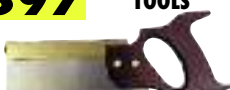
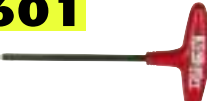


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PLUS MUCH, MUCH MORE...



HAND TOOLS

Product Groups 501 - 603

Product Grading



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**KENNEDY
PROFESSIONAL**

**Cushion Grip
Adjustable Wrenches**

Drop forged chrome vanadium steel with phosphate anti-corrosion finish. Hardened parallel opening jaws are ground and polished, laser etched with metric graduations for rapid repeatable reference setting. The wide grooved profile of the opening mechanism and coarsely knurled adjusting screw ensures smooth adjustment. Slim head profile allows easy access, the contoured jaws improve grip when used on damaged misshaped fasteners. The unique geomatic cushion grip improves user comfort, is resistant to oil and grease to provide a slip free grip. Securely bonded to the I-beam handle sub frame to prevent the ingress of oil and dirt.

Conforms to:

**BS 6333: 1983,
ANSI B107.8: 1977, DIN 3117,
ASME B107.8: 1996.**



**Tapered Jaw For Access Into
Tight Spaces.**

**GROOVED JAW FOR POSITIVE
GRIP EVEN ON WORN SURFACES**



Length (mm)	Jaw Opening	Fastener Range	Weight each	Order Code KEN-501	List Price/1	Offer Price/1
150 (6")	23.9mm	M2-M14 (1/8" - 9/16")	140g	-3060K	£26.96	£17.25
200 (8")	28.6mm	M4-M18 (3/16" - 5/8")	260g	-3080K	£29.32	£18.76
250 (10")	32.8mm	M6-M20 (1/4" - 3/4")	400g	-3100K	£42.22	£27.02
300 (12")	38.1mm	M8-M24 (5/16" - 1")	650g	-3120K	£61.45	£39.33

Kennedy Professional 150mm Wrench
Jaw capacity: 24mm.



**UP TO 20% GREATER JAW
CAPACITY THAN
CONVENTIONAL
ADJUSTABLE WRENCHES**



Conventional 150mm Wrench
Jaw capacity: 20mm.

Twin Pack

**2
PIECES**



Contents	Weight each	Order Code KEN-501	List Price/1	Offer Price/1
200 & 300mm	800g	-0640K	£81.69	£49.01

**KENNEDY
QUALITY INDUSTRIAL TOOLING**

**Extra Wide Jaw
Adjustable Wrench**

Drop forged chrome vanadium steel. Rubber comfort grip handle. Ideal for use in plumbing, installation and automotive applications. Ultra thin head designed for use in confined spaces. Graduated millimetre scale. More than 50% wider jaw compared to conventional adjustable wrenches.

Conforms to: **ISO 6787-1982, ASME
B.107.8M-1996, BS 6333-1995, DIN3117-
1988, JIS B4604-1976.**



Length (mm)	Jaw Opening (mm)	Weight each	Order Code KEN-501	List Price/1	Offer Price/1
200 (8")	38.0	315g	-5080K	£28.32	£18.12

BAHCO

**Extra Wide Jaw
Adjustable Wrench**

Short handle (120mm) for accessibility when working in confined spaces. e.g. under sinks etc. Wide head for maximum jaw opening (32mm). Slimline (6mm) graduated head. Dual material handles for maximum durability and comfort. Phosphate finish with ground jaws.



**32mm JAW
OPENING**

Length (mm)	Product Number	Jaw Opening (mm)	Weight each	Order Code BAH-501	List Price/1	Offer Price/1
165 (6 1/2")	9029	32 (1 1/4")	209g	-5611B	£28.32	£20.39

Combi Grip Adjustable Wrenches

These wrenches have a quick release reversible lower jaw with a serrated side with extra hard teeth for pipe gripping, a strong handle and a phosphated corrosion resistant finish. The smooth adjusting action makes them fast and easy to use.

Conform to: **ISO 6787-1982, ASME B.107.
8M-1996, BS 6333-1995, DIN 3117-1988,
JIS B4604-1976.**



Length (mm)	Jaw Opening (mm)	Weight each	Order Code KEN-501	List Price/1	Offer Price/1
250 (10")	30.0	345g	-4100K	£36.41	£23.30
300 (12")	35.0	890g	-4120K	£45.51	£29.13

Adjustable Wrenches

Phosphated hardened and anti-corrosion treated. Comfortable handle. Pipe grip facility one serrated jaw side may be used as a pipe wrench. Graduated jaw. As per **DIN 3117, BS 6333, ISO 6787, GGG-W6316** Type 1, Class 2 and **ASME B107, 8M-1991.**



*Combination of pipe grip facility, one side serrated, may be used as a pipe wrench.

Length (mm)	Product Number	Jaw Opening (mm)	Weight each	Order Code BAH-501	List Price/1	Offer Price/1
200 (8")	9071P*	25 (1")	275g	-6012C	£32.57	£23.45
250 (10")	9072P*	33 (1 1/4")	430g	-6013D	£42.22	£30.40
300 (12")	9073P*	35 (1 1/2")	745g	-6014E	£61.45	£44.24

ADJUSTABLE WRENCHES

KENNEDY Adjustable Wrenches

Manufactured from high strength 1" beam section chrome or phosphate vanadium steel for improved strength and rigidity, the jaws are heat treated for extended tool life. High polished corrosion-resistant finish. 15° offset head angle for positive torque control. Slimline tapered jaws for improved access into confined spaces. Parallel jaws with smooth jaw adjustment and self-locking design prevents the jaws opening unintentionally even when under full load. Suitable for industrial engineering, automotive, agricultural, maintenance and assembly applications.

Conforms to: **ISO 6787-1982, ASME B.107.8M-1996, BS 6333-1995, DIN3117-1988, JIS B4604-1976.**



Tapered Jaw For Access Into Tight Spaces.

Phosphate Finish



Phosphate Finish

Phosphate Finish

Length (mm)	Jaw Opening (mm)	Torque (kg/cm)	Weight each	Order Code KEN-501	List Price/1	Offer Price/1
100 (4")	17 (21/32")	714	60g	-0040K	£20.62	£13.20
150 (6")	24 (1")	1670	140g	-0060K	£22.22	£14.22
200 (8")	28 (1 1/8")	3100	260g	-0080K	£24.19	£15.48
250 (10")	33 (1 5/16")	5190	400g	-0100K	£31.36	£20.07
300 (12")	38 (1 3/8")	8820	650g	-0120K	£45.65	£29.22
375 (15")	50 (2")	17295	1040g	-0150K	£74.28	£47.54
450 (18")	60 (2 3/8")	23060	1670g	-0180K	£115.94	£74.20
600 (24")	70 (2 3/4")	25000	3300g	-0240K	£239.92	£153.55

Chrome Finish

Length (mm)	Jaw Opening (mm)	Torque (kg/cm)	Weight each	Order Code KEN-501	List Price/1	Offer Price/1
100 (4")	17 (21/32")	714	60g	-1040K	£22.69	£14.52
150 (6")	24 (1")	1670	140g	-1060K	£24.44	£15.64
200 (8")	28 (1 1/8")	3100	260g	-1080K	£26.61	£17.03
250 (10")	33 (1 5/16")	5190	400g	-1100K	£34.50	£22.08
300 (12")	38 (1 3/8")	8820	650g	-1120K	£50.22	£32.14
375 (15")	50 (2")	17295	1040g	-1150K	£81.71	£52.29
450 (18")	60 (2 3/8")	23060	1670g	-1180K	£127.53	£81.62

Phosphate Finish Sets



3 PIECES

2 PIECES

Number of Pieces	Contents	Weight each	Order Code KEN-501	List Price/1	Offer Price/1
3	100, 200 & 300mm	1100g	-0600K	£81.42	£48.85
2	150 & 250mm	540g	-0620K	£48.22	£28.93

Chrome Finish Set



3 PIECES

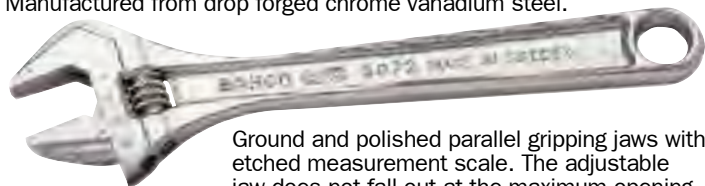
Number of Pieces	Contents	Weight each	Order Code KEN-501	List Price/1	Offer Price/1
3	100, 200 & 300mm	1100g	-1600K	£89.56	£53.74

BAHCO Adjustable Wrenches

Phosphated hardened and anti-corrosion treated. Comfortable handle. Graduated jaw. As per **DIN 3117, BS 6333, ISO 6787, GGG-W6316** Type 1, Class 2 and **ASME B107, 8M-1991.**

'Ergo' Type

Manufactured from drop forged chrome vanadium steel.



Ground and polished parallel gripping jaws with etched measurement scale. The adjustable jaw does not fall out at the maximum opening capacity.

Product Number	Length (mm)	Weight each	Order Code BAH-501	List Price/1	Offer Price/1
8070	150 (6")	135g	-4011B	£21.81	£15.70
8071	200 (8")	255g	-4012C	£24.19	£17.42
8072	250 (10")	400g	-4013D	£31.36	£22.58
B87	770 (30")	5800g	-4018J	£359.77	£259.03

STANLEY FatMax® Ratchet Adjustable Wrenches

NEW

Ratchet jaw eliminates the need to break from the fastener. Forged CrV construction. Patented design. Available in 150mm (6"), 200mm (8"), 250mm (10") and 300mm (12") sizes.



Product Number	Size (mm)	Weight each	Order Code STN-585	List Price/1	Offer Price/1
0-97-544	150 (6")	200g	-8674A	£16.66	£12.16
0-97-545	200 (8")	380g	-8675B	£17.82	£13.01
0-97-546	250 (10")	660g	-8676C	£19.54	£14.26
0-97-547	300 (12")	950g	-8677D	£22.99	£16.78

CONTRACT PRICES AVAILABLE FOR VOLUME PURCHASES

All Prices Exclude V.A.T. © 2012

YAMOTO *Satin Finish
Adjustable Wrenches*

Slimline tapered parallel jaws for improved access into confined spaces with smooth jaw adjustment and self-locking design prevents the jaws opening unintentionally even when under full load. Graduated laser etched jaws for fast repeatable jaw setting and adjustment. Manufactured from 1" beam section chrome vanadium steel for improved strength and rigidity, the jaws are heat treated for extended tool life. Corrosion-resistant satin finish. 22.5° offset head angle for positive torque control. Suitable for marine engineering, automotive, aerospace, agricultural maintenance and assembly applications.

Conform to: **ISO 6787:1982, ASME B.107.8M-1996, BS 6333-199405, DIN3117-1988, JIS B4604-1976.**



Torque Ratings

Conform to **ISO 6787:1982.**

Length (mm)	Jaw Opening (mm)	Torque kg/cm	Weight each	Order Code YMT-501	List Price/1	Offer Price/1
150 (6")	20 (3/4")	1670	140g	-2060K	£17.11	£10.95
200 (8")	25 (1")	3100	260g	-2080K	£18.36	£11.75
250 (10")	30 (1 3/16")	5190	400g	-2100K	£23.80	£15.23
300 (12")	35 (1 3/8")	8820	650g	-2120K	£34.65	£22.18
375 (15")	44 (1 3/4")	17295	950g	-2150K	£57.20	£36.61



Sets

Number of Pieces	Contents	Weight each	Order Code YMT-501	List Price/1	Offer Price/1
2	150 & 250mm	650g	-2400K	£32.73	£19.64
2	200 & 300mm	1020g	-2500K	£42.41	£25.45

SENATOR
QUALITY TOOLING

*Chrome Finish
Adjustable Wrenches*

Manufactured from 1" beam section chrome vanadium steel for improved strength and rigidity, the jaws are heat treated for extended tool life. High polished corrosion-resistant chrome finish. 22.5° offset head angle for positive torque control. Slimline tapered jaws for improved access into confined spaces. Parallel jaws with smooth jaw adjustment and self-locking design prevents the jaws opening unintentionally even when under full load. Suitable for industrial engineering, automotive, aerospace, maintenance and assembly applications.



Torque Ratings

Conform to: **ISO 6787:1982.**

Length (mm)	Torque kg/cm	Weight each	Order Code SEN-501	List Price/1	Offer Price/1
100 (4")	690	60g	-1040K	£14.29	£9.15
150 (6")	1670	140g	-1060K	£15.40	£9.86
200 (8")	3100	260g	-1080K	£16.50	£10.56
250 (10")	5190	400g	-1100K	£21.39	£13.69
300 (12")	8820	650g	-1120K	£31.13	£19.92
380 (15")	17295	1300g	-1150K	£51.48	£32.95
457 (18")	23060	1990g	-1180K	£80.35	£51.42

Chromed Drop Forged Adjustable Wrenches

Tapered jaws for improved access into confined spaces. Smooth jaw adjustment. Graduated laser etched jaw for fast jaw setting. Manufactured from chromed drop forged steel.

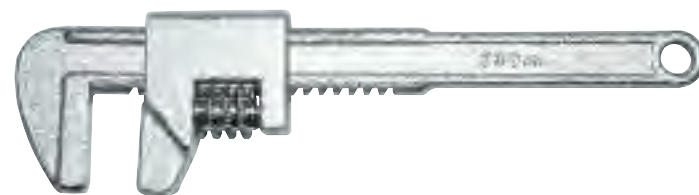


Size	Jaw Opening	Weight each	Order Code SEN-501	Offer Price/1
150mm (6")	20mm	140g	-4060K	£5.18
200mm (8")	24mm	280g	-4080K	£7.28
250mm (10")	30mm	435g	-4100K	£9.88
300mm (12")	34mm	720g	-4120K	£11.22

**Chromed Drop Forged
General Purpose Wrench**

Made from fully chrome plated drop forged steel. Jaw opening capacity 68mm. 90° sliding jaw.

