	475-4.5-1	92
414-27-125	75	458041	88	475-5.5-1	92
414-30-150	75	458061	88	475-50PH1-1	92
414-40-150	75	458071	88	475-50PH2-1	92
417-10-125	76	458101	89	475-50PH3-1	92
417-11-125	76	459-5-B	78	475-50PZ1-1	93
417-12-125	76	459-5A-B	78	475-50PZ2-1	93
417-13-125	76	459-6-B	78	475-50PZ3-1	93
417-14-125	76	459-6-C	78	475-6.0-1	92
417-3.2-125	76	459-6A-C	79	475-6.5-1	92
417-4-125	76	459-6B-C	79	475-61-1	95
417-4.5-125	76	459-6C-C	79	475-8.0-1	92
417-5-125	76	459V-6-B	81	475-H3-1	94
417-5.5-125	76	459V-6-C	81	475-H4-1	94
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475-PH2-1	92	506071	102	516081	104
475-PH2G-1	92	506081	102	517021	105
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475-T25-1	93	51-14-1	23	519911	104
475-T27-1	93	51-15-1	23	519921	105
475-T30-1	93	51-16-1	23	519931	106
475-T40-1	93	51-17-1	23	521011	107
475-T6-1	93	51-18-1	23	521021	107
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9020F550	13	T49H5	98	ZH70612	127
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9022-1-16SB	13	T49H6	98	ZH70614	127
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9022-2-16HB	13	T49H7	98	ZL2216	143
9022-2-19HB	13	T49H7L	98		
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"		mm.	"		mm.	"		mm.
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.	0.0197	0.5000	19/32"	0.5938	15.0813	.	2.0472	52.0000
.	0.0236	0.6000	39/64"	0.6094	15.4781	.	2.0866	53.0000
.	0.0276	0.7000	.	0.6102	15.5000	.	2.1260	54.0000
1/32"	0.0313	0.7938	5/8"	0.6250	15.8750	.	2.1654	55.0000
.	0.0315	0.8000	.	0.6299	16.0000	.	2.2047	56.0000
.	0.0354	0.9000	41/64"	0.6406	16.2719	.	2.2441	57.0000
.	0.0394	1.0000	.	0.6496	16.5000	2 1/4"	2.2500	57.1500
.	0.0433	1.1000	21/32"	0.6563	16.6688	.	2.2835	58.0000
3/64"	0.0469	1.1906	.	0.6693	17.0000	.	2.3228	59.0000
.	0.0472	1.2000	43/64"	0.6719	17.0656	.	2.3622	60.0000
.	0.0512	1.3000	11/16"	0.6875	17.4625	.	2.4016	61.0000
.	0.0551	1.4000	.	0.6890	17.5000	.	2.4409	62.0000
.	0.0591	1.5000	45/64"	0.7031	17.8594	.	2.4803	63.0000
1/16"	0.0625	1.5875	.	0.7087	18.0000	2 1/2"	2.5000	63.5000
.	0.0630	1.6000	23/32"	0.7188	18.2563	.	2.5197	64.0000
.	0.0669	1.7000	.	0.7283	18.5000	.	2.5591	65.0000
.	0.0709	1.8000	47/64"	0.7344	18.6531	.	2.5984	66.0000
.	0.0748	1.9000	.	0.7480	19.0000	.	2.6378	67.0000
5/64"	0.0781	1.9844	3/4"	0.7500	19.0500	.	2.6772	68.0000
.	0.0787	2.0000	49/64"	0.7656	19.4469	.	2.7165	69.0000
.	0.0827	2.1000	.	0.7677	19.5000	2 3/4"	2.7500	69.8500
.	0.0866	2.2000	25/32"	0.7813	19.8438	.	2.7559	70.0000
.	0.0906	2.3000	.	0.7874	20.0000	.	2.7953	71.0000
3/32"	0.0938	2.3813	51/64"	0.7969	20.2406	.	2.8346	72.0000
.	0.0945	2.4000	.	0.8071	20.5000	.	2.8740	73.0000
.	0.0984	2.5000	13/16"	0.8125	20.6375	.	2.9134	74.0000
7/64"	0.1094	2.7781	.	0.8268	21.0000	.	2.9528	75.0000
.	0.1181	3.0000	53/64"	0.8281	21.0344	.	2.9921	76.0000
1/8"	0.1250	3.1750	27/32"	0.8438	21.4313	3"	3.0000	76.2000
.	0.1378	3.5000	.	0.8465	21.5000	.	3.0315	77.0000
9/64"	0.1406	3.5719	55/64"	0.8594	21.8281	.	3.0709	78.0000
5/32"	0.1563	3.9688	.	0.8661	22.0000	.	3.1102	79.0000
.	0.1575	4.0000	7/8"	0.8750	22.2250	.	3.1496	80.0000
11/64"	0.1719	4.3656	.	0.8858	22.5000	.	3.1890	81.0000
.	0.1772	4.5000	57/64"	0.8906	22.6219	.	3.2283	82.0000
3/16"	0.1875	4.7625	.	0.9055	23.0000	.	3.2677	83.0000
.	0.1969	5.0000	29/32"	0.9063	23.0188	.	3.3071	84.0000
13/64"	0.2031	5.1594	59/64"	0.9219	23.4156	.	3.3465	85.0000
.	0.2165	5.5000	.	0.9252	23.5000	.	3.3858	86.0000
7/32"	0.2188	5.5563	15/16"	0.9375	23.8125	.	3.4252	87.0000
15/64"	0.2344	5.9531	.	0.9449	24.0000	.	3.4646	88.0000
.	0.2362	6.0000	61/64"	0.9531	24.2094	3 1/2"	3.5000	88.9000
1/4"	0.2500	6.3500	.	0.9646	24.5000	.	3.5039	89.0000
.	0.2559	6.5000	31/32"	0.9688	24.6063	.	3.5433	90.0000
17/64"	0.2656	6.7469	.	0.9843	25.0000	.	3.5827	91.0000
.	0.2756	7.0000	63/64"	0.9844	25.0031	.	3.6220	92.0000
9/32"	0.2813	7.1438	1"	1.0000	25.4000	.	3.6614	93.0000
.	0.2953	7.5000	.	1.0039	25.5000	.	3.7008	94.0000
19/64"	0.2969	7.5406	.	1.0236	26.0000	.	3.7402	95.0000
5/16"	0.3125	7.9375	.	1.0433	26.5000	.	3.7795	96.0000
.	0.3150	8.0000	.	1.0630	27.0000	.	3.8189	97.0000
21/64"	0.3281	8.3344	.	1.0827	27.5000	.	3.8583	98.0000
.	0.3346	8.5000	.	1.1024	28.0000	.	3.8976	99.0000
11/32"	0.3438	8.7313	.	1.1220	28.5000	.	3.9370	100.0000
.	0.3543	9.0000	.	1.1417	29.0000	4"	4.0000	101.6000
23/64"	0.3594	9.1281	.	1.1614	29.5000	.	4.3307	110.0000
.	0.3740	9.5000	.	1.1811	30.0000	4 1/2"	4.5000	114.3000
3/8"	0.3750	9.5250	.	1.2205	31.0000	.	4.7244	120.0000
25/64"	0.3906	9.9219	1 1/4"	1.2500	31.7500	5"	5.0000	127.0000
.	0.3937	10.0000	.	1.2598	32.0000	.	5.1181	130.0000
13/32"	0.4063	10.3188	.	1.2992	33.0000	.	5.5118	140.0000
.	0.4134	10.5000	.	1.3386	34.0000	.	5.9055	150.0000
27/64"	0.4219	10.7156	.	1.3780	35.0000	6"	6.0000	152.4000
.	0.4331	11.0000	.	1.4173	36.0000	.	6.2992	160.0000
7/16"	0.4375	11.1125	.	1.4567	37.0000	.	6.6929	170.0000
.	0.4528	11.5000	.	1.4961	38.0000	.	7.0866	180.0000
29/64"	0.4531	11.5094	1 1/2"	1.5000	38.1000	.	7.4803	190.0000
15/32"	0.4688	11.9063	.	1.5354	39.0000	.	7.8740	200.0000
.	0.4724	12.0000	.	1.5748	40.0000	8"	8.0000	203.2000
31/64"	0.4844	12.3031	.	1.6142	41.0000	.	9.8425	250.0000
.	0.4921	12.5000	.	1.6535	42.0000	10"	10.0000	254.0000
1/2"	0.5000	12.7000	.	1.6929	43.0000	20"	20.0000	508.0000
.	0.5118	13.0000	.	1.7323	44.0000	30"	30.0000	762.0000
33/64"	0.5156	13.0969	1 3/4"	1.7500	44.4500	40"	40.0000	1016.0000
17/32"	0.5313	13.4938	.	1.7717	45.0000	60"	60.0000	1524.0000
.	0.5315	13.5000	.	1.8110	46.0000	80"	80.0000	2032.0000
35/64"	0.5469	13.8906	.	1.8504	47.0000	100"	100.0000	2540.0000

