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BAHCO®



Carpentry

TOGETHER
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2019





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HANDBSAWS

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Wide range of handsaws

Coarse, Fine, Medium and Special cut



COARSE CUT Superior

2700-22-XT7-HP



2700-24-XT7-HP



FINE CUT Superior

3090-20-XT11-HP



2600-16-XT11-HP



3180-14-XT11-HP



3240-14-XT11-HP



MEDIUM CUT Superior / PrizeCut

2700-19-XT-HP



2600-22-XT-HP

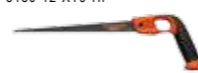


SPECIAL CUT Superior

SUP-20-LAM



3150-12-XT9-HP



Handsaw System

The best ERGO™ handsaw handle ever!

Features & Benefits

Patented Locking



Open Lever



1



2



Pre-Lock



3



Click

Comfort and Stability



Available for left or righthanded users



EX-RL
Righthanded Large



EX-RM
Righthanded Medium



EX-LL
Lefthanded Large



HANDSAWS WITH INTERCHANGEABLE BLADES

EX- ergo

BHS HANDLE: L=LARGE



- Handsaw handle developed according to the scientific ERGO™ process
- Asymmetrical handle in different sizes for right handed as well as left handed users
- The asymmetrical shape and the extended support wing spreads the pressure on the hand to the entire palm (conventional handles tend to concentrate the pressure to a line in the centre of the hand)
- For right handed, large and medium sizes are available, and for left handed large size is available
- The handles can be used with all EX-saw blades
- Quick and easy saw blade change using the patented click system

EX-LL	4	60	330	120	450
EX-RM	4	60	330	120	450
EX-RL	4	60	330	120	450

EX-XT9

SAW BLADE SUPERIOR MEDIUM

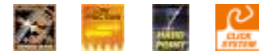


- Saw blade for medium to thick materials
- Unique XT-toothing, hardpoint teeth for long lasting sharpness
- Thicker blade for high precision and straight cutting with exceptionally good stability and comfort
- Low friction rust protective coating
- To be used together with the Bahco Handsaw System handles, EX-RL, EX-RM or EX-LL. Quick and easy attachment of the blade to the handle using the patented click system

EX-19-XT9-C	10	475	19	9/10	325
EX-22-XT9-C	10	550	22	9/10	380

EX-XT7

SAW BLADE SUPERIOR COARSE



- Saw blade for coarse and thick materials
- Unique XT-toothing, hardpoint teeth for long lasting sharpness
- Thicker blade for high precision and straight cutting with exceptionally good stability and comfort
- Low friction rust protective coating
- To be used together with the Bahco Handsaw System handles, EX-RL, EX-RM or EX-LL
- Quick and easy attachment of the blade to the handle using the patented click system

EX-22-XT7-C	10	550	22	7/8	375
EX-24-XT7-C	10	600	24	7/8	410

EX-20-XT11-C

SAW BLADE SUPERIOR FINE



- Saw blade for medium to fine materials
- Unique XT-toothing, hardpoint teeth for long lasting sharpness
- Thicker blade for high precision and straight cutting with exceptionally good stability and comfort
- Low friction rust protective coating
- To be used together with the Bahco Handsaw System handles, EX-RL, EX-RM or EX-LL. Quick and easy attachment of the blade to the handle using the patented click system

EX-20-XT11-C	10	500	20	11/12	360

HANDSAWS WITH INTERCHANGEABLE BLADES

EX-20-LAM-C

SAW BLADE SUPERIOR LAMINATOR



- Saw blade for cutting laminate and wooden floors
- Unique XT-toothing, hardpoint teeth for long lasting sharpness
- Thicker blade for high precision and straight cutting with exceptionally good stability and comfort
- Low friction rust protective coating
- To be used together with the Bahco Handsaw System handles, EX-RL, EX-RM or EX-LL. Quick and easy attachment of the blade to the handle using the patented click system

EX-20-LAM-C	10	500	20	11/12	365

EX-16-GNP-C

SAW BLADE SUPERIOR GENERAL PURPOSE



- Saw blade for cutting plastics, laminates, wood & soft metals like aluminium
- Fleam toothing, hardpoint teeth for long lasting sharpness
- Thicker blade for high precision and straight cutting with exceptionally good stability and comfort
- Low friction rust protective coating
- Toolbox sized for easy storage
- To be used together with the Bahco Handsaw System handles, EX-RL, EX-RM or EX-LL. Quick and easy attachment of the blade to the handle using the patented click system

EX-16-GNP-C	10	400	16	15/16	214

EX-22-PLS-C

SAW BLADE SUPERIOR PLASTER

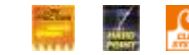


- Saw blade for cutting plaster and boards of wood based material
- Specially developed toothing with super sharp GT-toothing for the first 100 mm (at the tip), followed by groups of four teeth with extra large gullet between groups for greater efficiency and minimised clogging
- Thicker blade for high precision and straight cutting with exceptionally good stability and comfort
- Low friction rust protective coating
- To be used together with the Bahco Handsaw System handles, EX-RL, EX-RM or EX-LL. Quick and easy attachment of the blade to the handle using the patented click system

EX-22-PLS-C	10	550	22	7/8	400

EX-14-VEN-C

SAW BLADE SUPERIOR VENEER



- Saw blade for cutting fine to medium thick materials such as plywood, laminates & plastics
- Unique XT-toothing, hardpoint teeth for long lasting sharpness
- Curved, toothed nose for starting cuts in the middle of the surface of the workpiece
- Thicker blade for high precision and straight cutting with exceptionally good stability and comfort
- Low friction rust protective coating
- To be used together with the Bahco Handsaw System handles, EX-RL, EX-RM or EX-LL. Quick and easy attachment of the blade to the handle using the patented click system

EX-14-VEN-C	10	350	14	11/12	245



HANDSAWS WITH INTERCHANGEABLE BLADES

EX-NPP-22

PRIZECUT+ BHS BLADE



- Saw blade for cutting medium to thick materials
- Universal toothing, hardpoint teeth for long lasting sharpness
- Thicker blade for high precision and straight cutting with exceptionally good stability and comfort
- To be used together with the Bahco Handsaw System handles, EX-RL, EX-RM or EX-LL. Quick and easy attachment of the blade to the handle using the patented click system

EX-NPP-22	10	550	22	7/8	380

EX-22-U7

PRIZECUT BHS BLADE



- Saw blade for cutting all types of wood
- Universal toothing, hardpoint teeth for long lasting sharpness
- To be used together with the Bahco Handsaw System handles, EX-RL, EX-RM or EX-LL. Quick and easy attachment of the blade to the handle using the patented click system

EX-22-U7	10	550	7/8	

HANDSAWS SUPERIOR

2600

SUPERIOR HANDSAW



- Handsaw developed according to the scientific ERGO™ process
- Ergonomic and well balanced product, designed to fit perfectly in the hand with superior handling and comfort when sawing
- Handsaw for cutting medium thick wood materials, with improved cutting range from fine to coarse
- Unique NXT toothing cuts smoother and straighter still with same cutting speed and long lasting hard point teeth
- Thicker blade for increased stability and precision
- Low-friction, rust-protective coating
- Screwed 3-component handle can be used for approximate 45° and 90° marking guide

2600-16-XT11-HP	4	400	16	11/12
2600-19-XT-HP	4	475	19	9/10
2600-22-XT-HP	4	550	22	9/10

2700

SUPERIOR HANDSAW



- Handsaw developed according to the scientific ERGO™ process
- Ergonomic and well balanced product, designed to fit perfectly in the hand with superior handling and comfort when sawing
- DHandsaw for cutting coarse or thick wood materials, improved in cut medium range as well
- Unique NXT toothing cuts smoother and straighter still with same cutting speed and long lasting hard point teeth
- Thicker blade for increased stability and precision
- Low-friction, rust-protective coating
- Screwed 3-component handle can be used for approximate 45° and 90° marking guide

2700-22-XT7-HP	4	550	22	7/8
2700-24-XT7-HP	4	600	24	7/8

HANDSAWS SUPERIOR

3090-20-XT11-HP

SUPERIOR HANDSAW +FOR FINE AND MEDIUM THICK MATERIAL



- Handsaw developed according to the scientific ERGO™ process
- Ergonomic and well balanced product, designed to fit perfectly in the hand with superior handling and comfort when sawing
- Handsaw for cutting fine & medium thick wood materials, laminate floors & plastic tubes
- Unique XT-toothing and hardpoint teeth for long lasting sharpness
- Thicker blade for increased stability and precision
- Low-friction, rust-protective coating
- Screwed 3-component handle can be used for approximate 45° and 90° marking guide

3090-20-XT11-HP	4	500	20	11/12

3240-14-XT11-HP

SUPERIOR VENEER HANDSAW



- Handsaw developed according to the scientific ERGO™ process
- Ergonomic and well balanced product, designed to fit perfectly in the hand with superior handling and comfort when sawing
- Handsaw for cutting fine & medium thick materials such as plywood, laminates & plastics
- Unique XT-toothing and hardpoint teeth for long lasting sharpness
- Thicker blade for increased stability and precision
- Low-friction, rust-protective coating
- Screwed 3-component handle can be used for approximate 45° and 90° marking guide

3240-14-XT11-HP	4	350	14	11/12

3150-12-XT9-HP

SUPERIOR COMPAS SAW



3180-14-XT11-HP

SUPERIOR TENON SAW



- Handsaw developed according to the scientific ERGO™ process
- Ergonomic and well balanced product, designed to fit perfectly in the hand with superior handling and comfort when sawing
- Handsaw for cutting fine to medium thick wood materials
- Unique XT-toothing and hardpoint teeth for long lasting sharpness
- Thicker blade for increased stability and precision
- Low-friction, rust-protective coating
- Screwed 3-component handle can be used for approximate 45° and 90° marking guide

3180-14-XT11-HP	4	350	14	11/12

SUP-20-LAM

SUPERIOR LAMINATOR



- Handsaw developed according to the scientific ERGO™ process
- Ergonomic and well balanced product, designed to fit perfectly in the hand with superior handling and comfort when sawing
- Handsaw for cutting laminate & wooden flooring
- Unique XT-toothing and hardpoint teeth for long lasting sharpness
- Thicker blade for increased stability and precision
- Low-friction, rust-protective coating
- Screwed 3-component handle can be used for approximate 45° and 90° marking guide

SUP-20-LAM	4	500	20	11/12

- Handsaw for cutting wood & plastic materials such as plywood, laminates & plastics
- Unique XT-toothing and hardpoint teeth for long lasting sharpness
- Thicker blade for increased stability and precision
- Low-friction, rust-protective coating
- Screwed 2-component handle

3150-12-XT9-HP	-	300	12	9/10



PC-LAM
LAMINATOR



- Handsaw for cutting laminate & wooden flooring
- Three sided ground, super sharp GT-toothing, hardpoint teeth for long lasting sharpness
- Screwed 2-component handle can be used for approximate 45° and 90° marking guide

PC-20-LAM	4	500	20	11/12	480

PC-GT9
HANDSAW - HARDPOINT



- Saw blade for cutting fine to medium thick materials
- Three sided ground, super sharp GT-toothing, hardpoint teeth for long lasting sharpness
- Screwed 2-component handle can be used for approximate 45° and 90° marking guide

PC-19-GT9	4	475	19	9/10	370
PC-22-GT9	4	550	22	9/10	420

PC-PLS
PLASTER SAW



- Handsaw for cutting plaster and boards of wood based material
- Specially developed toothing with new super sharp GT-toothing for the first 100 mm (at the tip), followed by groups of four teeth with extra large gullet between groups for greater efficiency and minimised clogging
- Screwed, 2-component handle

PC-24-PLS	4	600	24	7/8	550

PC-GT7
HANDSAW - HARDPOINT



- Saw blade for cutting medium thick materials
- Three sided ground, super sharp GT-toothing, hardpoint teeth for long lasting sharpness
- Handle with a perfect rubberized grip and good sawing support
- Screwed 2-component handle can be used for approximate 45° and 90° marking guide

PC-19-GT7	4	475	7/8	
PC-22-GT7	4	550	7/8	

255-34
HANDSAW FOR POROUS CONCRETE AND LEKA BLOCKS



- Handsaw for cutting porous concrete, LEKAblocks, and insulation boards
- 620 mm rigid, extra long steel blade
- Carbide widia tips guarantee long-lasting performance
- Handle with a perfect rubberized grip and good sawing support
- Screwed, 2-component plastic handle

255-34	2	620	1,3

PC-12-VEN
PRIZECUT+ BHS BLADE



- Saw blade for fine and medium thick materials, such as plywood, laminates and plastics.
- Universal toothing, hardpoint teeth for long lasting sharpness.
- Curved, toothed nose for starting cuts in the middle of the surface of the workpiece.
- Handle with a perfect rubberized grip and good sawing support.
- Screwed 2-component handle can be used for approximate 45° and 90° marking guide.