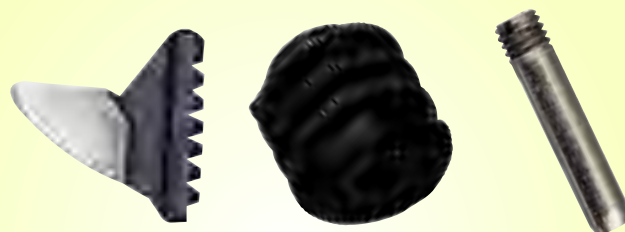
Overall length: 230mm.



Length (mm)	Jaw Opening (mm)	Weight each	Order Code SEN-501	Offer Price/1
230 (9")	68	500g	-5100K	£7.67

KENNEDY *Service
Kits*

Consisting of replacement jaw, knurl and pin.

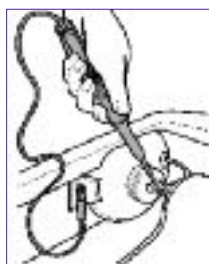


Finish	Wrench Size (mm)	Weight each	Order Code KEN-567	Offer Price/1
Phosphate	150 (6")	25g	-0060K	£5.58
	200 (8")	55g	-0080K	£6.08
	250 (10")	90g	-0100K	£7.88
	300 (12")	130g	-0120K	£11.47
	375 (15")	250g	-0150K	£18.64
	450 (18")	365g	-0180K	£29.12
Chrome	600 (24")	420g	-0240K	£60.70
	100 (4")	20g	-1040K	£5.80
	150 (6")	25g	-1060K	£6.13
	200 (8")	55g	-1080K	£6.67
	250 (10")	90g	-1100K	£8.67
	300 (12")	130g	-1120K	£12.61
	375 (15")	250g	-1150K	£20.51
	450 (18")	365g	-1180K	£32.03
	600 (24")	420g	-1240K	£66.78



Circuit Continuity Tester

For testing circuit continuity on non-live systems. Locates broken circuits in fuses, switches, sockets and wires. 1m lead. Super sharp tempered steel probe to test through wire insulation.



45mm		210mm	
Requires AA battery (not supplied).		Model Number	Weight each
		KEN-503	90g
		Order Code	List Price/1
		CCT001	£14.02
			Offer Price/1
			£8.69

Standard Circuit Tester

Suitable for use with power on. For 6 and 12V automotive systems only. Locates shorts, earth and open circuits. 1m lead. Super sharp tempered steel probe to test through wire insulation.

Probe length: 45mm.

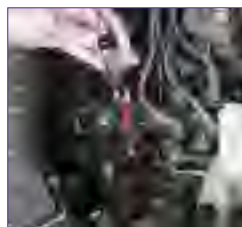
45mm		210mm	
		For use on 6 and 12V	

Model Number	Weight each	Order Code	List Price/1	Offer Price/1
SCT012	80g	-1020K	£10.96	£6.80

Commercial Duty Circuit Tester

Suitable for use with power on. For 6, 12 and 24V automotive systems only. Locates shorts, earths and open circuits. 1.4m heavy duty lead with spring strain relief. Super sharp stainless steel probe to test through wire insulation.

Probe length: 100mm.



100mm		230mm	
		For use on 6, 12 and 24V	

Model Number	Weight each	Order Code	List Price/1	Offer Price/1
CDT024	215g	-1060K	£23.10	£14.32

Long Probe Circuit Tester

Suitable for use with power on. For 6 and 12V automotive systems only. Locates shorts, earth and open circuits. 1.7m heavy-duty lead with spring strain relief. Super sharp tempered steel probe to test through wire insulation.

Extra long probe length: 180mm.

50mm		130mm		300mm	
				For use on 6 and 12V	

Model Number	Weight each	Order Code	List Price/1	Offer Price/1
XCT012	245g	-1040K	£18.95	£11.75



Circuit Tester

Durable polycarbonate handle with internal bulb, steel contact probe and 1.5m heavy-duty rubber insulated lead fitted with sheathed crocodile clip.

90mm		202mm	
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Product Number	Range (DC Volts)	Weight each	Order Code	List Price/1	Offer Price/1
014900	6, 12, 24	160g	-1029Q	£19.95	£15.76

Standard Automotive Fuse Set

An assortment of standard automotive bladed fuses supplied in transparent storage box. Colour coded transparent fuse bodies. Rated to 32V.

Fuse material: Zinc.

Contents:

Plug-in fuse type: 3A, 5A, 7.5A, 15A, 20A, 30A (15 of each).

Plug-in fuse type: 10A (30pcs).



**120
PIECES**



Number of Pieces	Order Code	List Price/1	Offer Price/1
120	-9900K	£14.51	£9.00

High Amp Maxi Fuse Set

An assortment of Maxi (High Amp) automotive bladed fuses supplied in a transparent storage case.

Colour coded transparent fuse bodies.

Fuse voltage rating: 32V.

Fuse material: Zinc.

Contents:

Fuse types: 20A, 30A, 40A, 50A, 60A, 70A, 80A, 100A (6 of each).

**48
PIECES**



Number of Pieces	Order Code	List Price/1	Offer Price/1
48	-9920K	£51.97	£32.22

Quick Splice Set

For fast, simple and strong splicing of automotive electrical wires. Easy-to-use, no wire strippers or crimpers required.

Maximum electrical rating:

600 Volts.

Maximum temperature:

105°C.

Terminal material:

Brass.

Plating: Tin

Insulation.

Material: PP.

Contents:

Red: 0.5mm²

x 1.0mm²

(25pcs).

Blue: 1.5mm²

x 2.5mm²

(25pcs).



Number of Pieces	Order Code	List Price/1	Offer Price/1
50	-9930K	£10.05	£6.23

KENNEDY
QUALITY INSULATED CABLES

**Battery
Booster Cable**



For use on cars and light commercial vehicles.
Easy starting with low power loss. Tangle-free copper
cable with double insulation.
Robust fully insulated colour coded clamps.

Light Duty

Suitable for 12 and 24V systems. 3m cable.
16mm² multi-stranded cable core rated to 220amps.



220amps

All Kennedy booster
cables are supplied with a
heavy-duty storage bag.

Medium Duty

Suitable for 12 and 24V
systems. 3.5m cable.
25mm² multi-stranded
cable core rated to
350amps.



350amps

Heavy Duty

Suitable for 12 and 24V
systems. 4.5m cable.
35mm² multi-stranded
cable core rated to
480amps.



480amps

Model Number	Amp Rating	Weight each	Order Code KEN-503	List Price/1	Offer Price/1
BCC 16	220	1.80kg	-5200K	£29.95	£18.57
BBC 25	350	3.30kg	-5250K	£59.95	£37.17
BBC 35	480	4.30kg	-5280K	£84.95	£52.67

SIP
SPECIALIST INDUSTRIAL PRODUCTS

**Professional
Battery Charger**

Chargestar

Powerful and portable professional battery chargers.
Reverse polarity protection. Ammeter display shows charge levels.
Thermal overload protection.
Ideal for heavy duty garage
and workshop use.
Supplied
complete with
cables and
heavy duty
crocodile
clips.



**MADE IN
ITALY**

Model Number	Voltage	Charging Amps	Order Code SIP-494	List Price/1	Offer Price/1
25072	6/12V	5A-35AH	-3200A	£91.79	£73.43
25073	6/12V	7A-70AH	-3206G	£118.98	£95.18
25074	12/24V	15A-110AH	-3207H	£138.98	£111.18
25075	6/12/24V	25A-180A	-3210L	£272.98	£218.38

Professional Starter Chargers

Startmaster

Ideal for the busy automotive workshop.
Professional quality. 12/24V output.
Three charge settings. Full overload short
circuit and reverse polarity protection.
Tough steel case. Wheel mounted.

25076

20A maximum charging current.

25077

30A maximum charging current.

25079

35A maximum charging current.

25080

40A maximum charging current.

25082

50A maximum charging current,
a remote start for one man
operation and built-in timer.



**MADE IN
ITALY**

Model Number	Max. Start Current	Weight each	Order Code SIP-494	List Price/1	Offer Price/1
25076	165A	7.0kg	-3220A	£182.98	£146.38
25077	210A	11.0kg	-3240B	£249.98	£199.98
25079	250A	19.0kg	-3260C	£357.98	£286.38
25080	350A	24.0kg	-3290R	£413.98	£331.18
25082	500A	30.0kg	-3310F	£541.49	£433.19

12/24V Battery Chargers

For heavy-duty commercial and garage use, with normal, fast and
starter boost modes. Built-in voltmeters.



adamy **6 & 12V
Battery Chargers**

For home, garage and workshop use, with normal, fast and starter
boost modes. Built-in voltmeters.



Model Number	Voltage	Battery Size	Order Code ADY-503	List Price/1	Offer Price/1
XS800	6/12V	50-80Ah	-7080H	£75.99	£56.23
XS500	12V	10-45Ah	-7050E	£66.99	£49.57

Model Number	Current	Battery Size	Order Code ADY-503	List Price/1	Offer Price/1
ZE1800	18amp	180Ah	-8180M	£214.99	£159.09
ZS3024	30amp	360Ah	-8340R	£245.99	£182.03



Chargestar Smart 16 Automatic Battery Charger

NEW

03945

Smart digital charger for regular, GEL or AGM batteries. Automatic unit with auto-voltage detection with two charge rate settings.

Supply: 230V (13amp)
Charging voltages: 6V/12V.
Max. charging current: 10amp maximum charging current.



Model Number	Voltage	Charging Amps	Weight each	Order Code	List Price/1	Offer Price/1
03945	6/12V	10A	3.6kg	SIP-494 -3314K	£57.49	£45.99

Professional Booster Packs

Designed for jump starting engines. Heavy-duty extra long insulated booster clamps and copper cables. Surge protection. Outer casing constructed of impact resistant plastic. Two year warranty (excluding the battery). Rapid mains charger included. Peak tension protection. Recharging indicator. 12V DC output socket.

Pro Booster 1601

12V 1600 amp peak boost rate.
1.5 amp automatic charger.
28mm² copper cables.
1.7m long cables.
LED charge indicators.

Pro Booster 3201

12/24V 3200/1600 amp peak boost rate. With surge protection. Four amp automatic charger. 40mm² copper cables and heavy duty clamps. Extra fast charger. Digital charge display.



Model Number	Voltage	Peak Amps	Order Code	List Price/1	Offer Price/1
07183	12V	1601	SIP-494 -7203A	£346.98	£277.58
07184	12/24V	3201	-7203K	£878.49	£702.79

Rescue Packs

12V DC output socket. LED charge indicators Automatic charging with float/cut. Heavy duty insulated booster clamps and copper cables. Fast mains charger. Peak tension. Surge protection. Heavy duty battery. 1 year battery warranty.

03934 1000amp boost peak rate. 400amp cranking rate. 17Ah battery capacity.

03936 1600 amp boost peak rate, 700amp cranking rate. 22Ah battery capacity.



EXTENDED RANGE

SWISS MADE

Product Number	Charging Amps	Order Code	List Price/1	Offer Price/1
03934	1000A	SIP-494 -3313V	£163.98	£131.18
03936	1600A	-3313X	£204.98	£163.98



Battery Fluid Tester

Tests 6, 12 and 24 volt batteries. Tough glass tube construction with colour coded float for easy reading which indicates the state of charge in each cell. Displays the specific gravity with a scale range of 1.100 to 1.300.



Product Number	Scale Range	Order Code	List Price/1	Offer Price/1
BFT624	1.1-1.3	KEN-503 -1120K	£8.25	£5.12

Battery & Alternator Tester

Indicates condition of battery and the output of an alternator. For automotive use on 12V DC systems only. Magnetic back.



0.8m long cable leads.

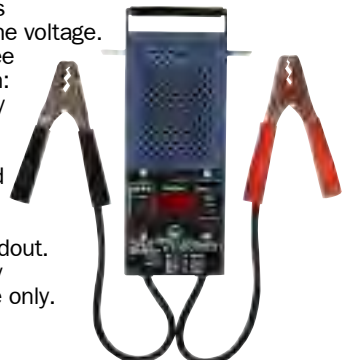


Test Voltage	Cable Length	Order Code	List Price/1	Offer Price/1
12V	0.8m	KEN-503 -1080K	£16.95	£10.51



Digital Battery Tester

100 amp digital battery load tester/charging system analyser. Microprocessor controlled design guaranteed an easy and accurate load test - no need to time yourself. Bright LED digital display indicates both voltage and test result. Automatically turns off the load after 10 seconds and latch the voltage. Unique three step design: LED polarity checking function, battery load test and charging system readout. 12V battery system use only.



Battery	Order Code	List Price/1	Offer Price/1
12V	ALD-503 -3130N	£48.18	£38.54

Data Saver Pro - 12V

Prevent data loss in onboard electronic systems when changing the battery. Dual inputs and outputs - use with cigar lighter or battery clamps. Surge protection on output. Ready indication - checks cigar lighter fuse on both vehicles. Audible spike indication.



Voltage	Order Code	List Price/1	Offer Price/1
12V	ALD-503 -3050E	£41.00	£32.80



Battery Fluid Tester

For testing the charge state of lead acid batteries by measuring the specific gravity of battery acid. Simple to use hydrometer type instrument with glass tube and float, rubber syphon and probe.



Product Number	Weight each	Order Code	List Price/1	Offer Price/1
032005	225g	SYK-503 -1519M	£11.95	£9.44

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KENNEDY 7-Piece Panel Beating Set

Supplied in a high quality fitted blow moulded impact resistant case. Drop forged, high carbon steel hammers with ground heads and cheeks. Hickory, octagonal section shafts. 1x: curved, utility, heel and toe dolly. 1x: 12oz shrinking hammer and flat faced bumping hammer, 1x 10oz round finishing pick.