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Warranty

1. Where permitted by law, all hand tools in the catalogue are offered with a lifetime warranty - a warranty against material and manufacturing defects for the normal lifetime of the tool in question. 'Lifetime' is defined as the period of time a tool can be expected to last under normal use and conditions.

2. SNA Europe's range of power tools, pneumatic tools and measuring tools are excluded from point 1 and each has a separate warranty card supplied with the product covering the specific warranty conditions. Products are designed and manufactured for professional use. Generally the warranty period is one year (12 months) for professional use and two years (24 months) for private use. The warranty period starts on the purchase date. This date may be verified with the invoice or any other document of equivalent legal validity.

3. Defective products will be repaired, replaced or substituted. SNA Europe does not cover transit costs for repaired, replaced or substituted products.

4. Any product that has been incorrectly used and/or maintained or that is worn from improper use or that has suffered unauthorized modifications is not covered by this warranty.

5. A warranty claim must be submitted within the warranty period. This requires the submission or shipment of the complete tool in question with verification of sale documentation, which must validate the purchase date and the product designation, to the retailer or distributor.

6. Replacement or repair of the product will be carried out as quickly as possible. At the reception of the replaced or repaired product the customer is asked to validate conformity. Replacements and repairs provided under the warranty do not lengthen or renew the warranty period for the tool.

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