PC-12-VEN	4	300	11/12

255-17/34
SAW BLADE SUPERIOR VENEER



- Handsaw for cutting porous concrete, LEKAblocks, and insulation boards
- 620 mm rigid, extra long steel blade
- Carbide widia tips guarantee long-lasting performance
- Economical version available with tips on every second tooth
- Screwed, 2-component plastic handle

255-17/34	2	620	24,5	0,6	995

PC-12-TEN
TENON SAW - HARDPOINT



- Saw blade for cutting medium thick materials, specially adapted for cutting of small-diameter timber and mitre guide sawing
- Heavy steel back for rigidity and accurate cutting
- Universal toothing, hardpoint teeth for long lasting sharpness
- Handle with a perfect rubberized grip and good sawing support
- Screwed 2-component handle

PC-12-TEN	4	300	11/12



HANDSAWS PROFCUT™

PC-12-COM

COMPASS SAW - HARDPOINT



- Saw blade for all kinds of wood & plastic material
- Unique XT-toothing, hardpoint teeth for long lasting sharpness
- Screwed 2-component handle

PC-19-GT9	4	475	19	9/10	370	
PC-22-GT9	4	550	22	9/10	420	

EX-14-TEN-C

HANDSAW FOR CUTTING POROUS CONCRETE&LEKA BLOCKS



- Handsaw for cutting porous concrete, LEKA blocks, and insulation boards
- 620 mm rigid, extra long steel blade
- Carbide wide tips guarantee long-lasting performance
- Handle with a perfect rubberized grip and good sawing support
- Screwed, 2-component plastic handle

EX-14-TEN-C	10	350	14 1/2 in	11/12	430	

PC-DECO

POLYSTYRENE FOAM SAW



- Handsaw for cutting polystyrene foam, often used for isolation and stucco
- Specially developed toothing with very fine ground teeth and gullets designed to combine excellent finish with minimized clogging
- Screwed 2-component handle can be used for approximate 45° and 90° marking guide

PC-16-DECO	4	400	16	18/19	300	

PC-22-INS

INSULATOR SAW



- Specially developed for cutting insulation material
- Mineral wool
- EPS - Expanded Polystyrene, cellular plastic up to 75 mm
- XPS - Extruded Polystyrene, for example Styrofoam up to 75 mm
- The hand saw has a wave formed sharpened edge (WT toothing) that allows it to slice through the material creating minimal waste
- Should be stored in sleeve for rust protection

PC-22-INS	4	550	22	WT	420	

HANDSAWS PROFCUT™

PC-22-PLC

HANDSAW FOR CUTTING ALL TYPE OF PLASTIC MATERIALS



- Handsaw for cutting all type of plastic materials
- Three sided ground, super sharp GT-toothing, hardpoint teeth for long lasting sharpness
- Screwed 2-component handle can be used for approximate 45° and 90° marking guide

PC-22-PLC	4	550	22	11/12	420	

300

GENERAL PURPOSE SAW



- General purpose saw with fine teeth for smooth sawing in a wide variety of materials, including aluminium, plastics, laminates, wood and chipboard
- Fleam-toothing
- Toolbox size
- Screwed 1-piece plastic handle

300-14-F15/16-HP	4	350	14	15/16	225	

NP

HANDSAW - HARDPOINT



- Handsaw for cutting all types of wood
- Universal toothing with hardpoint teeth for long lasting sharpness
- Screwed 1-piece plastic handle

NP-16-U7/8-HP	4	400	16	7/8	310	
NP-19-U7/8-HP	10	475	19	7/8	370	
NP-22-U7/8-HP	10	550	22	7/8	420	



HANDSAWS BOW SAWS

10 ergo® BOW SAW FOR GREEN AND DRY WOOD



- Bowsaw frame developed according to the scientific ERGO™ process
- ERGO™ handle with knuckle protector gives ergonomic comfort and safety
- Heavy duty bowsaw
- Made from high-quality steel and protected from rust and corrosion by a coating of high-impact enamel paint
- Design for demanding applications and tough environments as construction sites
- Lightweight tubing, 24" - 750 g, for easy handling
- Innovative tensioning mechanism for high blade tension (up to 120 kp) and straight cutting
- Better and stronger blade fitting for easy and safe blade change

10-21-51	5	530	21	51	680	
10-24-23	5	604	24	23	743	
10-24-51	5	604	24	51	743	
10-30-23	5	760	30	23	865	
10-30-51	5	760	30	51	865	

332 ergo® BOWSAW



- Bowsaw frame developed according to the scientific ERGO™ process
- Lightweight, heavy-duty saw with high blade tension for straight cutting
- Pointed nose for better access in tight areas, such as roofing and gardening
- Made from high-quality steel and protected from rust and corrosion by a coating of high-impact enamel paint
- Innovative easy-to-use mechanism allows for maximum tension and safe handling
- Integrated knuckle protector for protection of the hand

332-21-51	5	530	21	51	663	

HANDSAWS LOOSE BLADES

51 SPAREBLADE BOW SAWS - DRY WOOD



- For cutting dry, seasoned wood, as well as for cross-cutting fresh, green wood
- Peg toothing
- Hardened and tempered high-quality steel
- Tooth points high-frequency, heat-induction hardened for long-lasting performance
- Rust-prevention treated and packed in individual sleeve printed with graphically illustrated text for correct blade selection

51-12		320 mm	30 g
51-21		530 mm	50 g
51-24		607 mm	65 g
51-30		759 mm	80 g
51-32		810 mm	90 g
51-36		912 mm	100 g

23 SPAREBLADES BOW SAWS - GREEN WOOD



- Easier cutting in green wood from the Raker toothing
- Longer lasting performance with the high frequency, induction hardened points
- Rust prevention treated
- Hardened and tempered high quality steel
- Tooth points high-frequency, heat-induction hardened for long-lasting performance
- Rust-prevention treated and packed in individual sleeve printed with graphically illustrated text for correct blade selection

23-15		380 mm	33 g
23-21		530 mm	45 g
23-24		607 mm	60 g
23-30		759 mm	75 g
23-32		810 mm	85 g
23-36		912 mm	95 g





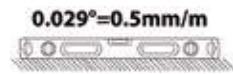
SPIRIT LEVELS

LEVELS _____14

LEVELS

466

SPIRIT LEVEL



- Box section anodized finish aluminium level
- Shock absorbing end caps
- Permanent precision +/- 0.5 mm per metre
- Machined surfaces and "V" groove base
- Thick shaped profile
- Large vials for ease of view
- Laser marked measuring scale (for indication purposes only)
- Magnetic versions are available in 400 mm, 600 mm, 800 mm, 1000 mm and 1200 mm (-M)

466-400	4	400	1	1		520
466-400-M	4	400	1	1		545
466-600	4	600	1	2		715
466-600-M	4	600	1	2		765
466-800	4	800	1	2		875
466-800-M	4	800	1	2		930
466-1000	4	1000	1	2		1075
466-1000-M	4	1000	1	2		1100
466-1200	4	1200	1	2		1290
466-1200-M	4	1200	1	2		1320
466-1800	4	1800	1	2		1660
466-2000	4	2000	1	2		1870

466-SET-1

SPIRIT LEVEL SET OF 3 PIECES



- Spirit level set of 3 pieces
- 600 mm, 1200 mm, 1800 mm
- components: 416-600 416-1200 416-1800

416-SET-1	5		1936

416

SPIRIT LEVEL

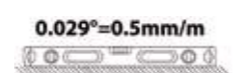


- Aluminium profile 50 x 21 mm
- Light profile of aluminium 520 grs/m
- 1.4 mm wall thickness aluminium profile
- Radius of the vial is 200 mm, sensitivity 10 mm/m.
- 0.5 mm/m precision in normal position
- 0.75 mm/m in inverted position
- High visibility barrel type
- Unbreakable vials Liquid is resistant to UV light and extreme temperatures
- 2 lines in each side of flat vial for easier use

416-400	10	400	1	1		235
416-600	10	600	1	1		335
416-800	10	800	1	1		440
416-1000	10	1000	1	1		545
416-1200	10	1200	1	2		645
416-1500	10	1500	1	2		805
416-1800	10	1800	1	2		955
416-2000	10	2000	1	2		1055

416-SET-2

SPIRIT LEVEL



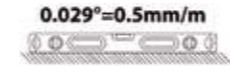
- Spirit level set of 3 pieces
- 600 mm, 1200 mm, 2000 mm
- components: 416-600 416-1200 416-2000

416-SET-2	5		2036

LEVELS

406P

POLYSTYRENE PLASTIC SPIRIT LEVEL



- Tolerance in normal position is ±1.0 mm/m
- Radius of the vial is 200 mm, sensitivity 10 mm/m
- 1.0 mm/m precision in normal position. 1.0 mm/m in inverted position
- High visibility barrel type
- Unbreakable vials
- Liquid is resistant to UV light and extreme temperatures
- 2 lines in each side of flat vial for easier use

406P-400	10	400		235
406P-600	10	600		335

406T-225

MAGNETIC PLASTIC TORPEDO LEVEL



- Tolerance in normal position is ±1.0 mm/m
- Radius of the vial is 150 mm, sensitivity 13 mm/m.
- 1.0 mm / m precision in normal position. 1.0 mm/m in inverted position
- High visibility barrel type
- Unbreakable vials
- Liquid is resistant to UV light and extreme temperatures
- Magnet holds 5 times it's own weight

406T-225	10	228		100

426TOR9

TORPEDO LEVEL

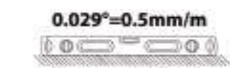


- Solid aircraft grade aluminium
- 3 vials, plumb, horizontal and 45°
- V Groove base for use on pipes
- Rare earth magnets on base
- Accurate to 0.5 mm/m

426TOR9	10	230	1	2		200

466-250

SCAFFOLD LEVEL



- Solid anodized aluminium scaffold level
- 250 mm long with 45° and 30° angles preset for quick angle setting
- High precision +/- 0.5 mm per metre accuracy
- Rare earth magnetic base and machined surfaces
- Open frame design, that makes handling easier

466-250	10	250	1	1		280



LEVELS

476-250

SCAFFOLD LEVEL

0.029°=0.5mm/m




- Aluminium scaffold level
- 250 mm long with 45° and 30° angles preset for quick angle setting
- High precision +/- 0.5 mm per metre accuracy
- Rotating plumb vial for any angle setting
- Rare earth magnetic base and machined surfaces
- Open frame design, that makes handling easier

Icon 1	Icon 2	Icon 3	Icon 4	Icon 5	Icon 6
476-250	250	1	1	235	10

486

STRAIGHT EDGE LEVEL

0.057°=1.0mm/m




- Strong aluminium profile measuring 100 mm x 18 mm with 2 internal windows for higher resistance
- Profile weight 980 g/m
- 1.3 mm wall thickness aluminium profile
- Radius of the vial is 200 mm, sensitivity 10 mm/m.
- High visibility barrel type
- Unbreakable vials
- Liquid is resistant to UV light and extreme temperatures

Icon 1	Icon 2	Icon 3	Icon 4
486-1800	5	1800	1510
486-2000	5	2000	1730
486-2400	5	2400	2010

496

DOUBLE T PROFILE LEVEL

0.029°=0.5mm/m




- Strong and highly resistant
- 100 mm x 25 mm double T-profile with 3 mm thickness
- weight of profile is 1240 grs/m
- The radius of the vial is 2000 mm, giving a sensitivity of 1 mm/m.
- 0.5 mm/m precision in normal position
- High visibility barrel type
- Unbreakable vials
- Liquid is resistant to UV light and extreme temperatures
- 4 lines in each side of flat vial. Thick one is zero point. Each lines gives 1 mm/m extra for making slopes
- Spare vial is part number 496-SPARE

Icon 1	Icon 2	Icon 3	Icon 4
496-1500	5	1500	1860
496-1800	5	1800	2160

486WH

STRAIGHT EDGE LEVEL - NO HANDLES

0.057°=1.0mm/m




- Strong aluminium profile measuring 100 mm x 18 mm with 2 internal windows for higher resistance
- Profile weight 980 g/m
- 1.3 mm wall thickness aluminium profile
- Radius of the vial is 200 mm, sensitivity 10 mm/m.
- High visibility barrel type
- Unbreakable vials
- Liquid is resistant to UV light and extreme temperatures

Icon 1	Icon 2	Icon 3	Icon 4
486-1800WH	5	1800	1510
486-2000WH	5	2000	1730
486-2400WH	5	2400	2010

CHALK LINES

CHALK LINE AND CHALK _____ 14



CHALK LINES

CL-1441 30M CHALK LINE 5X REWIND



- Chalk line with 30m, high resistance and high absorption line
- 5 times rewind speed
- Push system for quick pulling of the rope without the turning of the handle
- Hook with easy clamping, fully integrated in the body
- High capacity of chalk
- Line exit protected with steel ring
- Belt clip
- Can be used as plumb bob

Icon	Icon	Icon	Icon
CL-1441	36	185	233

CL-1331 CHALK LINE 1X REWIND



- Push system for quick pulling of the rope without the turning of the handle
- Hook with easy clamping, fully integrated in the body
- High capacity of chalk
- Line exit protected with steel ring
- Belt clip
- Can be used as plumb bob

Icon	Icon	Icon	Icon
CL-1331	48	185	180

CL-1441 SET 30M CHALK LINE 5X REWIND



- Chalk line with 30m, high resistance and high absorption line
- 5 times rewind speed
- Push system for quick pulling of the rope without the turning of the handle
- Hook with easy clamping, fully integrated in the body
- High capacity of chalk
- Line exit protected with steel ring
- Belt clip
- Can be used as plumb bob

Icon	Icon	Icon	Icon
CL-1441-SET	36	185	233

CL-1331 SET CHALK LINE 1X REWIND



- Push system for quick pulling of the rope without the turning of the handle
- Hook with easy clamping, fully integrated in the body
- High capacity of chalk
- Line exit protected with steel ring
- Belt clip
- Can be used as plumb bob

Icon	Icon	Icon	Icon
CL-1331-SET	48	185	180

CHALK LINES

CL-1221 CHALK LINE 3X REWIND



- Chalk line with 30 m of mixed orange nylon and cotton line
- Breaking strain of 16 kg and high chalk retention in the cotton
- 3 times rewind speed
- Claw and hook end, with an integrated belt clip
- Can also be used as a plumb bob
- It can hold 50 g of chalk, allowing a long-life between refills
- CL-1221-SET has a 227 g bottle of blue chalk, 75 mm line level and the CL-1221

Icon	Icon	Icon	Icon
CL-1221	6	30	180

CL-1221-SET CHALK LINE, BLUE CHALK, LINE LEVEL SET



- 30 meter 3x rewind chalk line
- 227g bottle of blue chalk
- 75 mm line level

Icon	Icon	Icon
CL-1221-SET	4	505

CHALK-BLUE	Icon
466-LINE	Icon
CL-1221	Icon

CHALK CHALK, 227G



- Chalk for use with CL-1221 chalk line and other makes
- Available in blue, red, white and yellow
- The chalk bottles have a scale for water resistance