Group 525

**7
PIECES**



No. of Pieces	Weight each	Order Code	List Price/1	Offer Price/1
7	7.40kg	KEN-503 -7650K	£134.95	£83.67

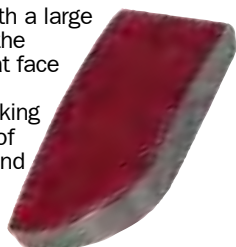
Spares		Order Code	List Price/1	Offer Price/1
Description		KEN-593 -2980K	£13.23	£9.26
Replacement Case				

Panel Beating Dollies

Manufactured from drop forged medium carbon steel (SAE/AISI 1055). Heat-treated with a polished mirror finish.

Grid Dolly

For shrinking work. With a large crowned grid face on the surface and a plain flat face on the base this dolly, combined with a shrinking hammer and the use of heat, provides quick and effective shrinking.



Length (mm)	Weight per 6	Order Code	List Price/1	Offer Price/1
120	7.10kg	KEN-503 -7500K	£30.37	£18.83

Utility Dolly

Double-sided multi-purpose. Use the edge most suited to the size and shape of a damaged flange.



Length (mm)	Weight per 6	Order Code	List Price/1	Offer Price/1
64	7.50kg	KEN-503 -7540K	£21.96	£13.62

Curved Dolly

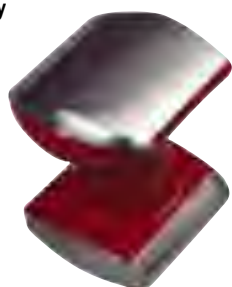
For raising low spots on panels. The edge can also be used to restore the shape of a roof and reform beads.



Length (mm)	Weight per 6	Order Code	List Price/1	Offer Price/1
132	7.10kg	KEN-503 -7580K	£23.99	£14.87

Double-End Hand Dolly

For reshaping crowned panels and general panel beating.



Length (mm)	Weight per 6	Order Code	List Price/1	Offer Price/1
75	6.90kg	KEN-503 -7520K	£22.70	£14.07

Toe Dolly (Low Crown Dolly)

For reshaping. Can be used in the hand to deliver a series of blows to the underside of the panel. Long crown enables use in hard to reach areas.



Length (mm)	Weight per 6	Order Code	List Price/1	Offer Price/1
120	8.50kg	KEN-503 -7560K	£21.85	£13.55

Heel Dolly

For general reshaping of contoured panels, raising low spots and general panel beating.



Length (mm)	Weight per 6	Order Code	List Price/1	Offer Price/1
81	5.80kg	KEN-503 -7600K	£18.74	£11.62

Dent Puller Set

For repairing dents in body panels. Supplied complete with self tapping pull screw for use where access to the rear of the panel is blocked by reinforcements or other parts, a range of steel hooks and pull curls for pulling the edges of panels and a chain and hook. The long hammer shaft allows the pulling/striking force to be precisely controlled.

Contents: (1x)

hammer (10lbs cast iron), 22.5Ø x 500 and 22.5Ø x 200mm pipes, 2 hole pipes, 6 x 170, 6 x 120, 6 x 200 and 3mm x 100mm plates, chain and hook, hex nut and blow moulded storage case.



**9
PIECES**



Model Number	Weight each	Order Code KEN-503	List Price/1	Offer Price/1
DP9	9.00kg	-3460K	£56.58	£35.08

Trim Pin Remover

Designed for removing vehicle trim panels and upholstery. Also used for replacing door locks, window mechanisms and general bodywork repairs.



Overall Length	Weight each	Order Code KEN-503	List Price/1	Offer Price/1
230mm	155g	-1500K	£16.21	£10.05

AUTOMOTIVE - BODY REPAIR

**GROUP
503**

3 Piece Panel Seam Splitter Set

Ideal for separating spot-welded panels during repairs. Stainless steel coated chrome vanadium with through tang shafts allow use with hammers. Dual material soft grip handles for comfort and control. Includes 90°, curved and straight seam splitters. Cushioned handle absorbs any shock from hammer blows. Made from super tough alloy steel.

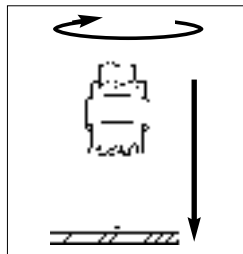
**3
PIECES**



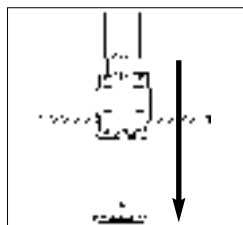
Number of Pieces	Weight each	Order Code KEN-503	List Price/1	Offer Price/1
3	94g	-7710K	£67.73	£41.99

Spot Weld Remover

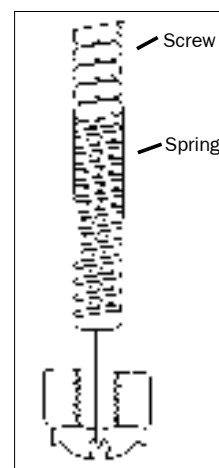
Suitable for cutting holes in steel metal, steel, plastic and brass. The hardened steel cutter is reversible increasing tool life. adjusting the spring loaded centre point, screw accurately controls the depth of cut. Allowing the top to be removed whilst leaving the lower panel in place.



Spring loaded centre point guides cutter crown onto spot weld.



Cutting depth by screw permits top panel to be removed leaving the lower panel.



Fine adjustment of cutting depth by screw.



Capacity (mm)	Shank (mm)	Maximum Rated Operating Speed	Weight each	Order Code KEN-503	List Price/1	Offer Price/1
10	6.5	900rpm	30g	-1200K	£16.95	£10.51



Trim Remover Set

5-piece set of angled lever tools designed for the safe and undamaged removal of trim and trim stud panels. Manufactured from hi-tech resilient plastic that avoids marking and scratching to polished metal, wood or leather trims.

**5
PIECES**



Product Number	Weight each	Order Code SYK-503	List Price/1	Offer Price/1
045500	360g	-1843B	£14.95	£11.81

HAND TOOLS

CONTRACT PRICES AVAILABLE FOR VOLUME PURCHASES

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KENNEDY
QUALITY EQUIPMENT FOR THE

Hydraulic Body Repair Kits

Porta Power with Ram & Spreader

Used for clamping, pulling, bending, straightening, spreading and lifting operations. Snaps together. Heavy duty hand pump has automatic overload feature. Tough, blow moulded case. Strong flexible hose with spring guards at both ends. 10,000PSI hydraulic hand pump, ½ Tonne ram and spreader.



Kit Size	Stroke Length	Order Code KEN-503	Offer Price/1
4 Tonne	100mm	-7240K	£111.57
10 Tonne	150mm	-7260K	£161.17

Body Repair Kit Spares

Description	Size	4 Tonne		10 Tonne	
		Order Code KEN-567	Offer Price/1	Order Code KEN-567	Offer Price/1
Spreader Ram	-	-8240K	£104.20	-	-8240K £104.20
Spreader Ram Repair Kit	-	-8250K	£4.58	-	-8250K £4.58
Small Extension Tube	100mm	-8280K	£14.90	125mm	-8420K £31.02
Medium Extension Tube	200mm	-8290K	£19.78	250mm	-8430K £42.15
Long Extension Tube	305mm	-8300K	£26.03	355mm	-8440K £52.06
Extra Long Extension Tube	410mm	-8310K	£31.02	480mm	-8450K £62.04
Double Ended Male Snap Connector	-	-8320K	£9.90	-	-8460K £19.78
Flat Base	114x63mm	-8330K	£17.36	150x95mm	-8470K £39.69
90° 'V' Base	-	-8340K	£9.90	-	-8480K £19.78
Wedge Head	-	-8350K	£8.68	-	-8490K £17.36
Spread Plunger Toe	-	-8360K	£11.13	-	-8500K £26.03
Spreader Ram Toe	-	-8370K	£14.90	-	-8510K £27.25
Rubber Head	67mm ø	-8380K	£14.90	75mm ø	-8520K £22.34
Serrated Saddle	35mm ø	-8390K	£8.68	46mm ø	-8530K £14.90
Seal Repair Kit	-	-8000K	£5.72	-	-8020K £7.77
Replacement Blow Mould Case	-	-8400K	£42.16	-	-8540K £61.88

Single Speed Hydraulic Hand Pumps

Rugged construction with an internal overload valve, a pressure rating of 10,000 PSI (700 Bar) and a ¼ NPT thread size. Operates in a vertical and horizontal position.



Model Number	Pressure Rating PSI (Bar)	Usable Oil Capacity	Oil Volume Per Stroke	Oil Port Thread	Length (mm)
HPS035	10,000 (700)	350cc	3.2cc	¼ NPT	292
HPS060	10,000 (700)	600cc	3.2cc	¼ NPT	478

Model Number	Weight each	Order Code KEN-503	List Price/1	Offer Price/1
HPS035	5.70kg	-8800K	£114.70	£71.11
HPS060	7.10kg	-8820K	£132.16	£81.94

Spares

Description	Order Code KEN-567	Offer Price/1
Connection Hose (1500mm x ¼" NPT)	-8120K	£37.08
Repair kit for HPS035	-8050K	£10.23
Repair kit for HPS060	-8060K	£10.23

Hydraulic Push Rams

Rugged construction with a heavy-duty return spring. Chrome plated piston inhibits rusting. ¼ NPT thread size. Accessories easily snap on.



Model Number	Capacity (Tonne)	Stroke (mm)	Oil Cap (cc)	Cylinder Bore dia.	Length Ret. Ext.	Outside dia. Piston Ram	Oil Port Thread
HRP004	4	100	65	28.5mm	230 330	22 38	¼ NPT
HRP010	10	150	243	45.0mm	325 475	33 57	¼ NPT

Model Number	Weight each	Order Code KEN-503	List Price/1	Offer Price/1
HRP004	1.80kg	-7170K	£83.95	£52.05
HRP010	5.30kg	-7190K	£109.95	£68.17



Twin Speed Hydraulic Hand Pumps

Rugged construction. Internal overload valve prevents it from being used beyond rated capacity. Operates in a vertical and horizontal position. Pressure rating 10,000 PSI (700 Bar). ⅜ NPT thread size. Pump handle locks into place to be used as a carrying handle.



Model Number	Pressure Rating PSI (Bar)		Usable Oil Capacity	Oil Volume Per Stroke		Oil Port Thread	Length (mm)
	Stage 1	Stage 2		Stage 1	Stage 2		
HPT035	200 (13.8)	10,000 (700)	350cc	7.0cc	1.0cc	⅜ NPT	310
HPT070	200 (13.8)	10,000 (700)	600cc	13.0cc	2.8cc	⅜ NPT	528
HPT250	200 (13.8)	10,000 (700)	2500cc	13.0cc	2.8cc	⅜ NPT	632

Model Number	Weight each	Order Code KEN-503	List Price/1	Offer Price/1
HPT035	5.30kg	-8900K	£131.09	£81.28
HPT070	8.00kg	-8940K	£157.87	£97.88
HPT250	12.0kg	-8960K	£202.09	£125.30

Spares

Description	Order Code KEN-567	Offer Price/1
Connection Hose (1500mm x ⅜" x ¼" NPT)	-8140K	£37.08
Repair kit for HPT035	-8080K	£13.09
Repair kit for HPT070	-8090K	£18.01
Repair kit for HPT250	-8100K	£19.59

Hydraulic Pull Back Ram

Rugged construction with a heavy duty return spring. Chrome plated piston inhibits rusting. ¼ NPT thread size. Accessories easily snap on. For use with Porta Power/Body Dozer power units.



Model Number	Capacity (Tonne)	A Stroke (cm)	Cylinder Bore Diameter (mm)	B Overall Length (mm)	Oil Port Thread
HRP005	5	15	34	740	¼ NPT

Model Number	Weight each	Order Code KEN-503	List Price/1	Offer Price/1
HRP005	6.70kg	-7180K	£189.57	£117.53

Service Kit for Kennedy Hydraulic Pull Ram To suit the Kennedy Hydraulic Pull Ram (KEN-503-7180K) illustrated.

To Suit	Order Code KEN-567	Offer Price/1
KEN-503-7180K	-8010K	£18.13



Hydraulic Bench Presses

Ideal for pressing, bending and extruding. The Hydraulic pump can be manually operated or by compressed air connecting the airline supplied to an air supply line or direct to a compressor providing at least 8 - 9.5bar at 4cfm. Hydraulic gauge is included. Ideal for industrial and automotive applications.

20 Tonnes

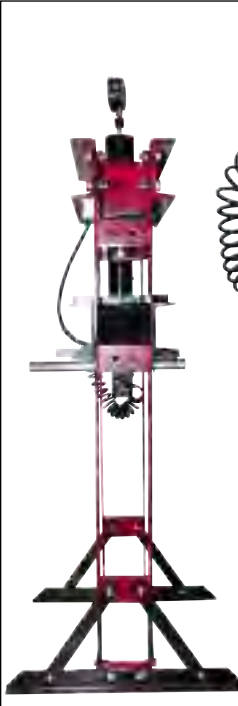
Sturdy steel frame with end braces and wide feet for extra stability. Work bed height is adjustable in 8 increments of 120mm, allowing large work pieces to be worked on with maximum flexibility.

Capacity: 20 tonnes.

30 Tonnes

Heavy Duty steel frame with end braces and wide feet for maximum stability. Work bed height is fully adjustable in 7 increments of 140mm, giving increased flexibility when working with large work pieces.

Capacity: 30 tonnes.



Capacity	Work Bed Adjustable Height	Order Code	List Price/1	Offer Price/1
20 Tonne	8 Increments of 120mm	-9460K	£785.35	£486.92
30 Tonne	7 Increments of 140mm	-9470K	£1172.95	£727.23

Seal Repair Kits

Description	Order Code	Offer Price/1
For 20T Ram	-8550K	£36.74
For 20T Pump	-8560K	£36.74
For 30T Ram	-8570K	£36.74
For 30T Pump	-8580K	£36.74

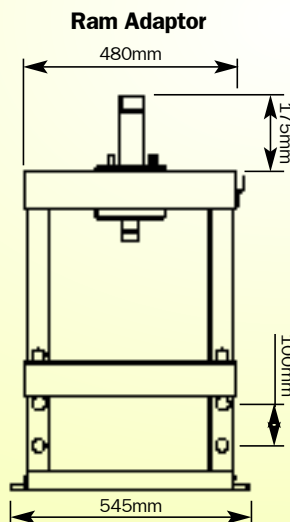
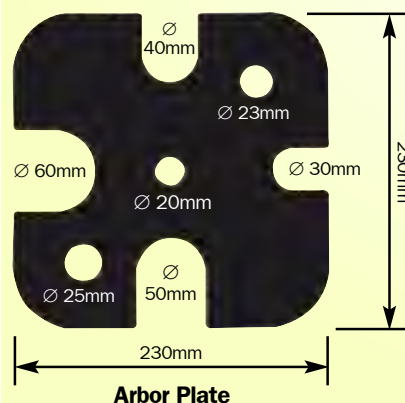
Hydraulic Bench Press

Ideal for pressing, bending and extruding. Built for tough daily use in industrial and automotive workshops, manufactured welded steel frame with two end braces for stability and a fully adjustable work bed providing flexibility and convenience. Fitted with a detachable pump and ram allowing hydraulics to be used for other purposes when the press is not being used. Hydraulic gauge is included.

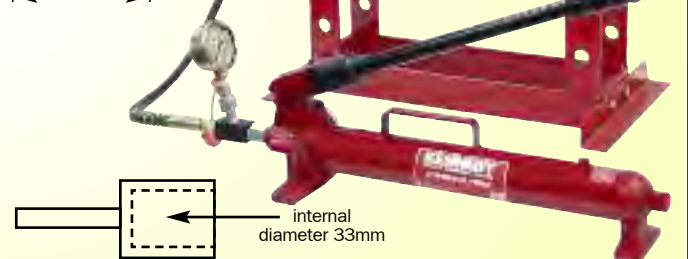
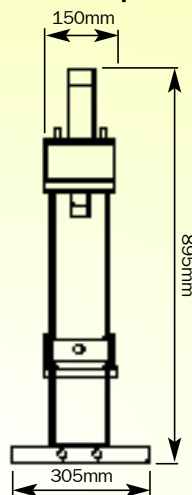
Capacity: 10 tonnes.

These hydraulic presses are ideal for assembly, straightening, fabrication, quality control, maintenance, product testing, bending, forming, punching and shearing.

Model number	HBPO10.
Capacity	10 Tonne.
Ram stroke	150mm.
Extension screw	60mm.
Max height of ram to table	300mm.
Min height of ram to table	90mm.
Table aperture	140mm.
Working table width	360mm.
Overall height	895mm.
Hydraulic gauge included	Yes.
Weight	47kg.



Ram Adaptor



1 tonne (metric ton or t) = 1000kg
1 ton (imperial ton) = 2240lbs (1016kg)

Model Number	Capacity	Overall Height (mm)	Weight each	Order Code	List Price/1	Offer Price/1
HBPO10	10 Tonne	895	47kg	-5000K	£319.59	£255.67
Accessories		Description	Weight each	Order Code	Offer Price/1	
		Seal Repair Kit	10g	-8220K	£36.09	

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KENNEDY
QUALITY EQUIPMENT FOR THE

Lever Operated Vacuums

For use in hand lift applications only. Multiple vacuums used on a single load can only improve handling. If using more than one vacuum tool the ratio of maximum lift capacity does not increase. To lift heavier weights a larger vacuum must be used. All are fitted with a rubber suction cap which will not damage contact surface during the lifting action. For use on glass and plastic or any smooth surface material and can also be used for pulling out dents.

Single (VLS045)
Double (VLD070)
Triple (VLT070)



Model Number	Cups	Max Lift	Order Code KEN-503	List Price/1	Offer Price/1
VLS045	1x10cm	45kg	-2620K	£14.95	£9.27
VLD070	2x12cm	70kg	-2640K	£37.45	£23.22
VLT070	3x12cm	110kg	-2660K	£49.95	£30.97

Filler Applicators

100mm wide plastic spreader, suitable for the application of auto body filler.

**PACK OF
5**

NEW

Pack Quantity	Size	Order Code KEN-503	List Price/1	Offer Price/1
5	100mm (4")	-2820K	£5.20	£3.22

Auto Body Filler Applicator Set

4 Piece Set

Spring steel blades with composite grips. Suitable for the application of auto body filler.

Blade widths:
12, 25, 50
and 75mm.

Size (W x H x D):
123 x 210 x 5mm.



**4
PIECES**

Description	Order Code KEN-503	List Price/Pk	Offer Price/Pk
Auto Body Filler Applicators	-2825K	£6.45	£4.00

Universal Door Handle Clip Remover

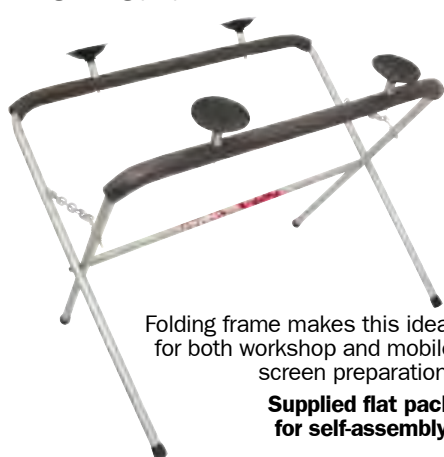
Removes door panel clips without breakage. Simple action - insert the tool and push the clip out.



Size (mm) (W x H x D)	Weight each	Order Code KEN-503	List Price/1	Offer Price/1
84 x 254 x 30	45g	-2790K	£4.68	£2.90

Folding Windscreen Stand

Lightweight tubular steel design with chain stops foam protection and rubber feet. Large rubber suckers prevent screen from moving during preparation.



Folding frame makes this ideal for both workshop and mobile screen preparation.

Supplied flat pack for self-assembly.

Type	Weight each	Order Code KEN-503	List Price/1	Offer Price/1
Windscreen Stand	7.6Kg	-2890K	£139.95	£86.77

Windscreen Moulding Release Tool

Removes trim moulding around cemented windscreen and rear windows quickly and easily.



Type	Weight each	Order Code KEN-503	List Price/1	Offer Price/1
Windscreen Release Tool	90g	-2810K	£4.45	£2.76

Wax Injector Gun

WIG100

Pneumatic tool for spraying and injecting wax underseal into areas that are difficult to access, such as door cavities, inside box section chassis and around wheel arches. Has a 1 litre container with a 1/4" NPT connection, operates from 90 - 145psi (6 - 10bar) air pressure with an air consumption rate of 380ltr/min and a vacuum of (maximum) 550mm HG. Supplied with 900mm spray hose and hanging hook.



**1
LTR**

Size	Order Code KEN-503	List Price/1	Offer Price/1
1 Litre	-1880K	£56.95	£35.31

Universal Trim Pad Remover

For removing plastic interior trim retaining studs. Corrosion-resistant.



Size (mm) (W x H x D)	Weight each	Order Code KEN-503	List Price/1	Offer Price/1
84 x 259 x 30	135g	-2800K	£4.45	£2.76

Glass Run Channel Cleaner

Automotive Glass Run Channel Cleaners are for the fast removal of glass, chips and debris from run channels on side windows. Suitable for unhooking locking weather strips around windscreens, with a long shaft for reaching deep into door recess. Manufactured from hardened and tempered chrome vanadium steel with a comfort grip.



-8730K



-8720K



-8710K

Overall Length	Weight each	Order Code KEN-503	List Price/1	Offer Price/1
260mm	150g	-8710K	£5.95	£3.69
330mm	190g	-8720K	£7.09	£4.40
610mm	190g	-8730K	£12.70	£7.87

Automotive Curved Hook Tools

Curved hook tools are for inserting and removing rubber seals and gaskets, they feature a long shaft and curved head for smooth operation in both directions. Manufactured from hardened and tempered chrome vanadium steel with a comfort grip.



Overall Length	Weight each	Order Code KEN-503	List Price/1	Offer Price/1
230mm	120g	-8760K	£8.95	£5.55
295mm	150g	-8770K	£10.15	£6.29

Windscreen Wiper Arm Removal Tool

Windscreen wiper arm removal tool for removing stuck and stubborn taper fitting wiper arms.

Maximum opening: 27mm.
Collar size: 15mm.



Description	Order Code KEN-503	List Price/1	Offer Price/1
Windscreen Wiper Arm Removal Tool	-1570K	£15.95	£9.89



Brake Caliper Spreader

Retracting brake caliper pistons can be used with $\frac{1}{2}$ " square drive ratchet and 21mm hex wrench or spanner and is suitable for use on most cars and motorcycles. Constructed from hardened steel with phosphate finished spreader plates for corrosion protection.



Product Number	Weight each	Order Code KEN-503	List Price/1	Offer Price/1
BCS065	830g	-1900K	£31.95	£19.81

Brake Pin Punches

Parallel pin punches for the removal of brake caliper pad retaining pins. 6.0mm diameter punch uses a pilot tip to aid location in hollow pins used on GM/Vauxhall calipers.

Overall length: 165mm.



Diameter (mm)	Weight each	Order Code KEN-503	List Price/1	Offer Price/1
5.5	95g	-4910K	£5.57	£3.45

Brake Spring Cup Washer Tool

Removes and replaces T-slot anti-rattle spring washers found in drum brake assemblies. Hardened and tempered carbon steel shank and cup with oxidised finish for protection against corrosion, bevelled and notched cup fits 16 - 22mm ($\frac{5}{8}$ " - $\frac{7}{8}$ ") diameter. Impact resistant square section handle for secure grip even when greasy.



Overall length: 152mm (6").



Product Number	Weight each	Order Code KEN-503	List Price/1	Offer Price/1
BST122	110g	-4940K	£6.95	£4.31

Brake Clip Tool

Designed for import cars with brake shoe hold down clips. Removes and installs brake clip and nail on brake shoes in seconds. Impact resistant square section handle for secure grip even when greasy.

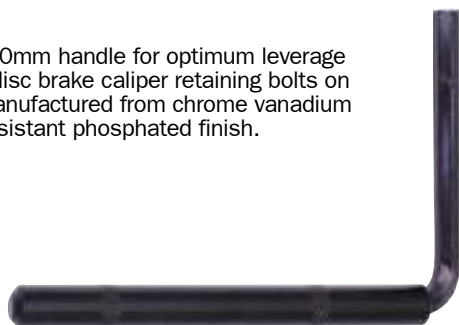
Overall length: 200mm (8").



Product Number	Weight each	Order Code KEN-503	List Price/1	Offer Price/1
BSC150	165g	-4960K	£11.45	£7.10

Brake Pad Key

8mm hexagon key. 140mm handle for optimum leverage and grip. Suitable for disc brake caliper retaining bolts on many modern cars. Manufactured from chrome vanadium steel with corrosion resistant phosphated finish.



Size	Weight each	Order Code KEN-503	List Price/1	Offer Price/1
8mm Hex	245g	-2880K	£4.03	£2.50

Brake Fluid Tester (Battery Operated)

This ingenious tool is invaluable in the garage workshop for testing the quality of brake fluid. Testing for moisture content in the fluid by resistance to electric current. You get instant results from the built-in LED indicator light system. (Runs on 1 x 1.5V AAA battery).



NEW



Description	Order Code KEN-503	List Price/1	Offer Price/1
Brake Fluid Tester	-1130K	£32.77	£20.32

Universal Caliper Wind-Back Tool Kits

Winds back disc brake calipers when replacing brake pads. Professional quality, allows the easy return of brake piston into the caliper. Suitable for most braking systems.

EXTENDED RANGE



Number of Pieces	Order Code KEN-503	List Price/1	Offer Price/1
12	-2770K	£89.95	£55.77
18	-1890K	£129.95	£80.57



Flaremaster2 Brake Pipe Flaring Tool

02725000

Patented design, for producing high quality flares 'on-the-vehicle' with ease. Unique hydraulic power unit provides ultimate power for precision flaring. The ultimate flaring tool designed to save time, money and frustration, the Flaremaster is used on the car without sacrificing flare quality. Will produce SAE or DIN, single or double lap flares on $\frac{3}{16}$ " and 4.75mm pipe. Ideal for replacing corroded sections of pipe.

Features:

Quick-release chuck for positive engagement of the punch. Fast-turn coarse thread on hydraulic ram, for quick assembly. Enhanced bridge unit for greater strength. Re-designed handle moulding, for greater comfort.



Product Number	Order Code SYK-503	List Price/1	Offer Price/1
02725000	-1153V	£150.00	£118.50

CONTRACT PRICES AVAILABLE FOR VOLUME PURCHASES

All Prices Exclude V.A.T. © 2012



Vacuum Testing & Brake Bleeding Kit

Vacuum testing kit that helps to locate and identify faults on cars, motorcycles and commercial vehicles. Supplied in robust blow moulded case.

Contents: serviceable metal bodied vacuum pump, reservoir jar, transfer lid, storage lid, 4x lengths of 6mm ID tubing, 1x length of 4mm ID tubing adaptor. Set of brake bleeding adaptors, rubber cup adaptor.

Maximum vacuum: 550mm Hg.