Icon	Icon	Icon	Icon
CHALK-BLUE	6	227	260
CHALK-WHITE	6	227	260
CHALK-RED	6	227	260
CHALK-YELLOW	6	227	260

PBS-700 PLUMB BOB



- Simple fixing to metal structures with the magnetic hanging feature
- Supplied with 5 m of cord

Icon	Icon	Icon
PBS-700	5	810

PBB-8 PLUMB BOB BRASS



- Made of brass
- Blister pack packaging which includes a spare tip
- Replaceable, long-lasting hardened steel tip
- Through hole on the top screw for easy tightening
- Screw top simplifies attaching string to center of plumb
- Polished-lacquered is durable and rust resistant
- 185 mm long

Icon	Icon	Icon
PBB-8	6	227



TAPE MEASURES

POCKET TAPES _____ 20
 LONG TAPES AND WHEELS _____ 21

TAPE MEASURES

MTS MEASURING TAPE



- MTS-Available in metric only or metric/imperial (-E for M/I)
- Tapes are Class II
- Stainless steel blade with rust resistance coating
- Easy to read nylon coated blade with reverse blade printing
- Automatic blade lock
- Magnetic tip

MTS-5-25	6	5	25	300
MTS-5-25-E	6	5	25	300
MTS-8-25	6	8	25	470
MTS-8-25-E	6	8	25	470

MTB-C1 MEASURING TAPE CLASS I



- MTB - Available in metric
- Tape is Class I according to MID directive
- Push bottom to lock blade
- Nylon coated easy to read blade with reverse blade printing only on the magnetic models
- Belt clip

MTB-5-25-C1	6	5	25

MTB MEASURING TAPE



- MTB - Available in metric or metric/imperial (-E for M/I)
- Automatic blade lock
- Nylon coated easy to read blade with reverse blade printing only on the magnetic models
- Belt clip

MTB-3-16	6	3	16
MTB-3-16-E	6	3	16
MTB-3-16-M	6	3	16
MTB-3-16-M-E	6	3	16
MTB-5-25	6	5	25
MTB-5-25-E	6	5	25
MTB-5-25-M	6	5	25
MTB-5-25-M-E	6	5	25
MTB-8-25	6	8	25
MTB-8-25-E	6	8	25
MTB-8-25-M	6	8	25
MTB-8-25-M-E	6	8	25

MTG MEASURING TAPE



- MTG - Tape measures are available in metric or metric/imperial (-E for M/I) Easy to read blade
- Tapes are Class II
- Belt clip
- Positive locking button

MTG-3-16	12	3	16	155
MTG-3-16-E	12	3	16	150
MTG-5-19	12	5	19	230
MTG-5-19-E	12	5	19	210
MTG-8-25	4	8	25	360
MTG-8-25-E	4	8	25	390



TAPE MEASURES WHEELS

MTC_C1

MEASURING TAPE COMPACT CLASS I



- Slim tape
- Abs case highly resistant to impacts

MTC-3-13-C1	6	3	13	140	
MTC-5-16-C1	6	5	16	225	

LT-STEEL

MEASURING LONG TAPE



- LT-STEEL Available with metric scale
- Tapes are Class II
- Steel tape
- Ppen case for easy cleaning
- Ergonomic bimaterial handle
- Can be grounded to be used by only one person

LT-STEEL-30	5	30	13	1145	
LT-STEEL-50	5	50	13	1655	

MTC_C2

MEASURING TAPE COMPACT CLASS II



- Slim Tape
- ABS Case Highly resistant to impacts
- Removable belt clip to make thinner and more comfortable
- Blade impacts are absorbed by plastic piece underneath
- Stop bottom to block the blade
- Hook with hole for grip nail head or attach a rope

MTC-3-13	6	3	13	140	
MTC-5-16	6	5	16	225	

LTS

MEASURING TAPE



- LTS-Long tape available with metric or metric/imperial blade (-E for M/I)
- Tapes are Class II
- Strong fibreglass tape bonded with over 16,000 strands to withstand a pulling force of near 500 kg
- Double nylon blade coating for extra wear resistance

LTS-30	5	30	16	830	
LTS-30-E	5	30	16	830	
LTS-50	5	50	16	1220	
LTS-50-E	5	50	16	1220	
LTS-100	5	100	16	1795	
LTS-100-E	5	100	16	1795	



TAPE MEASURES WHEELS

LTB

MEASURING TAPE



- LTB-Available with metric or metric/imperial (-E for M/I)
- Tapes are Class II
- Strong fibreglass tape bonded with over 16,000 strands to withstand a pulling force of near 500 kg
- Double nylon blade coating for extra wear resistance
- Case can be simply opened and washed out for maintenance

LTB-10	6	10	13	282	
LTB-20	6	20	13	412	
LTB-30	6	30	13	588	

MW-250

MEASURING WHEEL 250 MM



- Measuring wheel
- 250 mm diameter rubber coated measuring wheel
- Adjustable handle height
- Fold down kickstand
- Measures up to 9999.9 m
- Push button reset

MW-250	2	250	1334	

MW-150

MEASURING WHEEL 150 MM



- Measuring wheel
- 150 mm diameter rubber coated wheel
- Measures up to 9999.9 m
- Push button reset

MW-150	2	150	695	



OTHER MEASURES

SQUARES _____ 24
 RULES _____ 25
 MARKING _____ 26

OTHER MEASURING SQUARES AND WOODEN RULE

9045-B SQUARE



- Punched out of quality steel in a single piece for true 90° precision, may be used for accurate marking of 45° and 90° angles
- Remains well balanced and stable when placed on the surface
- Easy-to-read scale appears on both sides
- Black finish, covered by rust preventing lacquer

9045-B-200		6	200	140
9045-B-250		6	250	200
9045-B-300		6	300	225
9045-B-400		1	400	245

9048 SQUARE



- Carpenters square with the addition of a sliding marker over the measuring scale for ease of marking repetitive measurements
- Accuracy 1 mm/1 m
- A moving pin that allows you to place the square on the workpiece edge without it dropping down, this makes single handed work much easier

9048-200		10	200	230
9048-250		10	250	260
9048-300		10	300	290
9048-350		10	350	310
9048-400		10	400	325

CS COMBINATION SQUARE



- Sliding combination square, metric and imperial marking on ruler
- Can mark 90° and 45°
- Adjustable depth for repetition marking and scribing
- Built in level bubble for approximate marking and a metal scribe contained in the end

CS150		12	150	175
CS300		12	300	375
CS400		12	400	410

WR WOODEN RULE



- Wooden rule made from Birch
- Metric/Imperial (WR) or Metric (WR-MM)

WR1		50	1	17	55
WR2		25	2	17	110
WR1-MM		50	1	17	55
WR2-MM		25	2	17	110



OTHER MEASURING SQUARE AND BEVEL

ASXXXX ADJUSTABLE SQUARE FOR PLASTER



- Adjustable plaster square with millimetre and degree graduations that can be set in four fixed positions
- Handle and blade can be folded together, making it easy to store and transport and change from left to right use
- 4 angles with fixed positions (22.5°, 45°, 67.5°, 90°)
- Additional 21 angles marked on the scale
- Handle and blade in anodized aluminium
- Handle made of aluminium profile 55 mm x 12 mm
- Tolerance +- 0.06°
- The handle's short side is 178 mm from rotating point

			A	B	C	D	
AS-1200	3		1265 mm	560	50 mm	55 mm	1150

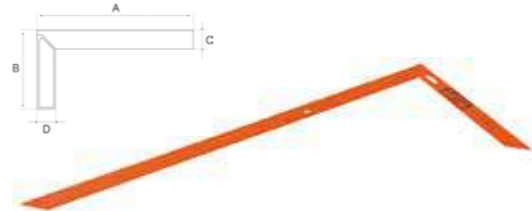
9572 SLIDING BEVEL



- For transferring a measured angle to a work piece for cutting or machining
- Blade of cold-rolled strip steel, hardened and tempered, locked in the cast by a screw. Stock of pressurised zinc alloy

9572-200		6	200	140
9572-250		6	250	175

FCS-600/FCS-1000 FLAT CARPENTER SQUARE



- Punched out of quality steel in a single piece for true 90° precision
- Can be used for accurate marking of 45° and 90° angles
- Remains well balanced and stable when placed on the surface
- Easy-to-read scale appears on both sides
- 45° angle in both corners
- 45° angle window aligned with shortest side 45° angle for easy marking
- 1.8 mm thickness metal sheet

			A	B	C	
FCS-600		6	600 mm	300	35 mm	405
FCS-800		6	800 mm	300	35 mm	495
FCS-1000		6	1000 mm	360	35 mm	630

9574 BEVEL



- For transferring a measured angle to a work piece for cutting or machining
- The blade can be tightened with the wing screw at the end, this also doubles as a hanging hole in storage

9574-200		10	200	165
9574-250		10	250	175
9574-300		10	300	185

OTHER MEASURING RULES AND PENCILS

SR_MM STEEL RULES



- Stainless steel rule
- Each with a storage wallet on a hanging card
- -E version Metric/Imperial

			A	L	
SR150-MM		12	19 mm	150 mm	20
SR200-MM		12	19 mm	200 mm	35
SR300-MM		12	25 mm	300 mm	80
SR600-MM		20	30 mm	600 mm	280
SR1000-MM		20	35 mm	1000 mm	390

P-MEC PENCIL HB GRADE



- For transferring a measured angle to a work piece for cutting or machining
- Blade of cold-rolled strip steel, hardened and tempered, locked in the cast by a screw. Stock of pressurised zinc alloy

P-MEC		24
P-MEC-LEAD		12

P-HB PENCIL HB GRADE



- Pencil HB Grade
- HB grade pencil
- Rectangular shape with chamfered edges
- P-HB-240 is a 240 mm long pencil
- P-HB is box of 25 pencils
- PENCIL-200-DISP is wire cage of 200 pencils

P-HB		25	175	25	10



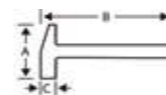


STRIKING TOOLS

WOODWORKING HAMMERS _____ 28
 CONSTRUCTION AND SPECIAL HAMMERS _____ 29
 AXES, MAULS AND WEDGES _____ 30

HAMMERS CLAW HAMMERS

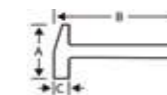
529 ERGO™ HAMMER



- Hammers developed according to the scientific ERGO™ process
- One piece forged hammer for extra resistance at work
- Bimaterial handle grip directly injected on forged hammer increases safety at work
- The long, curvy rubber grip provides for a variety of grip positions
- Optimized balance for effectiveness and low muscle stress
- Improved claw curvature for effective nail pulling
- Forged curved holding shape snaps nail from body
- Wide forge nail groove provides a large house for seating nail head
- Thicker claw for superior strength and durability

			A	B	C		
529-16-L		4	134	327	31	450	775
529-16-XL		4	134	327	31	450	795
529-20-L		4	140	329	33	570	925
529-20-XL		4	140	329	33	570	895

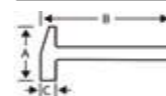
529S ERGO™ HAMMER



- Hammers developed according to the scientific ERGO™ process
- One piece forged hammer for extra resistance at work
- Bimaterial handle grip directly injected on forged hammer increases safety at work
- The long, curvy rubber grip provides for a variety of grip positions
- Optimized balance for effectiveness and low muscle stress
- Straight claw for effective nail pulling and disassembling of wooden frames

		EAN			A	B	C	
529S-16-XL		7314150340330	4	450	140	3145	30	795
529S-20-XL		7314150340347	4	570	145	345	33	895

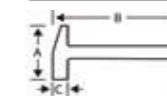
429 CLAW HAMMER



- Claw hammer with tubular manganese steel shaft
- Octagonal neck and round head
- Bright polished
- Comfortable black handle grip

			A	B	C		
429-8		4	100	230	22	230	400
429-13		4	120	370	26	370	570
429-16		4	130	450	28	450	750
429-20		4	140	570	30	570	850

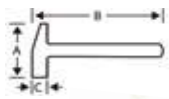
428 CLAW HAMMER



- Claw hammer with fiberglass handle for maximum shock absorption
- Octagonal neck and round head
- Bright polished
- Comfortable black hand grip
- Bright orange colour to make it easier to find

			A	B	C		
428-13		4	120	315	26	370	580
428-16		4	130	330	28	450	800
428-20		4	140	350	30	570	880

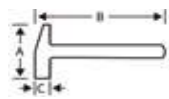
427
CLAW HAMMER



- Claw hammer with first class genuine hickory handle
- Octagonal neck and round head
- Bright polished
- Handle shaped for optimal grip with anti-slip surface and securely fixed with wedges

			A	B	C		
427-16	4		130	350	28	450	680
427-20	4		140	365	30	570	760

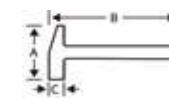
486W
BRICKLAYERS HAMMER



- Sand blasted and clear-lacquered forged steel head
- Tempered chisel and striking face
- Notch for pulling nails
- Wide chisel
- Round dotted hickory handle for better grip

			A	B	C		
486W-500	4		175	270 mm	50	500	680
486W-600	4		200	270 mm	55	600	850
SH-486W	1			270 mm			120

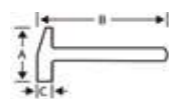
484
CLUB HAMMER



- Club hammer with convex (domed) striking faces
- Handle of first class genuine hickory, straight grained, without knots
- DIN 6475, GS certification

			A	B	C		
484-1000	6		93	260	40	1000	1080
484-1250	6		107	260	42	1250	1330
484-1500	6		107	260	45	1500	1600
484-2000	6		115	310	50	2000	2100

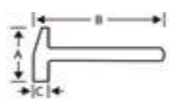
481
GERMAN DIN HAMMER



- German DIN locksmith's hammer for use on metal
- Handle of first class genuine ash, straight grained, without knots
- DIN 1041
- GS certification

			A	B	C		
481-100	6		82	260	15	100	160
481-200	6		95	260	19	200	260
481-300	6		105	300	23	300	420
481-400	6		112	300	25	400	520
481-500	6		118	300	27	500	620
481-800	6		130	350	29	800	980
481-1000	6		135	350	36	1000	1180
481-1500	6		145	385	42	1500	1700
481-2000	6		153	405 mm	47	2000	2170

485W
SPIKE CLAW CARPENTER HAMMER



- The head is fixed to the handle using steel rails
- Forged head
- Heat treated striking face and claw

			A	B	C		
485W-650	4		170	360 mm	30	650	915
485W-750	4		180	360 mm	32	750	995
SH-485W	1			360 mm			160
SH-485W-PLATES	1			110 mm			100

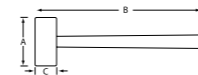
3625PU-105
DEAD BLOW SLEDGE HAMMER



- Steel structure and PU (Polyurethane) layer hammers
- Anti-sliding handle
- The striking area will not be marked
- Ideal for tyre change, transmission works, etc.

			A	B	C	
3625PU-105	1		910	105	5970	195

3625PU
RUBBER MALLET



3625RM
RUBBER MALLET



- Rubber mallet
- Wooden handle

			A	B	L	
3625RM-55	1		55	90	320	250
3625RM-65	1		65	115	340	440
3625RM-75	1		75	125	360	600
3625RM-90	1		90	139	360	720

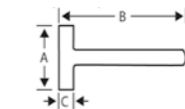
3625W-22
NYLON TIP MALLET



- Nylon tip mallet
- Nylon tip spares available (3625WL-xx)
- Wooden handle spares available (3625WLH-xx)

3625W-22		6	150
3625W-28		6	300
3625W-35		6	550
3625W-44		6	1050
3625W-55		6	1100

491
NYLON TIP MALLET



- Hardened striking heads according to standards
- Hickory handle
- Dotted wooden handle for better grip
- Epoxy black painted head
- Assembled with wedge for better accessibility

			A	B	C	
491-3000	2		160	800 mm	56	3250
491-4000	2		174	800 mm	62	4300
491-5000	2		184	900 mm	68	5350
491-6000	2		194	900 mm	72	6350



HAMMERS PUNCHES

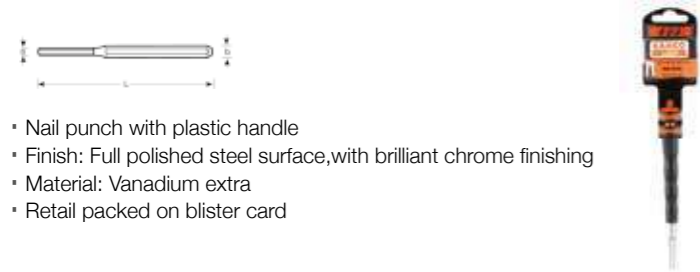
36 COMPACT NAIL PULLER WITH INTERNAL SPRING



- A compact tool for fast easy removal of nails in crates etc
- Finish: Black finish, anti-corrosion treated
- Material: high performance alloy steel with a comfortable and non slip thermoplastic grip handle
- Patented internal spring to keep the jaws open
- Wide striking area
- To be used with a claw hammer

	A	B	C	D	F	G	g
36	220	35	35	15	5	5	490

3732 NAIL PUNCHES



- Nail punch with plastic handle
- Finish: Full polished steel surface, with brilliant chrome finishing
- Material: Vanadium extra
- Retail packed on blister card

38 NAIL PULLER



- Comfortable handle of malleable cast iron, other parts forged, specially hardened jaws
- A handy tool for opening wooden crates, etc easily and fast
- Black phosphated, anti-corrosion finish

	A	B	C	D	F	G	g	
38	1	450	35	36	18	4.5	4.5	2300

HAMMERS AXES, MAULS AND WEDGES

HUS-1.0-650 CAMPING AXE



- For branch trimming and general purpose gardening work
- High-quality tool steel according to DIN 7287, class B
- Curved ash wood handle, according to DIN 5132, form B, secured by a jagged carbon-fibre wedge equipped with a euro suspension hole
- Additional 8 mm (European standard) suspension hole in the handle for easy storage
- Also available with fully polished axe head for an easier cut and a non-slip soft grip for more comfort

			g
HUS-1.0-650	4	650	1400

HUS CAMPING AXE



- For general purpose applications such as camping or gardening work and occasional branch trimming
- High-quality tool steel according to DIN 7287, class B
- Curved ash wood handle, according to DIN 5132, form B
- Handle secured by a jagged carbon-fibre wedge equipped with a euro suspension hole
- Additional 8 mm (European standard) suspension hole in the handle for easy storage
- Also available with fully polished axe head for an easier cut and a non-slip soft grip for more comfort

			g
HUS-0.6-380	4	380	850
HUS-0.8-500	4	500	1150

HAMMERS AXES, MAULS AND WEDGES

FGS-810 FELLING AXE



- For felling trees and branch trimming
- Slightly wider at the eye, the thin, wide blade ensures a clean and easy cut into the branch
- High-quality tool steel according to DIN 17200, carbon 45
- Curved ash wood handle, secured by a jagged carbon-fibre wedge equipped with a euro suspension hole
- Additional 8 mm (European standard) suspension hole in the handle for easy storage

			g
FGS-1.6-810	4	800	2200
FGS-1.8-810	4	800	2400

FGS FELLING AXE



- For branch trimming and felling small trees
- Slightly wider at the eye, the thin, wide blade ensures a clean and easy cut into the branch
- High-quality tool steel according to DIN 17200, carbon 45
- Curved ash wood handle, secured by a jagged carbon-fibre wedge equipped with a euro suspension hole
- Additional 8 mm (European standard) suspension hole in the handle for easy storage

			g
FGS-1.0-600	4	600	1500
FGS-1.25-700	4	700	1800

HGPS CAMPING AXE



- For occasional use by home owners, very much an all-round general purpose axe
- Thin wide blade for a clean cut
- Curved ash wood handle, secured by a jagged carbon-fibre wedge
- Equipped with a euro hole in addition to an 8 mm (European standard) suspension hole in the handle for easy storage

			g
HGPS-0.6-360	10	360	800
HGPS-0.8-380	4	380	1000
HGPS-1.0-400	4	400	1250





WRECKING BARS

WRECKING BARS _____ 39

WRECKING BARS

WBP PREMIUM WRECKING BAR



- Premium Wrecking Bar
- Bent end and a flat end
- Polished and grey coated
- Nail claw on one end specially designed for easy operation
- Material 50 Cr-V with a uniform head treatment in the whole bar
- Octagonal bar

Icon	Icon	Ø	Length
WBP300	1	14 mm	346 mm
WBP500	1	16 mm	487 mm
WBP625	1	17 mm	621 mm
WBP710	1	17 mm	704 mm
WBP900	1	20 mm	890 mm

APB ADJUSTABLE PRY BAR



- Adjustable Pry Bar
- 260 mm length
- Head with V claw specially designed to be aligned with striking range
- Orange button to release head movement
- 11 different positions
- Sold in retail packaging

Icon	Icon	Length	g
APB360	10	360 mm	543
APB260	10	260 mm	410

CFP250 PRY BAR CROWFOOT



- Nail punch with plastic handle
- Finish: Full polished steel surface, with brilliant chrome finishing
- Material: Vanadium extra
- Retail packed on blister card

Icon	Icon	Length	g
CFP250	6	250 mm	302
CFP250-DISP	12		

CFW250 PRY BAR CROWFOOT



- Pry Bar Crowfoot
- Crowfoot end and wide end
- Suitable for tight spaces
- Use for demolition works
- Sold in retail packaging with code CFW250
- Sold in 12 pieces display with code CFW250-DISP

Icon	Icon	Length	g
CFW250 6	10	250 mm	308
CFW250-DISP 12			

ADJUSTABLE PRY BAR



- 1 Multiposition crowbar
- 2 11 Positions
- 3 Easy to adjust with push button
- 4 Maximum force, 240 kg
- 5 For positioning doors and windows, pulling nails, removing plinths and various renovation work

WRECKING BARS

WBB

BASIC WRECKING BAR



- Basic Wrecking Bar
- Bent end and a flat end
- Material C45
- Head treatment on the nails areas
- Hexagonal bar

Icon	Icon	Ø	L
		14 mm	391
WBB400	10	14 mm	391
WBB500	10	16 mm	500
WBB600	10	18 mm	569
WBB700	6	18 mm	685
WBB800	6	18 mm	810

WBMF190

MINI FLAT WRECKING BAR



- Mini Flat Wrecking Bar
- Bent end and a flat end
- Nail claw on one end specially designed for easy operation.
- Material C45 with an uniform head treatment throughout the whole bar
- Flat plate

Icon	Icon	L	g
		188 mm	77
WBMF190	24	188 mm	77

WBF380

FLAT WRECKING BAR



- Flat Wrecking Bar
- Bent end and a flat end
- Nail claw on one end specially designed for easy operation
- Material 50 Cr-V with an uniform head treatment throughout the whole bar
- Flat plate

Icon	Icon	Ø	L
		35 mm	374
WBF380	36	35 mm	374



TOGETHER WE BUILD



WOOD CHISEL

WOOD CHISELS _____ 28

WOOD CHISELS

434 ergo[®] CHISELS



- Chisel developed according to the scientific ERGO™ process
- Splitproof 2-component handle allows the use of a hammer
- Safety guard and rounded shoulders for added security
- Precision ground blade for maximum sharpness
- Hardened and tempered for long lasting performance
- Honed and ready to use
- Polished blade for increased rust resistance
- Protective holster included
- Size range: 6 to 38 mm (1/4 to 1 1/2")

		A	B	
434-6	4	6	140	200
434-8	4	8	140	206
434-10	4	10	140	213
434-12	4	12	140	220
434-14	4	14	140	228
434-15	4	15	140	232
434-16	4	16	140	241
434-18	4	18	140	245
434-20	4	20	140	256
434-22	4	22	140	268
434-25	4	25	140	284
434-28	4	28	140	299
434-30	4	30	140	309
434-32	4	32	140	319
434-35	4	35	140	333
434-38	4	38	140	348
434-50	4	50	140	390

424P CHISELS



- Specially designed 2-component handle maximizes control and comfort
- Precision ground blade for maximum sharpness
- Hardened and tempered for long lasting performance
- Honed and ready to use
- Protective holster included
- Size range: 4 to 40 mm (5/32 to 1 9/16")

		A	B	
424P-4	4	4	140	195
424P-6	4	6	140	201
424P-8	4	8	140	207
424P-10	4	10	140	214
424P-12	4	12	140	221
424P-14	4	14	140	229
424P-15	4	15	140	233
424P-16	4	16	140	242
424P-18	4	18	140	246
424P-20	4	20	140	257
424P-22	4	22	140	269
424P-24	4	24	140	280
424P-25	4	25	140	285
424P-26	4	26	140	290
424P-28	4	28	140	300
424P-30	4	30	140	310
424P-32	4	32	140	320
424P-35	4	35	140	334
424P-38	4	38	140	349
424P-40	4	40	140	358



WOOD CHISELS

414 CHISELS



- 1-component polypropylene handle
- Precision ground blade for maximum sharpness
- Hardened and tempered for long lasting performance
- Protective holster included
- Size range: 6 to 38 mm (1/4 to 1 1/2")

		A	B	
414-6	4	6	140	176
414-8	4	8	140	188
414-10	4	10	140	195
414-12	4	12	140	202
414-14	4	14	140	210
414-15	4	15	140	214
414-16	4	16	140	223
414-18	4	18	140	227
414-20	4	20	140	238
414-22	4	22	140	250
414-25	4	25	140	266
414-28	4	28	140	281
414-30	4	30	140	291
414-32	4	32	140	301
414-35	4	35	140	315
414-38	4	38	140	330

434-S6-PP ergo[®] WOOD CHISEL SET, 6 PCS



- Wood chisels set, 6 pcs
- In high quality polyester pouch to protect chisels when not in use

434-S6-PP	1	1,672

434-6, 434-10, 434-12, 434-18, 434-25, 434-32

434-S3-EUR ergo[®] CHISELS SET



- Chisel developed according to the scientific ERGO™ process
- Splitproof 2-component handle allows the use of a hammer
- Safety guard and rounded shoulders for added security
- Precision ground blade for maximum sharpness
- Hardened and tempered for long lasting performance
- Honed and ready to use
- Polished blade for increased rust resistance
- Set with individual holsters

434-S3-EUR	1	819

434-12, 434-18, 434-25

434-S6-EUR ergo[®] CHISEL SET: 6PCS



- Chisel developed according to the scientific ERGO™ process
- Splitproof 2-component handle allows the use of a hammer
- Safety guard and rounded shoulders for added security
- Precision ground blade for maximum sharpness
- Hardened and tempered for long lasting performance
- Honed and ready to use
- Polished blade for increased rust resistance
- 6 piece set with tip protector
- In an exclusive wooden box

434-S6-EUR	1	1600

434-6, 434-10, 434-12, 434-18, 434-25, 434-32

WOOD CHISELS

424P-S3-EUR

CHISEL SET: 3PCS



- Specially designed 2-component handle maximizes control and comfort
- Precision ground blade for maximum sharpness
- Hardened and tempered for long lasting performance
- Honed and ready to use
- The set comes with individual holsters

424P-S3-EUR	1	825
424P-12, 424P-18, 424P-25		

424P-S6/S8

CHISEL SET



- Specially designed 2-component handle maximizes control and comfort
- Precision ground blade for maximum sharpness
- Hardened and tempered for long lasting performance
- Honed and ready to use
- Set has tip protectors
- Comes in an exclusive wooden box

424P-S6-EUR	1	1385
424P-6, 424P-10, 424P-12, 424P-18, 424P-25, 424P-32		

424P-S6-PP

WOOD CHISEL SET, 6 PCS



- Wood chisels set, 6 pcs
- In high quality polyester pouch to protect chisels when not in use