Reservoir capacity: 150ml.



Description	Order Code KEN-503	List Price/1	Offer Price/1
Vacuum Testing & Brake Bleeding Kit	-2720K	£63.51	£39.38

Angled Flat Band Hose Clamp Pliers

Removes and installs flat band hose clamps. Swivel tips to grip at any angle. Locking handle allows user to maintain 'open' position and hold clamp in place.



Overall Length	Weight each	Order Code KEN-503	List Price/1	Offer Price/1
215mm	200g	-1960K	£11.25	£6.98

Pneumatic Brake & Clutch Bleeder

PBB100

Single man operated pneumatic bleeder which simplifies the bleeding of hydraulic fluid in vehicle clutches and brake systems, also used for the collection of other non-corrosive fluid spillage. Has a 1 litre container with a 1/4" NPT connection, operates from 90 - 145psi (6 - 10bar) air pressure with an air consumption rate of 180ltr/min, an extraction rate of 1.6ltr/min and vacuum (max) of 550mm HG. Handles non-flammable liquids between 0 and 80°C.



Product Number	Capacity (litre)	Weight each	Order Code KEN-503	List Price/1	Offer Price/1
PBB100	1.0	470g	-1920K	£69.95	£43.37

Remote Hose Clamp Pliers

For the removal and replacement of fuel, oil and water hoses, suitable for working in confined engine compartments. Flexible 530mm long reach ratchet mechanism allows the pliers to release and lock hose clamps in the opened position. Supplied complete with a cable clamping nipple for use when replacing the cable.



Capacity	Weight each	Order Code KEN-503	List Price/1	Offer Price/1
55mm	575g	-1970K	£55.63	£34.49



Hose Clip Pliers

Nickel plated, for use on self-tightening hose clips.



Product Number	Size (mm)	Weight each	Order Code STH-558	List Price/1	Offer Price/1
10614	220 (8 3/4")	295g	-1061G	£31.83	£25.46



Vacuum Brake Bleeder

Vacuum brake bleeder complete with motor bike attachment and refill bottles. One litre capacity. Uses standard workshop air supply. Unique rubber joint for fluid extraction (avoids leaks). Removes fluid via bleed nipples to allow bleeding or entire fluid replacement. Also available: ALB 30591. As above without refill bottles.



Product Number	Order Code ALD-503	List Price/1	Offer Price/1
ALB30558	-3090J	£59.00	£47.20

Hand-Operated Pressure Brake Bleeder

Easy one-person operation. Simple hand-pump operation to create pressure. Portable. Supplied with European cap adaptor. 1.9 litre capacity. With quick release coupling and pressure release valve.



Product Number	Order Code ALD-503	List Price/1	Offer Price/1
ALB30570	-3110L	£65.00	£52.00



Brake Bleeder

One man operation, the non-return valve ensures air does not return back into the system.

Capacity: 500ml.



Product Number	Order Code SYK-503	List Price/1	Offer Price/1
660500	-6500A	£9.95	£7.86



7-Piece Hose Clamp Pliers Kit

Contains the most popular hose clamp pliers and clamps.



Product Number	Weight each	Order Code	List Price/1	Offer Price/1
ALB30631	3.05kg	ALD-503 -3150Q	£157.00	£125.60



Spring Type Hose Pinch Tool

For clamping flexible brake lines, fuel lines, vacuum hose and other fluid lines up to 12mm diameter. Allows servicing to be carried out without the need for system draining. Sliding lock collar allows hoses to be fully or partly closed. Smooth rounded jaw edges avoid damage to hoses. All steel construction with corrosion-resistant chrome finish.



Maximum Diameter	Weight each	Order Code	List Price/1	Offer Price/1
12mm	160g	KEN-503 -2840K	£8.13	£5.04

Ratcheting Hose Pinch Pliers

For clamping flexible brake lines, fuel lines, vacuum hose and other fluid lines. Allows servicing to be carried out without the need for system draining. Heavy-duty serrated jaw edges provide excellent clamping whilst avoiding damage to hoses. Jaws pivot and self-level to ensure parallel clamping. Fine-adjusting ratchet action allows hoses to be fully or partly closed. Cocking mechanism holds pivot jaws firmly in position. All steel construction with corrosion-resistant finish.

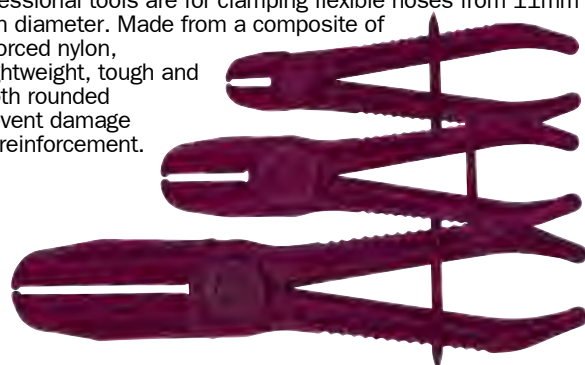


Overall Length	Weight each	Order Code	List Price/1	Offer Price/1
200mm	295g	KEN-503 -2850K	£18.86	£11.69
250mm	435g	-2860K	£19.91	£12.34
300mm	565g	-2870K	£20.96	£13.00

Hose Pinch Clamp Set

HPS003

These professional tools are for clamping flexible hoses from 11mm to 60mm in diameter. Made from a composite of glass reinforced nylon, they are lightweight, tough and have smooth rounded jaws to prevent damage to internal reinforcement.



**3
PIECES**

Hose Range	Weight each	Order Code	List Price/1	Offer Price/1
11-60mm	330g	KEN-503 -1940K	£30.58	£18.96



Flexible Hose Clamp

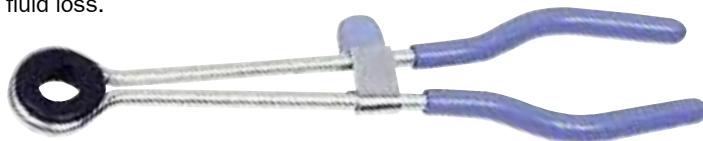
For use on flexible hose up to 30mm in diameter to reduce/eliminate fluid loss when servicing or replacing. Compact design allows use in confined spaces. Supplied in pairs.



Product Number	Capacity (mm)	Weight each	Order Code	List Price/Pr	Offer Price/Pr
021500	30	50g	SYK-503 -1072C	£39.95	£31.56

Hydraulic Hose Clamp

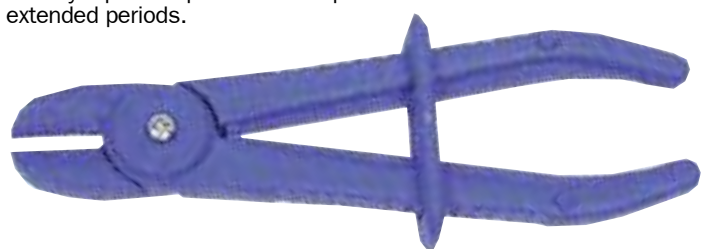
Spring loaded, clamps brake and fuel hoses to allow brake/clutch slave cylinders to be disconnected or removed with the minimum of fluid loss.



Product Number	Overall Length	Weight each	Order Code	List Price/1	Offer Price/1
660650	200mm	100g	SYK-503 -6650E	£5.95	£4.70

Brake & Fuel Line Clamp

Lightweight, non-conductive, glass reinforced nylon. Particularly useful in body repair shops where clamps need to be left on brake lines for extended periods.



Product Number	Weight each	Order Code	List Price/1	Offer Price/1
035700	500g	SYK-503 -1553G	£9.25	£7.31



Hydraulic Hose Clamp

Spring loaded, clamps brake and fuel hoses to allow brake/clutch slave cylinders to be disconnected or removed with the minimum of fluid loss.



Product Number	Weight each	Order Code	List Price/1	Offer Price/1
12975	38g	STH-503 -1297M	£8.38	£6.29

KENNEDY
QUALITY INSTRUMENTS TOOLING

**Pressure
Tester**

**Cooling System & Radiator
Cap Pressure Tester**

Designed for the pressure testing of cooling systems and radiator caps up to 35psi (2.5bar). Suitable for use on most makes of car and commercial vehicles, including: Mercedes, Ford, Chrysler, Peugeot, Honda, Lexus, Mazda, Suzuki, Toyota, Nissan, Opel, Volkswagen, Saab, Volvo, Audi, Citroen, Fiat and BMW.

Contents:

14 radiator pressure testing caps, for use in testing cooling systems for leaks.
Two cap adaptors, sizes 2 - 3 and 4 - 5, for testing radiator cap release pressure and seal condition.
Two 200psi coolant hoses (5/16" and 3/8"), for use with T-adaptor for in-line pressure testing.
T-adaptor for creating in-line pressure testing set-up.
Two 3/4" hose clips.

**BEST
SELLER**



Description	Order Code KEN-503	List Price/1	Offer Price/1
Cooling System & Radiator Pressure Tester	-0960K	£299.95	£185.97

Compression Tester

Suitable for all types of spark plugs. Finds faults in piston rings, valves, head gaskets and cylinder bores. Suitable for use on most petrol engine vehicles and motorcycles. Can be used on crankshaft seals in two-stroke engines. 195mm flexible hose. For use on 14mm and 18mm threads. Large easy to read scale 0 - 21bar/0 - 300psi. Air release valve to allow rapid re-testing.

**BEST
SELLER**



Description	Weight each	Order Code KEN-503	List Price/1	Offer Price/1
Petrol engine Compression Tester	440g	-1160K	£27.45	£17.02

Vacuum & Fuel Pump Tester

Suitable for use on most engines, from cars to commercial vehicles and most motorcycles. Large, easy to read dual calibrated colour coded scale. Suitable for all types of spark plugs. Can be used on crankshaft seals in two-stroke engines. Suitable for testing and finding fault in petrol engines with spark misfires, poor engine compression, weak/rich mixture, ignition over advanced/retarded, inlet manifold and carburettor air leaks, incorrect valve timing and poor fuel economy. Can be used for carburettor balancing, checking turbo boost pressure up to 0.7 bar and fuel pump.



Description	Weight each	Order Code KEN-503	List Price/1	Offer Price/1
Vacuum Tester	440g	-1140K	£14.95	£9.27

AST
AUTOMOTIVE TOOLING

**Cooling System
Pressure Tester**

Universal cooling system pressure tester that eliminates the need for most adaptors. Inflatable bladder sealing system enables the analyser to attach to almost all passenger and light commercial vehicles. Fits bayonet and threaded filler necks on radiators and header tanks. Locate leaks from head gaskets, radiator and heater cores, Welch plugs and housings, water pumps and hoses. Test cap relief pressure and seal condition. Suitable for marine applications. Fluid drain tube allows coolant to be returned to the coolant reservoir or safely collected in a container for recycling.



Product Number	Order Code ALD-503	List Price/1	Offer Price/1
ALB70889	-5030C	£249.95	£199.96



Group 582

AST

**Oil Pressure
Test Kit**

The AST4494 is an updated kit covering a huge range of cars, vans, trucks and motorcycles. Contains: quality gauge with 1m long hose, quick coupler system, 90° elbow and range of 9 adaptors.



Product Number	Weight each	Order Code AST-503	List Price/1	Offer Price/1
AST4494	1.11kg	-4494Q	£111.00	£99.90



Cooling System Tester

For testing cooling systems on most makes of cars and vans. Pressure testing detects leaks in radiators, heater matrix, hoses, cylinder heads, engine blocks and water pumps. Expansion plugs enable fast and easy connection.



Product Number	Weight each	Order Code SYK-503	List Price/1	Offer Price/1
331900	2.30kg	-3319C	£345.00	£272.55

Diesel Compression Tester CV Kit

Suitable for use on both direct and indirect diesel injected commercial, marine and industrial engines.

Contents:

5/16" x 24 UNF internal and 1/2" x 20 UNF external threaded centre pillar.
20.5 x 30, 23.6 x 32, 23.6 x 41 end adaptors.
Replacement seal and washer kit.
Two clamp plates.
90° elbow.

Gauge diameter: 100mm.

Scale: 0 - 60bar.



Product Number	Weight each	Order Code SYK-503	List Price/1	Offer Price/1
314300	2.50kg	-3143W	£229.50	£181.31

Commercial Vehicle Kit

For the pressurisation of cooling systems, so leaks can be detected in radiators, heater matrix, hoses, cylinder heads, engine blocks and water pumps. The expanse universal rubber connector plugs enable fast and easy connection to a range of systems. Supplied with airline adaptor to reduce time and effort required to pressurise large cooling systems.



Product Number	Weight each	Order Code SYK-503	List Price/1	Offer Price/1
331905	2.30kg	-3319S	£305.00	£240.95

Petrol Compression Tester Set

Large 83mm diameter easy to read dual scale gauge 0 - 20 bar with shock proof case and flexible 305mm rubber connecting hose with M14 and M18 thread, seven flexible rubber connecting adaptor hoses with brass screw couplings. Pressure release valve enables repeated cylinder testing without removing the cylinder. Supplied complete in an impact resistant service case.

Length of Hose	Adaptor Thread
63mm	M14
94mm	M14
57mm	M18
57mm	M10
57mm	M12
95mm	M14, M18
95mm	M10, M12



Product Number	Weight each	Order Code SYK-503	List Price/1	Offer Price/1
314003	2.50kg	-1027W	£169.00	£133.51



Cylinder Leakage Test Kit

The AST4682D popular kit covers cylinder leakage testing on a wide range of petrol engines.

Contains: adaptors for 10, 12, 14 and 18mm spark plug hole connections.



Product Number	Weight each	Order Code AST-503	List Price/1	Offer Price/1
AST4682	2.50kg	-4682D	£126.95	£114.26

KENNEDY
QUALITY EQUIPMENT FOR THE

Piston Ring Pliers

To enable fast installation or removal of piston rings. A self-adjusting spring tensioned mechanism manufactured from nickel-plated steel with PVC handles for extra grip.

Capacity:
50 - 100mm
(2" - 4").



Model Number	Capacity (mm)	Order Code	List Price/1	Offer Price/1
PRP100	50 - 100	-2090K	£24.97	£15.48

Straight Head Valve Seal Ring Pliers

Standard Length

For the easy removal of most valve stem seals and lower valve spring guides in restricted areas above the cylinder head.

Overall length: 250mm, 50mm reach.



Extra Long

For the easy removal of most valve stem seals in multi-valve engines in restricted areas above the cylinder head. Gripping serrations inside the jaws aid gripping the outside diameter of the valve stem seal. Steel pliers with double riveted metal handles.

Overall length: 270mm, 80mm reach.



Type	Order Code	List Price/1	Offer Price/1
Standard	-2680K	£20.49	£12.70
Extra Long	-2690K	£31.45	£19.50

Piston Ring Compressors

The compressor gently compresses the piston rings into position reducing the risk of damage to components during installation. Key operated with ratchet mechanism and safety valve for combining safe rapid compression with positive control. Made from tempered spring steel complete with steel key.

PRC-540

For passenger car vehicle engines.

Capacity: 57 - 125mm (2¼" - 5").

Height: 80mm (3¼").

PRC-730

For car/light commercial vehicle engines.

Capacity: 90 - 175mm (3½" - 7").

Height: 100mm (4").

PRC-765

For heavy commercial vehicle engines.

Capacity: 90 - 175mm (3½" - 7").

Height: 165mm (6½").



Model Number	Capacity (mm)	Order Code	List Price/1	Offer Price/1
PRC540	57 - 125	-2210K	£11.95	£7.41
PRC730	90 - 175	-2240K	£19.95	£12.37
PRC765	90 - 175	-2270K	£26.95	£16.71

Valve & Piston Ring Compressors

Designed for use on production lines as well as in the automotive workshop. Able to cope with occasional commercial use.

Manufactured from bright nickel plated steel with PVC cushion grips.



Opening Capacity	Throat Depth	Order Code	List Price/1	Offer Price/1
Straight				
75-230	230	-2010K	£21.37	£13.25
Straight/Curved				
45-230	230	-2030K	£30.46	£18.89
Overhead Cam				
75-240	280	-2050K	£35.66	£22.11



Valve Spring Compressors

Suitable for small to medium sized petrol and diesel engines. Cam action ensures the valve is gripped parallel to avoid distortion. Rapid jaw adjustment T-bar with precision screw thread adjustment.

Medium Duty

660430

Thread adjustment.

OHC.

Throat depth:

158mm.

Heavy Duty

039500

Straight jaw.

Throat depth:

240mm.



Product Number	Capacity Min./Max.	Order Code	List Price/1	Offer Price/1
660430	63/129	-6430F	£29.50	£23.31
039500	95/186	-1780X	£65.00	£51.35

Piston Ring Compressors

For holding piston rings in place once removed from the cylinder. Made from tempered spring steel with spring assisted ratchet type lock. Supplied complete with square drive key.



Product Number	Capacity (mm)	Order Code	List Price/1	Offer Price/1
660370	57 - 125	-6370C	£16.95	£13.39
660373	90 - 175	-6373E	£27.95	£22.08

Valve Spring Compressor



Fully adjustable valve spring compressor for use on large and diesel engines. A unique 'direct action' compressor lever gives improved visibility and ease of use in areas of difficult access. Manufactured from heavy duty steel with all riveted joints and a slip resistant rubber handle.

Restricted access adaptors:
25mm, 30mm.



Jaw opening:
min 35mm,
max 200mm.

**35 - 200mm
Capacity**

Throat clearance:
250mm.

Capacity Min./Max.	Weight each	Order Code	List Price/1	Offer Price/1
35-200mm	2.50kg	-2700K	£56.68	£35.14

Valve Spring Compressor

Fully adjustable valve spring compressor for use on multi-valve petrol and diesel engines with deep seated valves. Universal model with unique dual-cam action, parallel lift and automatic locking reversible jaw/ adaptor, suitable for general use on a wide range of OHC, OHV and CVH engines. A unique 'direct action' compressor lever gives improved visibility and ease of use in areas of difficult access. Manufactured from heavy-duty steel with all riveted joints and a slip resistant rubber handles.

Restricted access adaptors:
25mm, 30mm.

Jaw opening:
min 55mm,
max 175mm.

Throat clearance:
165mm.



Packaging dimensions (W x H x D):
430 x 205 x 40mm.

**55 - 175mm
Capacity**

Capacity Min./Max.	Weight each	Order Code	List Price/1	Offer Price/1
55-175mm	2.20kg	-2710K	£56.68	£35.14



Cylinder Hone Set

Suitable for honing/deglazing car brake and clutch cylinders, motorcycle, lawnmower, outboard motor engine cylinders, small bore car engine cylinders with capacities between 18mm - 89mm. Self aligning flexible shaft and leg assembly for smooth operation at all speeds. Honing diameter and pressure is adjusted via a simple, spring and cone mechanism. Suitable for use with a variable speed electric or air drill and fits into all 3 jaw chucks.

Set contents:

Main honing body,
2 leg set - 60mm,
3 leg set - 60mm,
3 leg set - 50mm,
3 medium honing
stones - 19, 28.8
and 51mm.

Overall length:

200mm.
Supplied in a
plastic blow
mould case.



Replacement Stone Sets - 3 Piece, Medium

L x W (mm)	Weight each	Order Code KEN-503	List Price/1	Offer Price/1
19 x 4.5	83g	-2990K	£5.09	£3.16
29 x 4.5	89g	-2980K	£5.09	£3.16
51 x 7.0	99g	-3000K	£6.19	£3.84

**BEST
SELLER**

Type	Weight each	Order Code KEN-503	List Price/1	Offer Price/1
4-in-1	248g	-2930K	£29.41	£18.23



Cylinder Hone

Suitable for use with electric or air power drills. To hone and deglaze cylinder bores. The flexible drive shaft allows for easy alignment within the cylinder. Supplied complete with 220 grit stones.



Valve Grinders

For grinding and lapping valves. Solid wood handle with rubber suction cup for firm positive grip.

Overall length: 224mm.



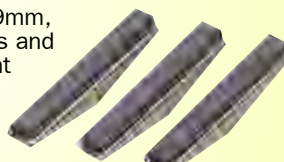
Product Number	Cup Dia. (mm)	Order Code SYK-503	List Price/1	Offer Price/1
660902	32	-6902R	£1.35	£1.07
660903	22	-6903S	£1.20	£0.95
660904	19	-6904T	£1.20	£0.95
660905	19 & 22	-6905V	£1.75	£1.38

Cylinder Hone Stone Sets

To suit 028000 (above).

Contents:

3x 19mm, 3x 29mm,
3x 50mm stones and
nine replacement
spring clips.
(Cylinder hone
not included.)



Product Number	Grit	Order Code SYK-503	List Price/1	Offer Price/1
028001	400 fine	-1168M	£22.50	£17.78
028002	220 med	-1168N	£22.50	£17.78
028003	100 coarse	-1168P	£22.50	£17.78

To suit 028100 (above).

Contents: 3x 100mm stones and three replacement cotter pins.

Product Number	Grit	Order Code SYK-503	List Price/1	Offer Price/1
028101	400 fine	-1169A	£20.50	£16.20
028102	220 med	-1169B	£20.50	£16.20
028103	100 coarse	-1169C	£20.50	£16.20

Product Number	Capacity (mm)	Order Code SYK-503	List Price/1	Offer Price/1
028000	13 - 89	-1168L	£44.00	£34.76
028100	50 - 180	-1168T	£45.00	£35.55

Cylinder Hone

For honing of brake cylinders and piston bores with capacities between 19 - 68mm. Self aligning flexible shaft and leg assembly for smooth operation at all speeds. Honing diameter and pressure is adjusted via a simple, spring and cone mechanism.

Suitable for use with a variable speed electric or air drill and fits into all 3 jaw chucks. Supplied complete with a medium grade stone set.

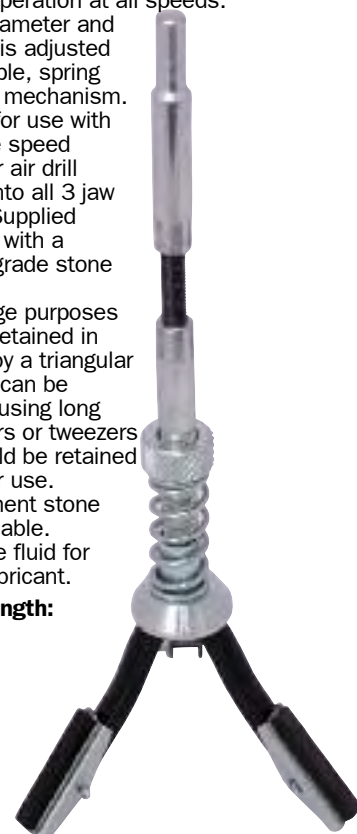
For storage purposes legs are retained in position by a triangular clip. This can be removed using long nose pliers or tweezers and should be retained for further use.

Replacement stone sets available.

Use brake fluid for cutting lubricant.

Overall length:

200mm.



Type	Weight each	Order Code KEN-503	List Price/1	Offer Price/1
3 Leg	105g	-2940K	£14.13	£8.76
Replacement Stones - 29 x 4.5mm				
Medium	83g	-2980K	£5.09	£3.16

Heavy-Duty Cylinder Hone

For honing of brake cylinders and piston bores with capacities between 51 - 178mm. Self-aligning flexible shaft and leg assembly for smooth operation at all speeds. Honing diameter and pressure is adjusted via a simple, spring and cone mechanism. Suitable for use with a variable speed electric or air drill and fits into all three jaw chucks.

Supplied complete with a fine grade stone set. For storage purposes legs are retained in position by a triangular clip. This can be removed using long nose pliers or tweezers and should be retained for further use. Replacement stone sets available. Use brake fluid for cutting lubricant.

Overall length: 290mm.

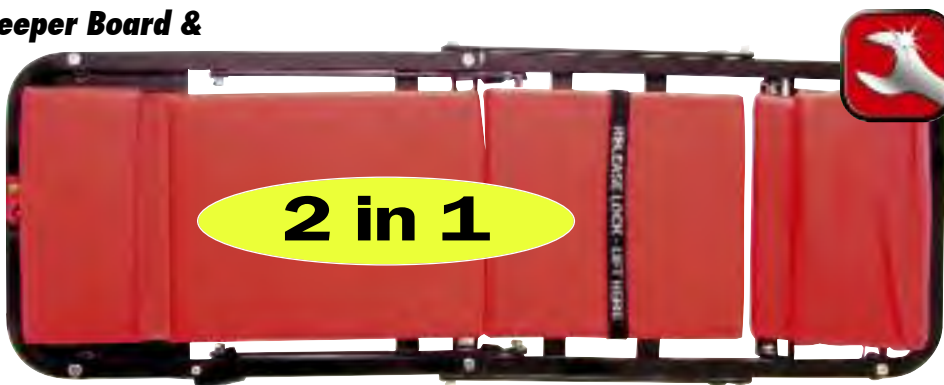


Type	Weight each	Order Code KEN-503	List Price/1	Offer Price/1
3 Leg	380g	-2920K	£28.04	£17.38
Replacement Stone Sets - 100 x 9mm - 3 Piece				
Fine	88g	-2950K	£11.64	£7.22
Medium	93g	-2960K	£11.64	£7.22
Coarse	97g	-2970K	£11.64	£7.22

**KENNEDY
PROFESSIONAL**

2-in-1 Padded Creeper Board & Seat

Heavy-duty steel frame with powder coat finish. Vinyl coated cushioning. Quickly converts from creeper to seat. Adjustable back and parts tray when in the seat position.



Size L x W x H (mm)	Weight each	Order Code KEN-503	List Price/1	Offer Price/1
1050 x 480 x 100	13.0kg	-7300K	£67.45	£41.82

Padded Creeper Board

Both the creeper board and seat framework are manufactured from heavy steel with a powder paint finish. Furnished with a vinyl covered cushioning and are fitted with castor wheels for ease of movement.



Padded Creeper Seat

The creeper seat is fitted with a parts tray for tools and components.

Type	Size L x W x H (mm)	Weight each	Order Code KEN-503	List Price/1	Offer Price/1
Board	1050 x 480 x 100	7.00kg	-7320K	£56.95	£35.31
Seat	365 x 355 x 355	3.50kg	-7340K	£35.95	£22.29

**KENNEDY
QUALITY TOOLING**

Professional Reinforced Moulded Plastic Extra Wide Creeper Board

For easy movement and access, when working under vehicles. Manufactured from reinforced plastic to offer a durable hi-strength and lightweight creeper. Contoured base for added comfort and pockets on both sides to conveniently store tools and parts.



Model Number	Size L x W (mm)	Weight each	Order Code KEN-503	List Price/1	Offer Price/1
CBW100	1000 x 510	3.60kg	-7360K	£39.84	£24.70

**SENATOR
QUALITY TOOLING**

Moulded Plastic Creeper Board

For easy movement and access, when working under vehicles. Manufactured from reinforced plastic to offer a durable hi-strength and lightweight creeper. Two-piece design for convenient storage and easy assembly that does not require tools.