424P-S6-PP	1	1,635
424P-6, 424P-10, 424P-12, 424P-18, 424P-25, 424P-32		

414-S3-EUR

CHISEL SET



- 1-component polypropylene handle
- Precision ground blade for maximum sharpness
- Hardened and tempered for long lasting performance
- Set comes with individual holsters

414-S3-EUR	1	766
414-12, 414-18, 414-25		

KNIVES & SCRAPERS

KNIVES AND SPARE BLADES _____ 39

SCRAPERS _____ 45



KNIVES AND SCRAPERS

2446 MULTIPURPOSE KNIFE



- Robust knife with a solid stainless steel blade for multipurpose use
- 2-component handle for comfort in use and a safe grip
- Overall product length 220 mm, blade length 100 mm
- Supplied with a practical sheath for belt carrying
- Available in a 15 pce counter display

			L	A	
2446	15		220	100	130

2446-EL ELECTRICIAN STRIPPING KNIFE BOTH HANDS USE



- Ambidextrous Electrician Stripping Knife
- Special sharpening to strip cables with both hands

2446-EL	12		135

2446-ELL ELECTRICIAN STRIPPING KNIVES - LEFT HAND USE



- Electrician stripping knives
- Left hand use
- Special sharpening to strip cables
- Special holster for transport and safety storage
- Clip designed to be attached to existing double button in 1446 & 2446 codes
- Sold in a 12 units display

			L	A	
2446-ELL	12		145	34 mm	135

2446-LINO KNIFE FOR LINO



- Knife for Lino
- Specially designed to be used on carpets
- Extremely sharpened

			L	A
2446-LINO	12		160 mm	55

2446-ELR ELECTRICIAN STRIPPING KNIVES - RIGHT HAND USE



- Electrician stripping knives
- Right hand use
- Special sharpening to strip cables
- Special holster for transport and safety storage
- Clip designed to be attached to existing double button in 1446 & 2446 codes
- Sold in a 12 units display

			L	A	
2446-ELR	12		145	34 mm	135

1446 MULTIPURPOSE KNIFE



- Robust knife with a solid stainless steel blade for multipurpose use
- Single component handle for comfort in use and a safe grip
- Special holster with double knife button
- Overall product length 220 mm, blade length 100 mm
- Supplied with a practical sheath for belt carrying
- Available in a 15 pce counter display

			L	A	
1446	15		220	100	220

KNIVES AND SCRAPERS

2448 WRECKING KNIFE



- Heavy duty product made from impact resistant PPE with a blade hardened to 58-61 Hrc for a long lasting edge
- Curved knuckle protector can be used as a lever for hard work
- The back edge of the tool can be struck with a hammer to make working faster
- Uses include making mortise joints in doors or splitting wood
- 4 mm thick blade for heavy duty use
- 100 mm long blade which increases the striking area

			A	B	C	D	
2448	12		231	100	25	4	200
SB-2448	10		231	100	25	4	260

KERU-01 ERGO™ RETRACTABLE UTILITY KNIFE



- Knife developed according to the scientific ERGOTM process
- Easy blade change
- Storage for 6 blades in the easy to use rear magazine
- 2 Position mechanism
- Can be washed out when needed

			A	B	C	
KERU-01	5		161	26	70	126

KHU-01 FIXED UTILITY KNIVES HOLSTER



- Fixed utility knives holster
- Used for fixed utility knives to safety transport with assembled blade

KHU-01		4	90

2449 WRECKING KNIFE



- Heavy duty product made from impact resistant PPE with a blade hardened to 58-61 Hrc for a long lasting edge
- Curved knuckle protector can be used as a lever for hard work
- The back edge of the tool can be struck with a hammer to make working faster
- Use like a heavy duty carpenters knife as it has a curved blade
- 4 mm thick blade for heavy duty use
- 100 mm long blade which increases the striking area

			A	B	C	D	
2449	12		231	100	25	4	200
SB-2449	10		231	100	25	4	220

KEFU-01 ERGO™ FIXED UTILITY KNIFE



- Knife developed according to the scientific ERGOTM process
- Fixed utility knife
- Easy blade change
- Storage for 6 blades in the easy to use rear magazine
- Can be washed out when needed

			A	B	C	
KEFU-01	5		161	26	68	127



KNIVES AND SCRAPERS

KE18-01 ^{ergo} ERGO™ 18MM SNAP OFF KNIFE



- Knife developed according to the scientific ERGOTM process
- 18 mm snap off blade knife
- Easy blade change
- Storage for 3 blades in the easy to use rear magazine
- Can be washed out when needed

			A	B	C	
KE18-01		5	161	26	41	120

KGRU-01 RETRACTABLE UTILITY KNIFE



- Retractable utility knife
- Easy side opening body for blade change
- Storage for 5 blades
- 3 position mechanism

			A	B	C	
KGRU-01		5	150	22	65	102

KGAU-01 RETRACTABLE UTILITY KNIFE



- Safety Utility Knife

KGAU-01		5	115

KBRU-01 RETRACTABLE UTILITY KNIFE



- Retractable utility knife
- Easy side opening body for blade change
- Storage for 5 Blades
- 3 Position mechanism
- Comfortable TPR grip
- Retractable utility knife
- Easy side opening body for blade change
- Storage for 5 blades
- 3 Position mechanism
- Comfortable TPR grip

			A	B	C	
KBRU-01		5	160	23	75	132

KBRU-02 RETRACTABLE UTILITY KNIFE



- Retractable utility knife
- Easy opening body for blade change
- Storage for 5 blades
- 3 position mechanism

			A	B	C	
KBRU-02		5	150	21	34	90

KB18-01 18MM SNAP OFF KNIFE



- 18 mm Snap off blade knife
- Comfortable TPR grip

			A	B	C	
KB18-01		5	161	24	41	72

KNIVES AND SCRAPERS

KB09-01 9MM SNAP OFF KNIFE



- 9 mm snap off blade knife
- Comfortable TPR grip

			A	B	C	
KB09-01		5	140	12	24	26

KBGU-5P-DISPEN TRAPEZOIDAL BLADES 5 UNIT DISPENSER



- Trapezoidal blades 5 unit dispenser
- Spare trapezoidal blades 5 unit dispenser
- Packaged in a 5 unit dispenser

KBGU-5P-DISPEN		20	0,635	19 mm	60 mm	19

KBGH-5P-DISPEN HOOK BLADES 5-UNIT DISPENSER



- Hook blades 5-unit dispenser
- Spare hook blades for utility knives
- Packaged in a 5-unit dispenser

KBGH-5P-DISPEN		20	0,635	19 mm	60 mm	19

KSBG18-10DISPEN SNAP OFF 18 MM BLADES 10 UNITS DISPENSER



- Snap off 18 mm blades 10 units dispenser
- Spare blades for 18 mm snap off utility knives
- Packaged in a 10 blades dispenser

KSBG18-10DISPEN		1	130	30	15	92

SQZ150003 SQUEEZE KNIFE



- Squeeze knife with quick change blade feature
- 6 spare blades stored in a special compartment

SQZ150003		6	60MM	170	35

KBGU-10P-DISPEN TRAPEZOIDAL BLADES 10 UNITS DISPENSER



- Trapezoidal blades 10 units dispenser
- Spare trapezoidal blades for utility knives
- Packaged in a 10 units dispenser

KBGU-10P-DISPEN		20	60	19	0,635	19

KBGR-5P-DISPEN UTILITY KNIFE BLADES SAFETY IN A 5-UNIT DISPENSER



- Utility Knife safety blades
- Carbon steel utility knife blade with rounded tip for safety
- Packaged in a 5-Units Dispenser

KBGR-5P-DISPEN		20	0,635	19 mm	55 mm	19

KSBG09-10DISPEN SNAP OFF 9 MM BLADES-10 UNITS DISPENSER



- Snap Off 9 mm Blades, 10 units Dispenser
- Spare Blades for 9 mm Snap Off Utility Knives
- Packaged in a 10 blades dispenser

KSBG09-10DISPEN		20	100	20	15	40






KNIVES AND SCRAPERS

KBTU-01 TWIN BLADE SPORTS KNIFE






- Knife developed according to the scientific ERGOTM process
- 18 mm snap off blade knife
- Easy blade change
- Storage for 3 blades in the easy to use rear magazine
- Can be washed out when needed

			A	B	C	
KBTU-01	5		170	20	55	199

KBSU-01 SPORTS UTILITY KNIFE



- Sports utility knife
- Folding design takes up less space
- Locking mechanism when blade is being used
- Thumb rest for comfort

			A	B	C	
KBSU-01	5		170	13	55	90

625 ERGONOMIC PAINTSCRAPER WITH HOLSTER




- Paint scraper developed according to the scientific ERGO™ process
- Specially designed for precision work such as scraping windows, moulding and narrow corners
- Carbide blades suitable for scraping paint, glue, varnish and rust off wood, metal, concrete etc
- 2-component handle for better grip and comfort
- Can be fitted with profile blades 625-ROUND, 625-DROP and 625-PEAR
- Fitted with triangular 449 blade and complete with holster
- Designed for convenient storage in a pocket or on a belt
- Narrow front with precision thumbgrip

				
625	5		25	107

KBSK-01 SPORTS KNIFE



- 75 mm/3" blade
- Locking mechanism for safety in use
- Serated portion on blade for rope cutting

			A	B	C	
KBSK-01	5		148	14	47	139

MTT151 MULTI TOOL



- Heavy duty aluminium body
- Anodized finish in orange
- 18 versatile functions
- Rust resistant stainless steel blades
- Hard durable canvas storage pouch with belt loop

					
MTT151	150		6	320	6

650 ERGONOMIC PAINTSCRAPER



- Paint scraper developed according to the scientific ERGO™ process
- Developed and designed for universal use
- Carbide blades suitable for scraping paint, glue, varnish and rust off wood, metal, concrete etc
- 2-component handle for better grip and comfort
- Fitted with 442 blade
- Slim scraper head for better access in confined spaces

				
650	5		50	158

KNIVES SCRAPERS

665 ERGONOMIC PAINTSCRAPER







- Paint scraper developed according to the scientific ERGO™ process
- Heavy duty scraper
- The two hand grip makes it a powerful choice for scraping large areas
- Carbide blades suitable for scraping paint, glue, varnish and rust off wood metal concrete etc
- 2-component handle for better grip and comfort
- Fitted with 451 blade
- Slim scraper head for better access in confined spaces

				
665	5		60	210

449/442/451 PAINTSCRAPER BLADES








- For scraping on wood, metal and concrete
- The cemented-carbide blade stays sharp and productive up to 50 times longer than a conventional steel blade
- The blades are precision-ground to a slightly convex shape that prevents the blade corners from scratching the work surface
- 442: double edged 50 mm for scrapers 650 and 440
- 451: double edged 65 mm for scrapers 665 and 450
- 449: triangular 25 mm for scrapers 625 and 448

				
442-3P	10		50	18
449	10		25	6
442	10		50	6
451	10		65	10

KNIVES CABINET SCRAPERS





474 CABINET SCRAPER

					
474-125-0.60	10		125	0.6	55
474-125-0.80	10		125	0.8	70
474-150-0.60	10		150	0.6	70
474-150-0.80	10		150	0.8	80

850/865 PAINTSCRAPER BLADE






- Allows scraping on wood, metal and concrete
- Paintscraper blade with patented wave shaped edges
- With this edge design the scraper can remove up to 10 times more paint, compared to a straight blade
- Perfect for rough removal
- The cemented-carbide blade stays sharp and productive up to 50 times longer than a conventional steel blade
- The blades are double edged and fit the scrapers 650 and 665

				
850-1	50		6	10
865-1	65		8	10

625- PAINTSCRAPER BLADES FOR SCRAPER 625



- For scraping on windows, frames and mouldings with different inverted radii
- Made of cemented carbide with superior sharpness, for scraping on wood, metal or concrete
- Can be turned 360° in the handle to find different radii or sharp points
- Outer diameter on round section is 17mm/2/3"
- Profile blades for scraper 625

			
625-DROP	10		3
625-PEAR	10		3
625-ROUND	10		3

- Cabinet scraper for carpentry work such as smoothing wood surfaces and removing old paint
- Blade of cold-rolled, hardened and tempered chrome-nickel steel
- White plastic edge protector





CLAMPS

CLAMPS

QCB QUICK LAMP



- A wider range up to 1250 mm in length
- QCB clamp has a force of 200 kg
- Replaceable gripping pads with 2 different compounds, standard pads fitted are medium
- Variable speed trigger mechanism that increases power as the head makes contact with the work piece
- Can also be used as a spreader

QCB-150	6	150		935
QCB-300	6	300		1044
QCB-450	6	450		1145
QCB-600	4	600		1260
QCB-900	4	900		1493
QCB-1250	8	1250		1746

QCG QUICK LAMP



- The QCG clamp is slightly smaller in size than the QCB and QCS meaning it is ideal for confined spaces
- Clamp up to 125 kg
- It can also be converted for spreading

QCG-150	6	150		500
QCG-300	6	300		600

420SC SPRING CLAMPS



- Handy spring clamps with a movable gripping surface for odd shapes
- Available in 25 mm and 50 mm opening

420SC-25	10		60
420SC-50	5		130

420SH PLASTIC HANDLE F-CLAMP



- Professional type F clamp with one fixed and one sliding bracket fitted to a galvanised profiled steel rail
- Zinc plated screw with special, plastic-covered ball-swivel foot for secure and easy clamping of odd shapes
- Tough and weather-resistant
- Specially designed handle for a heavy duty use but soft feel

			A	B		
420SH-50-100	10	50 mm	100 mm	50 mm	285	
420SH-50-200	10	50 mm	200 mm	50 mm	340	
420SH-60-120	12	60 mm	120 mm	60 mm	440	
420SH-60-300	12	60 mm	300 mm	60 mm	580	
420SH-80-160	12	80 mm	160 mm	80 mm	110	
420SH-100-200	10	100 mm	200 mm	100 mm	1220	
420SH-120-250	8	120 mm	250 mm	120 mm	1540	
420SH-120-300	8	120 mm	300 mm	120 mm	1620	
420SH-120-400	6	120 mm	400 mm	120 mm	1785	
420SH-120-500	6	120 mm	500 mm	120 mm	1980	
420SH-120-600	6	120 mm	600 mm	120 mm	2040	
420SH-120-800	6	120 mm	800 mm	120 mm	2490	
420SH-120-1000	6	120 mm	1000 mm	120 mm	2840	
420SH-120-1250	6	120 mm	1250 mm	120 mm	3285	
420SH-120-1500	6	120 mm	1500 mm	120 mm	3730	
420SH-140-400	6	140 mm	400 mm	140 mm	2335	
420SH-175-400	6	175 mm	400 mm	175 mm	2610	

TOOL STORAGE

BAGS	50
POUCHES & BELTS	51
TRANSPORTER	52



STORAGE BAGS

4750FB1-19A

19" OPEN BAG



- Combination of Denier 600 & 1680 polyester fabrics
- PP hard bottom for isolation and easy cleaning
- PVC overmolded zips for easy actioning even with gloves
- Padded shoulder strap with clicking adjustment
- Measuring tape, card and phone holder section
- Pockets, mini- pockets, elastics & dividers outside and inside the bag that fit the different tools
- Spirit level adjustable holder straps
- Velcro straps for long tools & others
- Soft grip handle made of rubberized material provides a User friendly grip and isolates from touching any cold material
- Hand saw special pocket

4750FB1-19A	1	355 mm	470	230	3.2790 kg

4750FB2-19A

19" BAG



- Full access to internal tools due to its wide mouth opening
- Combination of Denier 600 & 1680 polyester fabrics
- PP hard bottom for isolation and easy cleaning
- PVC overmolded zips for easy actioning even with gloves
- Padded shoulder strap with clicking adjustment
- Measuring tape, card and phone holder section
- Pockets, mini- pockets, elastics & dividers outside and inside the bag that fit the different tools
- Spirit level adjustable holder straps

4750FB2-19A	1	470 mm	230	370	1.9450 kg

4750FB1-19B

19" OPEN BAG WITH COVER



- Detachable extra pallet for better tool distribution
- Combination of Denier 600 & 1680 polyester fabrics
- PP hard bottom for isolation and easy cleaning
- PVC overmolded zips for easy actioning even with gloves
- Padded shoulder strap with clicking adjustment
- Measuring tape, business card and phone holder section
- Pockets, mini- pockets, elastics & dividers outside and inside the bag that fit the different tools
- Spirit level adjustable holder straps
- Velcro straps for long tools & others
- Soft grip handle made of rubberized material provides a user-friendly grip and protects users from touching any cold material
- Hand saw storage pocket

4750FB1-19B	4	355 mm	470	230	3.3100 kg

4750FB2-24A

24" BAG



- Special layout for storing a 22" hand saw inside
- Full access to internal tools due to its wide mouth opening
- Combination of Denier 600 & 1680 polyester fabrics
- PP hard bottom for isolation and easy cleaning
- PVC overmolded zips for easy actioning even with gloves
- Padded shoulder strap with clicking adjustment
- Measuring tape, card and phone holder section
- Pockets, mini- pockets, elastics & dividers outside and inside the bag that fit the different tools
- Spirit level adjustable holder straps

4750FB2-24A	2	380 mm	600	260	2.4800 kg

STORAGE BAGS

3100TB

TOOLBAG



- Open top tool bag for easy access and use
- Comfortable padded carry strap and handle
- 10 internal, 11 external pockets, tape measure clip and spirit level straps
- Waterproof base

3100TB	1	348 mm	250 mm	480 mm

STORAGE POUCHES & BELTS

4750-HDBS-2

HEAVY DUTY BELT SET



- Heavy duty belt set
- Made of tough nylon and high grade synthetic reinforcement
- Moveable components you can easily take out
- Fully padded belt with extra comfort when carrying heavy tools

4750-HDBS-2	1	900	160	360	1.550

4750-UP

UNIVERSAL POUCH



- Universal pouch
- Carries all the essentials
- Rust proofed fittings
- Strong industrial stitching
- 4750-UP-2 includes 2 hooks for extra loops and 2 safety rings for lanyard attachment

4750-UP-1	1	290	110	310	430

4750-3PB

THREE POUCH BELT SET



- 3 pouch belt set
- Fits waist up to 48"
- Made from tough, lightweight nylon
- Plenty of riveting for real strength
- Rust proofed fittings, including tape clip
- 4750-3PB-2 includes 4 hooks for extra loops and 3 safety rings for lanyard attachment
- Compliant with DROPS best practices

4750-3PB-1	1	690	110	270	900

4750-2PP

TWO POCKET FIXINGS POUCH



- Two pocket fixings pouch
- Extra strong 600D polyester
- Leather sleeve for your knife
- Handy extra pocket

4750-2PP-1	1	240	120	290	360



STORAGE POUCHES & BELTS

4750-DHO-3 DRILL HOLSTER RIGHT AND LEFT HANDED

- Drill holster right and left handed
- Holds any standar sized cordless or hand powered drills
- Suits left and right handed users as well as forward and backward facing machines
- Rubber slots on the top ideal for storing drill bits



4750-DHO-3	1	270	150	300	0.520

4750-KNHO-1 SQUEEZE KNIFE HOLDER

- Knife holder
- Riveted reinforcement
- Rust proofed fittings



4750-KNHO-1	1	90	30	160	63

4750-VMPH-1 VERTICAL MOBILE PHONE HOLDER

- Vertical mobile phone holder
- Velcro® loops fits any belt
- Made from strong nylon



4750-VMPH-1	1	75	60	150	70

4750-HHO-2 HAMMER HOLDER



4750-MPH-1 MULTI PURPOSE HOLDER

- Multi purpose holder
- Riveted for unbreakable strength
- Measuring tape clip included
- Extra leather slot for pen or screwdriver
- Made of strong 1680 denier polyester



4750-MPH-1	1	240	170	60	0.220

4750-HDB-2 HEAVY DUTY BELT WITH CUSHION WITH STAINLESS STEEL TWIN-PIN BUCKLE

- Heavy duty belt with cushion with stainless steel twin-pin buckle
- Made of strong 1680 Denier polyester with polyethylene backing
- Riveted for unbreakable strength



4750-HDB-2	1	190	900	50	0.650

1430FT120 FOLDABLE TRANSPORTER WITH CAPACITY FOR 120KG

- Steel frame
- Aluminium tray
- Polypropylene handle
- Rubber wheel 35mm
- Elastic bands included to fix the load
- 487x350mm footplate



1430FT120	1	497 mm	520 mm	1070	120	175 mm	175 mm	6,3 kg

- Convenient to use hammer holder
- Lanyard attachment for safer working at height
- Integrated belt loop

	EAN					
4750-HHO-2	7314153014863	1	180 mm	70 mm	120	190



PLIERS

SIDE CUTTERS	54
FENCING PLIERS	54
COMBINATION PLIERS	55

PLIERS SIDE CUTTERS

2101G SIDE CUTTING PLIERS WITH PROGRESSIVE EDGE



- Side cutting pliers developed according to the scientific ERGOTM process
- ISO 5749
- Material: High performance alloy steel, ERGO™ handles with 2-component combination, thermoplastic surface on tough polypropylene which gives superior grip
- Induction hardened cutting edges
- Progressive edges: The cutting radius progresses along the edge in order to cut hard material like piano wire close to the joint and soft materials like copper and plastic insulated wire at the tip
- Round shaped jaws give improved accessibility in confined spaces
- Equipped with a patented return spring featuring an on/off function
- IP: Industrial packed

		A	B	C	D	E	Qu mm	For mm	g	
2101G-125	5	125	14.2	17	8	1	3.5	1.8	1.6	90
2101G-140	5	140	15.9	19	8	1.5	3.7	2.0	1.8	120
2101G-160	5	160	17.5	21	9	2	3.8	2.5	2.0	170
2101G-180	5	180	19.4	23	10	2	4.0	2.7	2.3	230
2101G-125IP	5	125	14.2	17	8	1	3.5	1.8	1.6	90
2101G-140IP	5	140	15.9	19	8	1.5	3.7	2.0	1.8	120
2101G-160IP	5	160	17.5	21	9	2	3.8	2.5	2.0	170
2101G-180IP	5	180	19.4	23	10	2	4.0	2.7	2.3	230

2339D END CUTTER, FENCING PLIERS. IRON WIRE



- Easy cutting with the high leverage design
- Suitable for twisting and cutting up to medium hard wire
- Black finish, anti-corrosion treated high performance alloy steel
- Material: High performance alloy steel, PVC coated handles for better gripping comfort
- With high leverage design for ease to use
- For wire twisting and cutting at construction sites (armouring) and to cut medium hard wire used in this application
- IP = Industrial Packed

	A	B	C	D	E	F	G	For mm	g
2339 D	220mm	16mm	28mm	21mm	1mm	3.0mm	21mm	2.2mm	320
2339 DIP	220mm	16mm	28mm	21mm	1mm	3.0mm	22mm	2.2mm	320
2339 D-300IP	300mm	12mm	36mm	21mm	6mm	2mm	6mm	4.5mm	450
2339 D-300	300mm	12mm	36mm	21mm	6mm	2mm	6mm	4.5mm	450

21HDG SIDE CUTTING PLIERS FOR HEAVY DUTY APPLICATIONS



- Heavy duty side cutting pliers developed according to the scientific ERGO™ process
- ISO 5749
- Material: High performance alloy steel, ERGO™ handles with 2-component combination, thermoplastic surface on tough polypropylene which gives superior grip
- Induction hardened cutting edges
- Heavy-duty cutting edge
- Equipped with a patented return spring featuring an on/off function
- IP: Industrial packed

	A	B	C	D	E	For mm	g		
21HDG-140	5	140	15.9	21	8	2.0	2.2	2.2	110
21HDG-160	5	160	18	23	9	2.1	2.5	2.5	150
21HDG-180	5	180	19.8	25	10	2.3	2.8	2.8	210
21HDG-200	5	200	22.4	27	10	2.8	3.2	3.0	270
21HDG-140IP	5	140	15.9	21	8	2.0	2.2	2.2	110
21HDG-160IP	5	160	18	23	9	2.1	2.5	2.5	150
21HDG-180IP	5	180	19.8	25	10	2.3	2.8	2.8	210
21HDG-200IP	5	200	22.4	27	10	2.8	3.2	3.0	270

1519D BLACK FINISH SIDE CUTTING PLIERS



- High Leverage from the extra long handles
- High cutting capacity up to 2.5mm piano wire
- Black finish, anti-corrosion treated high alloy steel
- Replacement jaws complete with screws available, part number 1519-9
- Extra long handles for high leverage and cutting capacity
- 1519-9 : Spare jaws 2 pcs jaws and screws

	A	B	C	D	E	F	G	For mm	g
1519D	230mm	10.5mm	37mm	13.5mm	2.5mm	11.5mm	25mm	2.5mm	450g
1519-9									0,0005 g

PLIERS SIDE CUTTERS

1520G POWER CUTTER



- Power cutter with centric precision cutting edges
- Finish: Black finish anti-corrosion treated
- Material: High performance alloy steel, handles in 2-component thermoplastic elastomer surface on tough polypropylene which gives a superior grip
- Forged with cutting edges for piano, hard and soft wire
- High leverage giving exceptional cutting performance with minimum effort
- The precision cutting edges are additionally induction hardened 63-64 HRC

	A	B	C	D	E	F	g		
1520 G	5	210	16	33.5	17.1	8	6	3.8	310

PLIERS COMBINATION PLIERS

2628G COMBINATION PLIERS



- Combination pliers developed according to the scientific ERGOTM process
- ISO 5746
- Finish: Black finish, anti-corrosion treated
- Material: High performance alloy steel
- ERGOTM handles with 2-component combination, thermoplastic surface on tough polypropylene which gives superior grip
- Edges specially designed to cut harder material such as piano wire and spring steel wire
- Gripping surfaces particularly suited for gripping round and flat material
- Round shaped jaws give improved accessibility in confined spaces
- The distance from the joint to the centre of the cutting edges is reduced: giving greater leverage and increased cutting capacity
- Equipped with a return spring featuring an on/off function
- IP: Industrial packed

	A	B	C	D	E	F	G	For mm	g		
2628 G-160	5	160	33	23	10.5	3.5	10.5	12	2.0	1.8	190
2628 G-180	5	180	36	25	11	4	11.0	14	2.5	2.0	240
2628 G-200	5	200	39	27	12	4.5	12.0	16	3.0	2.5	300
2628 G-160IP	5	160	33	23	10.5	3.5	10.5	12	2.0	1.8	190
2628 G-180IP	5	180	36	25	11	4	11.0	14	2.5	2.0	240
2628G-200IP	5	200	39	27	12	4.5	12.0	16	3.0	2.5	300

8223-8226 SLIP JOINT PLIERS



- Slip joint pliers developed according to the scientific ERGO™ process
- ISO 8976
- Finish: Black finish, anti-corrosion treated
- Material: High performance alloy steel
- ERGOTM handles in 2-component combination, thermoplastic surface, for comfortable grip, on tough polypropylene core for rigidity
- Hardened jaws
- Teeth designed to ensure grip
- Jaws for flat and pipe shape gripping
- Single thumb button adjustment
- IP: Industrial Packed

	A	B	C	D	E	F	g		
8223	5	210	35	46	7	5	7.0	37	270
8224	5	250	40	51	8	6	8.0	45	350
8225	5	315	52	63	9.5	7	9.5	55	550
8226	1	400	60	77	13	7	13.0	67	670
8223 IP	5	210	35	46	7	5	7.0	37	270
8224 IP	5	250	40	51	8	6	8.0	45	350
8225 IP	5	315	52	63	9.5	7	9.5	55	550