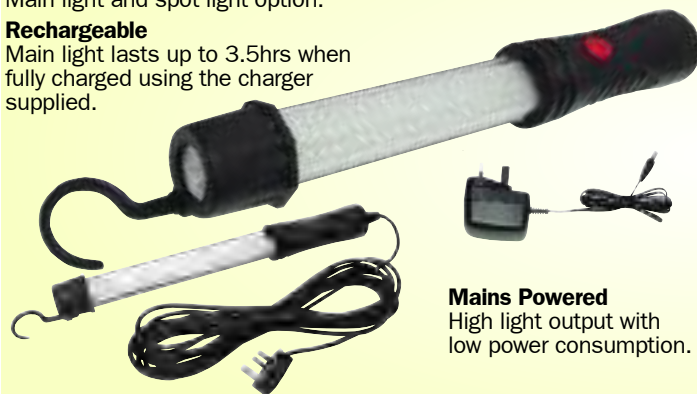
Size L x W (mm)	Weight each	Order Code SEN-503	List Price/1	Offer Price/1
935 x 350	2.30kg	-7380K	£18.84	£14.32

KENNEDY LED Inspection Lamps

Durable and robust construction with a rubber handle and end cup, plus a sturdy swivel hanging hook making it ideal for use in engine bays and other low light work areas. Anti-roll hexagonal shape with a convenient grip mounted ON/OFF switch. Main light and spot light option.

Rechargeable

Main light lasts up to 3.5hrs when fully charged using the charger supplied.



Mains Powered
High light output with low power consumption.

Type	Order Code KEN-503	List Price/1	Offer Price/1
Rechargeable	-5080K	£77.65	£48.14
Mains Lamp	-5090K	£65.54	£40.63

LED Inspection Lamps with Swivel Clamp

The high light output and durable construction make them ideal for use in engine bays and other low light work areas. The ball-jointed swivel clamp gives maximum positioning versatility.

Convenient grip mounted ON/OFF switch. Oil, petrol and UV resistant.

Rechargeable

Lasts up to 4 hours when fully charged.

12V

4.8m power cable allows use in remote areas.



Type	Order Code KEN-503	List Price/1	Offer Price/1
Rechargeable	-5030K	£78.70	£48.79
12V	-5050K	£51.25	£31.78

EDISON Rechargeable Lamp

Ideal for use in automotive workshops, the construction industry and other low light work areas. Heavy-duty rubber and polycarbonate case. Lasts up to 6 hours when fully charged. Adjustable brightness. Durable, robust and reliable. Foldaway swivel hanging hook, wall or bench mount charging base with 1.9m power cable*. 30 LEDs provide a constant high light output. Water and oil-resistant to IP68. Powered by high capacity lithium-ion polymer batteries. Optional flashing mode. Sealed switch. Can be stood upright. Uses induction charging technology. Battery low warning.

*Screws and wall plugs for mounting charging unit to a wall are not included.



Rated to IP68

Type	Order Code EDI-904	List Price/1	Offer Price/1
Rechargeable Lamp	-1100K	£75.54	£40.79

SENATOR Lead Lamp Plastic Cage

Plastic protection cage with integral hook and 4.8m of cable. Accepts screw-in (ES) type bulb (supplied separately).

4.8m CABLE



Voltage	Weight each	Order Code SEN-503	List Price/1	Offer Price/1
240V		-5370K	£16.42	£12.48

Pro-Vision Borescopes

ALB30544

Innovative new fibre-optic technology. High resolution lens - clear images of objects as close as 20mm. 40° field of view. Ergonomic handle for comfort. One-handed operation - focusing and light activation. Rugged and water-resistant. High impact ABS and flexible cable sheathing. Fully flexible 450 x 6mm cable. Pressure activated light switch is conveniently located but cannot be accidentally left on. Requires two AA batteries (supplied).



Model Number	Order Code ALD-503	List Price/1	Offer Price/1
30544	-3070G	£398.00	£318.40

KENNEDY Lead Lamp Wire Cage

Designed for the professional, with heavy duty rubberised handle, wire protection cage with integral hook and 4.8m of cable. Accepts screw-in (ES) type bulb (supplied separately).

4.8m CABLE



Voltage	Weight each	Order Code KEN-503	List Price/1	Offer Price/1
240V		-5380K	£19.95	£12.37

Mechanic's Stethoscope

Professional stethoscope provides a fast and easy way to locate noises in engines or bearings and other moving parts. High quality surgical grade PVC and rubber parts for increased sound definition, plastic ear-pieces minimise outside noise with an aluminium alloy probe/needle for finding the exact location of specific noises. Supplied with rubber trumpet for checking vacuum and pressure flow. Useful for synchronising multi carburettors, helps to track dashboard rattles and is ideal for pinpointing unusual vibrations or suspected leaks, it is also shockproof.



Product Number	Order Code KEN-503	List Price	Offer Price/1
MSC110	-2740K	£14.95	£9.27

KENNEDY Bottle Jacks

With large cast iron bases with a steel cylinder housing and an adjusting notched saddle. Fitted with an overload protection valve.

Two piece 'pumping' handle also operates hydraulic release. Use on a firm level surface, do not work under the vehicle until another means of support, such as axle stands, are used. Models B234, B337 and B541 are supplied in a robust blow moulded carry case.

Complies with the EC Machinery Directive. GS and TUV approved.

(Load ratings are 'metric tonnes' i.e. 1 tonne = 1,000kg).

All supplied with spare seals.

2, 3 and 5 tonne jacks supplied in a robust plastic case



Model Number	Max Load (Tonne)	Height (mm) Min. - Max.	Max Saddle Adjustment	Weight each	Order Code KEN-503	Offer Price/1
B234	2	181 - 345	48mm	3.00kg	-5820K	£13.30
B337	3	194 - 372	60mm	3.75kg	-5840K	£16.71
B541	5	216 - 416	70mm	4.90kg	-5860K	£21.05
B845	8	230 - 457	80mm	5.75kg	-5690K	£27.25
B1246	12	230 - 465	80mm	7.50kg	-5710K	£37.17
B1546	15	230 - 460	80mm	8.50kg	-5730K	£45.85
B2045	20	242 - 452	60mm	11.0kg	-5750K	£55.77

2 Tonne Low Profile Service Trolley Jack

Low Profile Trolley Jacks have strong, robust steel chassis to provide stability when under load. A low entry height. Heavy duty fixed direction casters and swivel casters ensure easy positioning under the vehicle prior to lifting. The pump handle with comfort rubber grip is to rapidly raise and lower the load arm and the vehicle. For use on a firm level surfaces.

DO NOT work under the raised vehicle until another means of support, such as axle stands are in place.



Model Number	Maximum Load	Height (mm) Min. - Max.	Weight each	Order Code KEN-503	Offer Price/1
T5359	2000kg	89 - 359	14.5kg	-6520K	£40.94

2.5 Tonne Low Profile Trolley Jack

Low Profile Trolley Jacks have strong, robust steel chassis to provide stability when under load. A low entry height. Heavy duty fixed direction casters and swivel casters ensure easy positioning under the vehicle prior to lifting. The pump handle with comfort rubber grip is to rapidly raise and lower the load arm and the vehicle. For use on a firm level surfaces. DO NOT work under the raised vehicle until another means of support, such as axle stands are in place.



Model Number	Maximum Load	Height (mm) Min. - Max.	Weight each	Order Code KEN-503	Offer Price/1
T450L	2500kg	85 - 450	36kg	-6530K	£104.99

Heavy Duty Bottle Jacks

With machined/cast steel bases and cylinder housings.

Fitted with an overload protection valve. Three piece 'pumping' handle also operates hydraulic release. Use on a firm level surface, do not work under the vehicle until another means of support, such as axle stands, are used.



Model Number	Max Load (Tonne)	Height (mm) Min. - Max.	Max Saddle Adjustment	Weight each	Order Code KEN-503	Offer Price/1
B3047	30	285 - 475	-	23.0kg	-5770K	£105.37
B5048	50	300 - 480	80mm	34.0kg	-5790K	£136.37

2 Tonne Low Profile Long Reach Trolley Jack

Low Profile Long Reach Trolley Jacks have strong, robust steel chassis to provide stability when under load. A low entry height. Heavy duty fixed direction castors, swivel castors and inside wheel ensure excellent manoeuvrability and easy positioning under the vehicle prior to lifting. The foot pedal is to rapidly raise and lower the load arm and the vehicle. The long reach pump handle has a comfort rubber grip. Includes a practical tray for carrying tools and a rubber pad for the saddle. For use on a firm level surfaces. DO NOT work under the raised vehicle until another means of support, such as axle stands are in place.



Model Number	Maximum Load	Height (mm) Min. - Max.	Weight each	Order Code KEN-503	Offer Price/1
T510L	2000kg	76 - 510	42kg	-6570K	£241.49
T525L	3000kg	140 - 525	50kg	-6580K	£304.49

Air Trolley Jack - 20/40T 2 Stage

For use when lifting heavy vehicles such as lorries etc. This industrial air jack has a robust steel chassis, 'T' bar handle with integral air control valve and two extensions for increased lifting height. It requires an air pressure of 116 - 174psi (8 - 12bar) and a supply rate of 105ltr/min (3.7cfm).



JTA2040

Air supply: 116 - 174psi (8 - 12bar).

Air consumption: 105ltr/min (3.7cfm).

Lifting capacity: 20T/40T.

Base height: 210mm.

Lifting height:

40T - 433mm,

20T - 520mm.

Air inlet size: 1/4NTP.

Model Number	Maximum Load	Height (mm) Min. - Max.	Weight each	Order Code KEN-503	Offer Price/1
JTA2040	40,00kg	210 - 520	74kg	-7120K	£629.99

KENNEDY Trolley Jack

Strong steel chassis provides stability when under load. Fixed direction castors and swivel castors for easier positioning under vehicles. Long reach single piece pump handle with comfort rubber for rapid raising and lower. Safety overload protection valve prevents overload damage to hydraulic mechanism. Integral carry handle. **GS and TUV approved.**

T238

Type: with case.

Dimensions: 525 x 225 x 145mm.

Maximum load: 2,000kg.

Minimum height: 130mm.

Maximum height: 380mm.

T2.249

Type: with case.

Dimensions: 695 x 344 x 180mm.

Maximum load: 2,250kg.

Minimum height: 145mm.

Maximum height: 495mm.

T280

Type: long reach.

Dimensions: 1150 x 360 x 210mm.

Maximum load: 2,000kg.

Minimum height: 140mm.

Maximum height: 800mm.



Group 270



(T280 Model Only)

Carriage at Cost



T280 Model



Model Number	Capacity	Weight each	Order Code KEN-503	List Price/1	Offer Price/1
T238	2 Tonne	12.0kg	-6320K	£50.15	£31.09
T2.249	2 1/4 Tonne	36.5kg	-6350K	£90.83	£56.31
T280	2 Tonne	58.0kg	-6920K	£321.20	£199.14

Spares

Description	Weight each	Order Code KEN-567	Offer Price/1
Torsion Spring for T280	49g	-7880K	£7.34
Torsion Spring for T2.249	49g	-7860K	£7.34
Seal Repair Kit for T238	7g	-8160K	£7.15
Seal Repair Kit for T2.249	4g	-8180K	£10.73

3 Tonne Quick Lift Trolley Jack

3 tonne capacity. One stroke instant lift foot pedal, raises the saddle up to jack point to increase productivity. Constructed from heavy gauge steel. 1m, two-piece handle. 120mm diameter saddle. Automatic safety overload protection. Positive twist, lock and release mechanism. Heavy duty rear swivelling castor wheels.



QUICK LIFT

Maximum load: 3000kg.
Minimum height: 145mm.
Maximum height: 490mm.



Capacity	Weight each	Order Code KEN-503	List Price/1	Offer Price/1
3 Tonne	39.5kg	-7100K	£189.95	£117.77

Ratcheting Axle Stands

Suitable for supporting raised vehicles or equipment. Protective red enamel coating. 10-position ratchet design that automatically locks when raised.



Capacity/pair	Per Stand	Min.-Max. Height	Order Code KEN-503	List Price/pr	Offer Price/Pr
4 Tonne (4000kg)	2T	265-418mm	-5520K	£26.95	£16.71
6 Tonne (6000kg)	3T	280-420mm	-5530K	£33.95	£21.05
12 Tonne (12000kg)	6T	390-608mm	-5560K	£70.89	£43.95

Scissor Jack

Made from heavy-duty steel with a rubber saddle which provides a positive grip and prevents damage to jacking points. Designed to safely raise vehicles. Easy to use and compact for easy storage.

1 Tonne (1000kg) safe working load.

Wide base plate for extra stability.



Lifting range: 88 - 383mm.
Base plate size: 150 x 90mm.
Spindle thread: 12.5 x 2.5mm.