PLIERS SIDE CUTTERS

7223-7225

QUICK ADJUST SLIP JOINT PLIERS



- ISO 8976
- Finish: black, anti corrosion treated
- Material: high performance alloy steel, two component handles for maximum grip comfort
- Heat treated jaws
- 25 position settings with a self adjusting patented lateral lever
- Flat and round grip shape with auto-tightening device
- Sturdy box jointed metal frame
- Designed to prevent finger pinching

			A	B	C	D	E	F		
7223	5	200	35	50	21	5	7	49	280	
7224	5	250	36	61	21	8	7	61	380	
7225	2	300	52	63	21	7	95	71	660	

4559

BOLT CUTTERS



- Material: High performance alloy steel
- Wide range of bolt cutters with cutting capacity up to 15 mm concrete reinforcing rod or 9 mm valve spring steel
- Black finish, anti-corrosion treated
- Dimensions between 18 and 36 have jaws that easy can be adjusted by a simple patented system
- Forged from precision high-grade steel and no protruding parts to get damaged or deformed
- High cutting power even at the start of the cut
- Comfortable handles
- Good accessibility in confined spaces

4559-12	1	320	6	5	4	900
4559-18	8	430	8	7	6	1990
4559-24	6	600	10	9	8	2860
4559-30	5	750	13	10	9	3670
4559-36	3	900	15	12	11	5980
4559-42	2	1060	15	12	11	8510

PLIERS FENCING PLIERS

541D

PINCERS, IRON WIRE



- Finish: Black epoxy powder coated, anti-corrosion treated
- Material: High performance alloy steel, handles plastic coated
- Edges are induction hardened and annealed to withstand the high breaking stresses pulling nails etc

			A	B	C	D	E	F	G		
541 D-150	5	150	16	45	20.5	1.5	7.0	20.5	2.0	230	
541D-180	5	180	21	52	21.5	2	8.0	21.5	2.0	265	
541 D-200	5	200	24	53	23	1.5	9.0	23	2.5	385	
541D-225	5	225	27	58	26	2	12.0	26	2.5	484	
541 D-250	5	250	20	55	29	2	12.0	29	2.5	630	



SCREWDRIVERS

ERGO SCREWDRIVERS _____ 64

RATCHETING SCREWDRIVERS _____ 65

BITS SETS 1/4" _____ 66



SCREWDRIVERS ERGO™

BE-9881 ERGO™ ERGO™ SCREWDRIVER SET, 6 PIECES



- ERGO™ screwdriver set, 6 pieces
- For slotted and Phillips head screws
- In cardboard box



Icon	Quantity	Weight (g)
	1	450
	1	
	6	

BE-8020, BE-8040		
BE-8150, BE-8155		
BE-8610, BE-8620		

BE-9885 ERGO™ ERGO™ SCREWDRIVER SET, 5 PIECES



- ERGO™ screwdriver set, 5 pieces
- For TORX® head screws
- In cardboard box



Icon	Quantity	Weight (g)
	1	355
	1	
	5	

BE-8910, BE-8915, BE-8920, BE-8925, BE-8930		
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BE-9882SL ERGO™ ERGO™ INSULATED SCREWDRIVER SET WITH SLIM BLADES, 5 PIECES



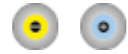
- ERGO™ Insulated screwdriver set with SLIM blades, 5 pieces
- For slotted and Pozidriv head screws
- In cardboard box



Icon	Quantity	Weight (g)
	1	450
	1	
	5	

BE-8220SL, BE-8040SL, BE-8050SL		
BE-8810SL, BE-8820SL		

BE-9882 ERGO™ ERGO™ SCREWDRIVER SET, 6 PIECES



- ERGO™ screwdriver set, 6 pieces
- For slotted and Pozidriv head screws
- In cardboard box



Icon	Quantity	Weight (g)
	1	450
	1	
	6	

BE-8020, BE-8040		
BE-8150, BE-8155		
BE-8810, BE-8820		

BE-9881SL ERGO™ ERGO™ INSULATED SCREWDRIVER SET WITH SLIM BLADES, 5 PIECES



- ERGO™ Insulated screwdriver set with SLIM blades, 5 pieces
- For slotted and Phillips head screws
- In cardboard box



Icon	Quantity	Weight (g)
	1	450
	1	
	5	

BE-8220SL, BE-8040SL, BE-8050SL		
BE-8610SL, BE-8620SL		

BE-9881TB ERGO™ ERGO™ THROUGH BLADE SCREWDRIVER SET



- ERGO™ through blade screwdriver set
- For slotted and Phillips head screws, hexagonal shank
- In cardboard box



Icon	Quantity	Weight (g)
	1	750
	1	
	6	

BE-8135TB, BE-8145TB, BE-8150TB, BE-8155TB		
BE-8610TB, BE-8620TB		

SCREWDRIVERS ERGO™

BE-9875 ERGO™ SCREWDRIVER SET, 13 PCS



- ERGO™ screwdriver set, 13 pcs
- For slotted, Phillips, Pozidriv and TORX®
- In cardboard box



Icon	Quantity	Weight (g)
	1	975
	1	
	13	

BE-8040		
BE-8150, BE-8155		
BE-8621		
BE-8811, BE-8821		
BE-8910, BE-8915, BE-8920, BE-8925		
BE-8010S, BE-8230S		
BE-8810S		

SCREWDRIVERS RATCHETING

BE-9882TB ERGO™ THROUGH BLADE SCREWDRIVER SET



- ERGO™ through blade screwdriver set
- For slotted and Pozidriv head screws, hexagonal shank
- In cardboard box



Icon	Quantity	Weight (g)
	1	750
	1	
	6	

BE-8135TB, BE-8145TB, BE-8150TB, BE-8155TB		
BE-8610TB, BE-8620TB		

BE-9877 ERGO™ SCREWDRIVER SET, 15 PIECES



- ERGO™ screwdriver set, 15 pieces
- For slotted, Phillips, Pozidriv and TORX®
- In cardboard box



Icon	Quantity	Weight (g)
	1	1100
	1	
	15	

BE-8030		
BE-8150		
BE-8611, BE-8621		
BE-8811, BE-8821		
BE-8910, BE-8915, BE-8920, BE-8925		
BE-8220S, BE-8040S, BE-8050S		
BE-8610S, BE-8620S		

808050P PISTOL HANDLE RATCHETING SCREWDRIVER



- Pistol handle ratcheting bit holder screwdriver 1/4"
- Handle: 3-component handle with textured finish for maximum torque and minimum effort
- Handle swivels and locks at 30° position for application of higher torque when necessary. This is especially important in work areas where there is little room to twist the screwdriver and the user's hand
- Locks at 180° for normal operation
- Slide tray that keeps 6 different bits handy and secure: PH 1, PH 2, PZ 1, PZ 2, slotted 4,5 and 5,5
- Magnetic blade secures bit in screwdriver and makes bit changing easy
- Smooth ratcheting stroke, allowing three position ratchet mechanism: forward, reverse and neutral

Icon	Quantity	Weight (g)
	50	270
	1	
	135	
	260	



SCREWDRIVERS RATCHETING

808050L

LED LIGHT RATCHETING SCREWDRIVER



- Ratcheting bit holder screwdriver 1/4"
- Handle: 3-component handle with textured finish for maximum torque and minimum effort
- Slide tray that keeps 6 different bits handy and secure: PH 1, PH 2, PZ 1, PZ 2, slotted 4,5 and 5,5
- Magnetic blade secures bit in screwdriver and makes bit changing easy
- Smooth ratcheting stroke, allowing three position ratchet mechanism: forward, reverse and neutral
- Long-lasting LED lights mounted in front casing provide illumination in dark conditions
- 3 batteries & 2 lights. AG-3 4.5V battery type. It meets ROHS requirements
- 808050L-SP1: spare led panel + 3 batteries AG-3, 4.5V

808050L	25	1/4	135	250	215	
808050L-SP1	1					

SCREWDRIVERS BITS SETS 1/4"

59/S54BC

54 PCS BIT SET FOR SLOTTED, PHILLIPS, POZIDRIV, HEXAGONAL, ROBERTSON AND COLOURED TORX® & TORX® TAMPER, HEAD SCREWS



- 54 pcs bit set for Slotted, Phillips, Pozidriv, Hexagonal, Robertson and coloured TORX®, TORX® Tamper, head screws
- Drive: 1/4" DIN 3126-C6.3, ISO 1173
- Finish: Sand blasting
- Material: S2 high alloy steel
- TORX bits are coloured to easily identify the size of the tip

59/S54BC	1	50	184 mm	110 mm	806	

59/S31B

31 PCS BIT SET FOR SLOTTED, PHILLIPS, POZIDRIV, TORX®, HEXAGON HEAD SCREWS, BIT HOLDER AND SOCKET ADAPTOR 1/4"



- 31 pcs bit set for slotted, Phillips, Pozidriv, TORX®, Hexagon head screws, bit holder and socket adaptor 1/4"
- In cardboard packaging
- Drive: 1/4" DIN 3126-C6.3, ISO 1173
- Finish: Sand blasting
- Material: S2 high alloy steel
- 59/S31B-IP: in bulk. Served in a counter display of 12pcs

59/S31B	1	65.35 mm	104.90 mm	40,25	244	

59/S100BC

100 PCS BIT SET FOR SLOTTED, PHILLIPS, POZIDRIV, HEXAGON, ROBERTSON AND COLOURED TORX® & TORX® TAMPER, HEAD SCREWS



- 100 pcs bit set for Slotted, Phillips, Pozidriv, Hexagon, Robertson and coloured TORX®, TORX® Tamper, head screws
- Drive: 1/4" DIN 3126-C6.3; ISO 1173
- Finish: Sand blasting
- Material: S2 high alloy steel
- TORX bits are coloured

59/S100BC	1	184 mm	110 mm	50	857	
59/S100BC-IP	8	28 mm	19 mm	30	6590	

SCREWDRIVERS BITS SETS 1/4"

59S/PH 30P

RUBBER PLASTIC BOX OF 30 PHILLIPS BITS, 25MM



- Drive: 1/4" DIN 3126-C 6,3, ISO 1173
- Finish: Zinc phosphated
- Material: High performance alloy steel
- Application: For all screws applications in trade and industry
- 30 pcs boxed

59S/PH1-30P	1	1	25	180	
59S/PH2-30P	1	2	25	180	
59S/PH3-30P	1	3	25	180	

59S/T 30P

RUBBER PLASTIC BOX OF 30 TORX® BITS, 25MM



- Drive: 1/4" DIN 3126-C 6,3, ISO 1173
- Finish: Zinc phosphated
- Material: High performance alloy steel
- Application: For all screw applications in trade and industry
- 30 pcs boxed

59S/T10-30P	1	T10	2.74	25	180	
59S/T15-30P	1	T15	3.27	25	180	
59S/T20-30P	1	T20	3.86	25	180	
59S/T25-30P	1	T25	4.43	25	180	
59S/T30-30P	1	T30	5.52	25	180	
59S/T40-30P	1	T40	6.65	25	180	

59S/PZ 30P

RUBBER PLASTIC BOX OF 30 POZIDRIV BITS, 25MM



- Drive: 1/4" DIN 3126-C 6,3, ISO 1173
- Finish: Zinc phosphated
- Material: High performance alloy steel
- Application: For all screw applications in trade and industry
- 30 pcs boxed

59S/PZ1-30P	1	1	25	180	
59S/PZ2-30P	1	2	25	180	
59S/PZ3-30P	1	3	25	180	



SOCKETRY & WRENCHES

ERGO SCREWDRIVERS	28
RATCHETING SCREWDRIVERS	29
BITS SETS 1/4"	30

S330
3/8"-1/4" SOCKET SET



- 1/4" and 3/8" socket set
- High performance alloy steel
- ISO 1174
- DIN 3120
- Case: High Density Polythene (HDPE)
- Contents, 34 pcs

S330	6	280	160	70		2040

S380
3/8" SOCKET SET



- 3/8" socket set
- High performance alloy steel
- ISO 1174
- DIN 3120
- Case: High Density Polythene (HDPE)
- Contents, 38 pcs

S380	4	375	215	100		3750

S87+7
SOCKET SETS 1/4", 1/2" + COMBINATION WRENCH



- 1/4" and 1/2" sockets, and combination spanners set
- High performance alloy steel
- Matt finish
- ISO 1174
- DIN 3120
- Case: High Density Polythene (HDPE)
- Contents, 94 pcs

S87+7	375	430	110	9560		2

S910
SOCKET SETS 1/4", 1/2" + COMBINATION WRENCH



- 1/4" and 1/2" sockets, and combination spanners set
- High performance alloy steel
- Matt finish
- ISO 1174
- DIN 3120
- Case: High Density Polythene (HDPE)
- Contents, 92 pcs

S910	2	375	320	110		6880

S138
SOCKET SET, 1/4", 3/8", 1/2", 138 PCS



- 1/4" and 1/2" sockets, and combination spanners set
- High performance alloy steel
- Matt finish
- ISO 1174
- DIN 3120
- Case: High Density Polythene (HDPE)
- Contents, 138 pcs
- 12 pcs 1/4" hexagon sockets: 4, 4.5, 5, 5.5, 6,

S138	2	10580

S290
1/4" SOCKET SET



- 1/4" socket set
- High performance alloy steel
- Matt finish
- ISO 1174
- DIN 3120
- Case: High Density Polythene (HDPE)
- Contents, 29 pcs

S290	6	280	160	70		1300

S81MIX
81 PCS 1/2" + 1/4" SOCKET SET WITH OTHER TOOLS



- 1/4" and 1/2" sockets, combination wrench
- set, bit set and various pliers
- High performance alloy steel
- Matt finish
- ISO 1174
- DIN 3120
- Case: High Density Polythene (HDPE)
- Contents, 81 pcs
- 10 pcs 1/4" hex sockets: 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13 mm

S81MIX	2	375	430	110		7.29

S95
95 PIECES SOCKET SETS 1/4", 1/2". COMBINATION WRENCHES, HEX KEYS AND BITS SET



- 95 pieces Socket sets 1/4", 1/2"
- High performance alloy steel
- Matt finish
- Case: High Density Polythene (HDPE)
- Contents, 92 pcs
- ISO 1174

S95	2	371 mm	321 mm	108 g		741 g

S103

1/4"-1/2" SOCKET SET, WITH COMBINATION SPANNERS, 103 PCS



- 1/4" - 1/2" socket set, with combination spanners, 103 pcs
- High performance alloy steel
- Matt finish
- ISO 1174
- DIN 3120
- Case: High Density Polythene (HDPE)
- Content, 103pcs

S103	1	430	375	110	

S106

SOCKET SETS 1/4", 1/2" + COMBINATION WRENCH



- 1/4" and 1/2" sockets, and combination spanners set
- High performance alloy steel
- Matt finish
- ISO 1174
- DIN 3120
- Case: High Density Polythene (HDPE)
- Contents, 106 pieces

S106	2	375	430	110	9540	

SL34

34 PIECES, 3/8" SOCKET SET WITH SLIM RATCHET



- 3/8" Socket Set
- High performance alloy steel
- Matt finish
- Contents, 34 pcs

SL34	2	280	158	70	1913

S18HEX

18 PIECES 1/2" SOCKET SET WITH HEXAGONAL BITS. SHORT AND LONG BITS, FROM 4 TO 17 MM HEXAGONAL BITS



- 18 pieces 1/2" socket set with hexagonal bits
- High performance alloy steel
- Matt finish
- Content, 18 pieces
- 9 pcs 1/2" sockets with hexagonal short bits: 4, 5, 6, 7, 8, 10, 12, 14, 17 mm
- 9 pcs 1/2" sockets with hexagonal long bits: 4, 5, 6, 7, 8, 10, 12, 14, 17 mm
- Long sockets are 130 mm long
- ISO 1174
- DIN 3120
- Case: ABS, 370x210x100 mm

S18HEX	4	370	210	100	1400	

SL25

1/4" SOCKET SET



- 1/4" Socket set
- High performance alloy steel
- Matt finish
- ISO 1174
- DIN 3120
- Case: High Density Polythene (HDPE), 35x165x85 mm
- Contents, 25 pieces
- SB: retail packaging

SL25	20	35	165	85	235	
SBSL25	5	280	205	55	580	

S18TORX

18 PIECES 1/2" SOCKET SET WITH TORX BITS. FROM T20 TO T60 TORX BITS, SHORT AND LONG.



- 18 pieces 1/2" socket set with TORX bits
- High performance alloy steel
- Matt finish
- Content, 18 pieces
- 9 pcs 1/2" sockets with short TORX bits: T20, T25, T27, T30, T40, T45, T50, T55, T60
- 9 pcs 1/2" sockets with long TORX bits: T20, T25, T27, T30, T40, T45, T50, T55, T60
- ISO 1174
- DIN 3120
- Case: High Density Polythene (HDPE)

S18TORX	4	371	211	100	2700	

S9HEX

9 PIECES 1/2" SOCKET SET WITH HEXAGONAL BITS. FROM 4 TO 17 MM HEXAGONAL BITS



- High performance alloy steel
- Matt finish
- Content, 9 pieces
- 9 pcs 1/2" sockets with hexagonal bits: 4, 5, 6, 7, 8, 10, 12, 14, 17 mm
- ISO 1174
- DIN 3120
- Case: ABS, 195x46x130 mm part number SPAR-CASE-A5

S9HEX	4	195	130	46	1106	

S9TORX

9 PIECES 1/2" SOCKET SET WITH TORX BITS. FROM T20 TO T60 TORX BITS



- 9 pieces 1/2" socket set with TORX bits
- High performance alloy steel
- Matt finish
- Content, 9 pieces
- 9 pcs 1/2" sockets with TORX bits: T20, T25, T27, T30, T40, T45, T50, T55, T60
- ISO 1174
- DIN 3120
- Case: ABS, 195x46x130 mm part number SPAR-CASE-A5

S9TORX	4	195	130	46	902	



SOCKETRY&WRENCHES SOCKET SETS

9029-9035 ergo®

90 SERIES ADJUSTABLE WRENCH, WIDE JAWS



- Adjustable wrenches developed according to the scientific ERGO™ process
- Special adjustable wrenches with extra wide jaw opening
- Standards: ISO 6787, DIN 3117, ASME B107.8M-2003 and BS 6333
- High performance alloy steel
- Comfortable non-slip thermoplastic grip handle
- Scale in mm for pre-adjusting and accurate measurement
- The jaw does not fall out even at maximum opening of the wrench
- Wider opening jaw and shorter handle than a standard wrench
- Head combines slimness for accessibility with strength for performance
- Left turning screw
- Black finish, precision-hardened and anti-corrosion treated

			A	B	C	D	
9029	5		170	32	5	12	220
9031	5		218	38	6	13	340
9033	5		270	46.5	8	18	525
9035	5		324	55.6	9.5	21.5	825

111M/SH12

COMBINATION WRENCH SET, METRIC



- Set of combination wrenches
- Packaging: Plastic holder

111M/SH12	1	12	1050

111M-8, 111M-9, 111M-10, 111M-11, 111M-12, 111M-13, 111M-14, 111M-15, 111M-16, 111M-17, 111M-18, 111M-19

111M/SH5

COMBINATION WRENCH SET 5 PCS, METRIC



- Set of 5 combination wrenches
- Packaging: Plastic holder

111M/SH5	1	5	520

111M-8, 111M-10, 111M-13, 111M-17, 111M-19

METAL CUTTING

HANDS HACKSAWS FRAMES _____ 28

FILES & RASPS _____ 29



METAL CUTTING HAND HACKSAW FRAMES

325 **ergo** PROFESSIONAL HAND HACKSAW FRAME



- Hacksaw frame developed according to the scientific ERGO™ process
- Professional hacksaw frame with unique design
- Ergonomically designed soft grip handles
- Solid aluminium frame that allows very high blade tension for straight and accurate cuts
- Centred blade for balance and precision
- Quick-change blade tensioning mechanism with blade retaining spring for quick and easy blade change
- Alternative 55° blade mounting for flush cutting
- Supplied with the 300 mm (12'') reliable and shatterproof Sandflex® bi-metal blade 24 TPI for excellent cutting performance

325	5	300	720

317 HACKSAW FRAME



- A comfortable hacksaw frame for all-round use, slim design improves access in confined spaces and makes storage easy
- Special grip at the front provides good support for the guiding hand for superb performance
- Alternative 90° blade mounting for flush cutting
- Supplied with the 300 mm (12'') reliable and shatterproof Sandflex® bi-metal blade 24 TPI for excellent cutting performance

317	10	432	470

268 MINI HACKSAW

- Junior hacksaw with zinc plated solid steel profile frame
- Fibreglass reinforced handle for comfortable grip
- Practical and simple blade tensioning device
- Complete with 150 mm (6'') 32 TPI metal cutting blade

268	5	150	180



319 PROFESSIONAL HAND HACKSAW FRAME

- A professional hacksaw frame
- Comfortable soft grip handles
- Steel tube core with plastic covering allows high blade tension for straight and accurate cuts
- Alternative 55° blade mounting for flush cutting
- Supplied with the 300 mm (12'') reliable and shatterproof Sandflex® bi-metal blade 24 TPI for excellent cutting performance

319	5	300	510

320 TRADITIONAL HAND HACK SAW FRAME



- A top-of-the-line traditional hacksaw frame with comfortable soft grip handle and extra depth allowing thicker materials to be cut
- Special grip at the front provides good support for the guiding hand for superb performance
- Alternative 90° blade mounting for flush cutting
- Supplied with the 300 mm (12'') reliable and shatterproof Sandflex® bi-metal blade 24 TPI for excellent cutting performance

320	10	504	820



METAL CUTTING HAND HACKSAW FRAMES

3906 HAND HACKSAW BLADES

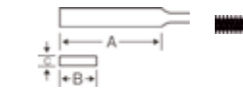


- A Virtually unbreakable and shatterproof
- Excellent wear properties from the super high speed steel tooth strip on a flexible back
- A superior blade to All Hard high speed and conventional flexible blades
- The virtually unbreakable and shatterproof Bi-Metal blade with precision teeth for all kinds of metal sawing
- With a blade back of strong, flexible spring steel and a tooth line in high-alloyed super high speed steel, this blade is guaranteed to keep its sharpness for a long time
- The Sandflex® blade combines extreme cutting performance and wear resistance with a high degree of flexibility and is vastly superior to all-hard high speed blades or conventional, flexible blades
- Packaging: -100 : 10 bundles of 10 blades in black, plastic box with transparent cover-10P: 10 blades in a special package with hanging loop-5P: 5 blades in a special package with hanging loop-3P: 3 blades, 1 each of 18, 24 and 32 TPI, in plastic pouch, box of 10 packs-2P: 2 carded blades, box of 10 packs
- 3818-300-PROG, have a progresiv tothing from 18-28 TPI

		L	W	H		
3906-250-18-100		250 mm	13 mm	0.65 mm	18	15 g
3906-250-18-100		250 mm	13 mm	0.65 mm	18	15 g
3906-250-24-100		250 mm	13 mm	0.65 mm	24	15 g
3906-250-32-100		250 mm	13 mm	0.65 mm	32	15 g
3906-300-14-100		300 mm	13 mm	0.65 mm	14	17 g
3906-300-18-100		300 mm	13 mm	0.65 mm	18	17 g
3906-300-24-100		300 mm	13 mm	0.65 mm	24	17 g
3906-300-32-100		300 mm	13 mm	0.65 mm	32	17 g
3818-300-PROG-100		300 mm	13 mm	0,63 mm	18-28	19 g
3906-300-18-2P		300 mm	13 mm	0.65 mm	18	48 g
3906-300-24-2P		300 mm	13 mm	0.65 mm	24	48 g
3906-300-32-2P		300 mm	13 mm	0.65 mm	32	48 g
3906-300-3P		300 mm	13 mm	0.65 mm	18/24/32	74 g
3906-250-18-5P		250 mm	13 mm	0.65 mm	18	15 g
3906-250-24-5P		250 mm	13 mm	0.65 mm	24	15 g
3906-250-32-5P		250 mm	13 mm	0.65 mm	32	15 g
3906-300-14-5P		300 mm	13 mm	0,65 mm	14	182g
3906-300-18-5P		300 mm	13 mm	0.65 mm	18	84 g
3906-300-24-5P		300 mm	13 mm	0.65 mm	24	84 g
3906-300-32-5P		300 mm	13 mm	0.65 mm	32	84 g
3818-300-PROG-5P		300 mm	13 mm	0,65 mm	18-28	182 g
3906-300-14-10P		300 mm	13 mm	0.65 mm	14	182 g
3906-300-18-10P		300 mm	13 mm	0.65 mm	18	182 g
3906-300-24-10P		300 mm	13 mm	0.65 mm	24	182 g
3906-300-32-10P		300 mm	13 mm	0.65 mm	32	182 g

METAL CUTTING FILES AND RASPS

4-152 **ergo** HOMEOWNER'S FILE FOR WOOD, SINGLE PACK CARDED



- File handle developed according to the scientific ERGO™ process
- Rasp cut: Rough filing of wood, plywood, soft plastics, etc.
- Double cut: Fine filing of metals, iron and plastics, etc.
- Shape: Flat, parallel, with two flat, uncut edges
- One side bastard rasp cut, the other side double second cut

		A	B	C		
4-152-08-2-2	5	200	25	4	1 & 2	180

4-154 **ergo** HOMEOWNER'S SETS 4-152 + 4-153, SINGLE PACK CARDED

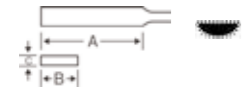


- File handle developed according to the scientific ERGO™ process
- Two files on display card
- Contains one homeowner's file for wood 4-152 and one homeowner's file for metal 4-153
- Type of cut: 1 = Bastard, 2 = Second

		A	B	C		
4-154-08-2-2	10	200	25	4	1 & 2	350

METAL CUTTING FILES AND RASPS

6-342...-2 ergo® HALF ROUND RASPS



- File handle developed according to the scientific ERGO™ process
- For work in wood, plywood, wallboard, plastics and other soft materials
- Shape: Edges and surfaces tapered towards the tip
- Surfaces rasp cut, edges single cut
- Type of cut: 1 = Coarse, 2 = Medium

			A	B	C			
6-342-06-2-2	5	150	15	5	20	2	102	
6-342-08-1-2	5	200	20	6.5	10	1	205	
6-342-08-2-2	5	200	20	6.5	16	2	205	
6-342-10-1-2	5	250	24	8	8	1	330	
6-342-10-2-2	5	250	24	8	12	2	330	

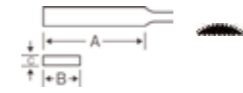
6-344...-2 ergo® HAND RASPS



- File handle developed according to the scientific ERGO™ process
- For work in wood, plywood, wallboard, plastics and other soft materials
- Shape: Edges and surfaces parallel
- Surfaces rasp cut, one edge single cut
- Single pack, carded
- Type of cut: 2 = Medium

			A	B	C			
6-344-08-2-2	5	200	20	6.5	16	2	200	
6-344-10-2-2	5	250	25	7.5	12	2	250	

6-343...-2 ergo® CABINET RASPS



- File handle developed according to the scientific ERGO™ process
- For work in wood, plywood, wallboard, plastics and other soft materials
- Shape: Thin, half round, edges and surfaces tapered towards the tip
- Surfaces rasp cut, edges single cut
- Type of cut: 2 = Medium

			A	B	C			
6-343-08-2-2	5	200	22.5	5.5	16	2	170	
6-343-10-2-2	5	250	27	6	12	2	285	





BAHCO