Model Number	Capacity	Weight each	Order Code KEN-503	List Price/1	Offer Price/1
KSJ010	1 Tonne	2.80kg	-5920K	£18.45	£11.44

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KENNEDY
QUALITY EQUIPMENT FOR ALL

**Heavy Duty
Trolley Jacks**

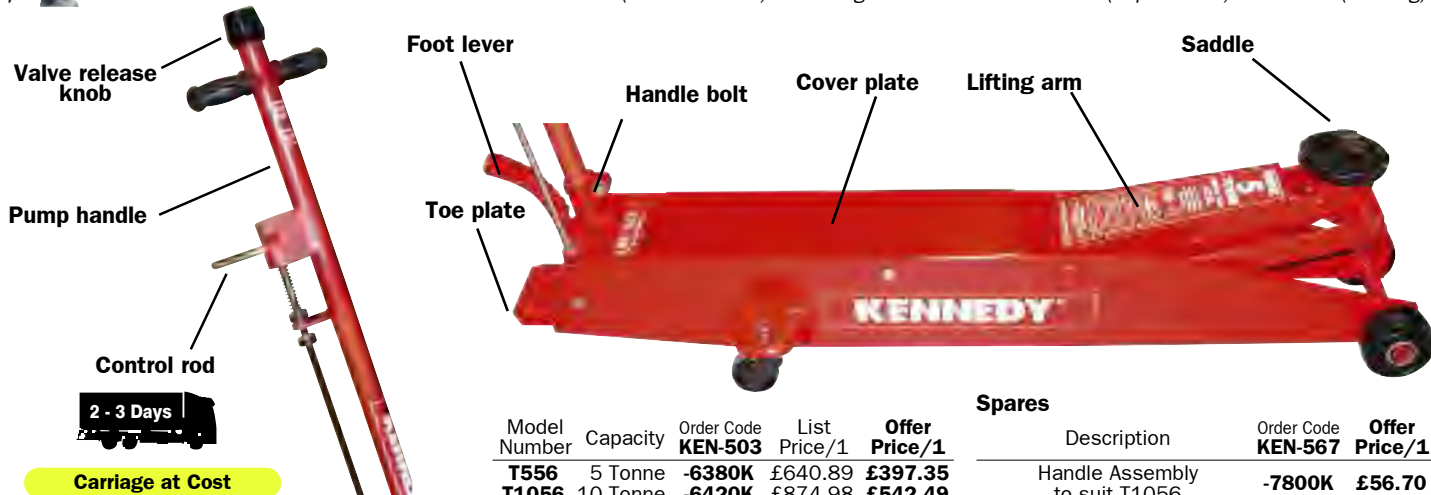
Constructed from heavy gauge steel for heavy-duty use with a large diameter saddle for a secure hold under the jacking point. Extra long handle for easy access under bigger vehicles which also tilts and locks in three positions with a built-in handle mounted safety release to prevent accidental lowering of the load. A foot pedal pump and fine adjustment are fitted on the handle for optimum vehicle height. Automatic safety overload protection and rear toe plate for easy positioning.



Model Number	Max Load (kg/Tonne)	Min Height (mm)	Max Height (mm)	Saddle Ø (mm)	Handle Pieces (mm)	Handle Length (mm)	Chassis Length (mm)	Chassis Width (mm)	Chassis Height (mm)	Net Weight (kg)
T556	5,000/5	150	560	130	1	1,200	1,420	370	200	95.0
T1056	10,000/10	160	560	150	1	1,200	1,555	490	255	145.0

1 tonne (metric ton or t) = 1000kg.

1 ton (imperial ton) = 2240lbs (1016kg).



Model Number	Capacity	Order Code KEN-503	List Price/1	Offer Price/1
T556	5 Tonne	-6380K	£640.89	£397.35
T1056	10 Tonne	-6420K	£874.98	£542.49

Spares

Description	Order Code KEN-567	Offer Price/1
Handle Assembly to suit T1056	-7800K	£56.70

500kg Engine Support Beam

For supporting and accurately positioning engines during maintenance operations and as an aid for the removal of gearboxes and transmissions. 500kg (½ tonne) capacity. Adjustable width to bridge various engine compartments. Fitted with soft rubber feet to protect the bodywork. Supplied with a 92cm long chain. Supporting legs can be tilted.



Type	Capacity	Weight each	Order Code KEN-503	List Price/1	Offer Price/1
Engine Support	500kg		-8100K	£117.45	£72.82



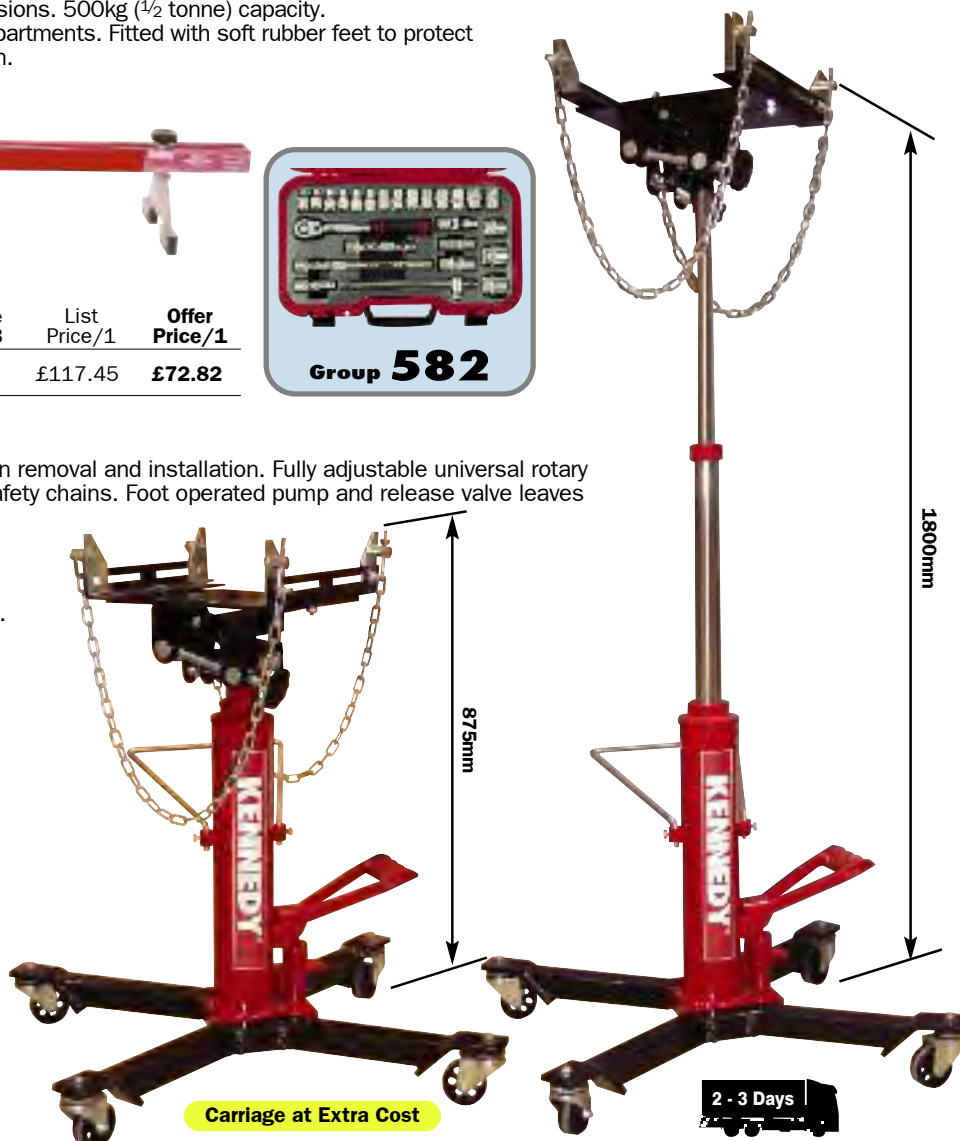
Telescopic Transmission Jack

Ideal for car and light commercial transmission removal and installation. Fully adjustable universal rotary saddle with adjustable corner brackets and safety chains. Foot operated pump and release valve leaves both hands free to manoeuvre transmission. Wide base with four 3" dia. swivel-type ball bearing castors providing stability and easy manoeuvring. Two-stage flash chromed rams inhibit rust from entering the hydraulic system. Lifts from 875 to 1800mm.

Contents	TTJ500
Capacity	½ Tonne
Ram Extensions	2
Minimum Saddle Height	875mm
Maximum Saddle Height	1800mm
Saddle Size	680x810mm
Chain Length	95mm
Saddle Tilt Forward	24"
Saddle Tilt Back	19"
Saddle Tilt Side	+/- 20"
Saddle Return Weight	15.8kg (35lbs)
Base	695 x 805mm
Weight	68.5kg

Model Number	Order Code KEN-503	List Price/1	Offer Price/1
TTJ500	-7160K	£622.25	£385.80

Description	Order Code KEN-567	Offer Price/1
Seal Repair Kit	-8210K	£69.16



KENNEDY
QUALITY THROUGH ENGINEERING

Hydraulic Nut Splitter Set

The hydraulic ram provides up to 10 tonnes of direct non-twisting application of thrust that is more effective and secure than a mechanical thrust screw. Fully threaded body allows for quick and easy height adjustment. The splitter bodies are manufactured from carbon steel.

8 Piece Set contents:

- 1x hydraulic ram.
- 1x splitter body $\frac{3}{8}$ " diameter capacity.
- 1x splitter body $\frac{1}{2}$ " diameter capacity.
- 1x splitter body $\frac{5}{8}$ " diameter capacity.
- 1x splitter body $\frac{3}{4}$ " diameter capacity.
- 1x splitter body 1" diameter capacity.
- 1x threaded attachment sleeve.
- 1x oil bottle.

**8
PIECES**

AUTOMOTIVE - NUT SPLITTERS

Nut Splitters

Mechanical drop forged, hardened and tempered plated steel. Ideal for releasing seized/damaged nuts etc.



Product Number	Capacity (mm/Inch)	Weight each	Order Code KEN-503	List Price/1	Offer Price/1
1	9 - 12 ($\frac{3}{8}$ " - $\frac{1}{2}$ ")	90g	-4090K	£7.70	£4.77
2	12 - 16 ($\frac{1}{2}$ " - $\frac{5}{8}$ ")	170g	-4160K	£8.74	£5.42
3	16 - 22 ($\frac{5}{8}$ " - $\frac{7}{8}$ ")	350g	-4220K	£11.48	£7.12
4	22 - 27 ($\frac{7}{8}$ " - $1\frac{1}{16}$ ")	600g	-4270K	£13.04	£8.08

4 Piece Set

Contents (1 of each): No.1, No.2, No.3, No.4.

**4
PIECES**



Number of Pieces	Weight each	Order Code KEN-503	List Price/1	Offer Price/1
4	1.40kg	-4290K	£41.42	£25.68

Mechanical Nut Splitter

For removing corroded or damaged nuts without damaging the bolt or stud threads.



Product Number	Capacity (mm)	Weight each	Order Code SYK-503	List Price/1	Offer Price/1
660350	25	600g	-6350M	£31.00	£24.49



Product Number	Weight each	Order Code KEN-503	List Price/1	Offer Price/1
HNS100	4.45kg	-4300K	£259.98	£161.19



Powerbar Hand Impact Wrench

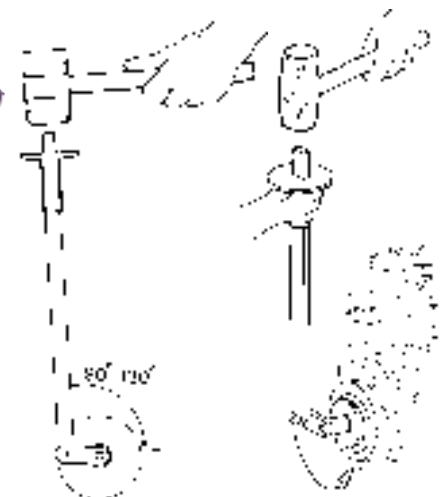
Allows access to restricted under bonnet areas - where air impact wrenches won't fit. Remove and replace harmonic balancer pulleys without removing the radiator. Impact force 'shocks' bolts loose. No compressed air required. Stop burning out starter motors. High torque generated up to 813 Newton-metres - dependent on force applied. Ideal for automotive industrial and home applications.

Drive: male $\frac{3}{8}$ " x female $\frac{3}{8}$ ".

Overall length: 56cm.



Product Number	Weight each	Order Code ALD-503	List Price/1	Offer Price/1
ALB70865	2.2kg	-5010A	£90.00	£72.00



CONTRACT PRICES AVAILABLE FOR VOLUME PURCHASES

All Prices Exclude V.A.T. © 2012

KENNEDY
QUALITY TOOLING

Oil Drain Plug Key Set

DPK017

A comprehensive set of quality 3/8" sq. drive oil drain plug keys with tommy bar. Made from satin finished chrome vanadium.

Contents: Male Square: 7mm, 8mm (5/16"), 9mm, (3/8"), 10mm, 11mm, 12mm and 13mm. Female Square: 10mm. Male Hex: 8, 9, 10, 12, 14 and 17mm. Male Triangular 10mm. Tommy bar.

**17
PIECES**



Product Number	Number of Pieces	Order Code	List Price/1	Offer Price/1
DPK017	17	KEN-503	£48.95	£30.35

Glow Plug Socket Set

GPS060

A comprehensive set of quality glow plug sockets with universal joints for use in awkward areas. Made from satin finished chrome vanadium with a neoprene insert to grip and protect the plug.

Contents: 8, 9, 10, 12, 14 and 16mm.

**6
PIECES**



Product Number	Number of Pieces	Order Code	List Price/1	Offer Price/1
GPS060	6	KEN-503	£49.95	£30.97

Three Jaw Oil Filter Wrench

For use with ratchet handles, extension bars, flexible drives etc. With 3/8" square drive and hexagon adaptor, or use with 19mm/3/4" AF spanners or sockets. All steel construction, chrome plated with milled teeth on gripping arms for positive action when loosening or tightening.



Spread/Range	Weight each	Order Code	List Price/1	Offer Price/1
60 to 120mm	600g	KEN-503	£22.50	£13.95

Strap Type Oil Filter Remover

Used for gripping round and irregular shaped items, tubes and piping. Ideal for oil filters, hot radiator caps and hub caps.



Diameter (mm)	Weight each	Order Code	List Price/1	Offer Price/1
60 - 140	280g	KEN-582	£24.10	£14.94

Chain Wrench Oil Filter Remover

Used for gripping round and irregular shaped items, tubes and piping. Ideal for oil filters, hot radiator caps and hub caps.



Diameter (mm)	Weight each	Order Code	List Price/1	Offer Price/1
60 - 140	430g	KEN-582	£15.70	£9.73

Oil Filter Pliers

Manufactured from hardened and tempered chrome vanadium with chemically blackened corrosion resistant finish and vinyl grip. Three position rapid jaw adjustment with high grip tooth profile, ensures the minimum amount of effort is required to remove or fit oil filters.



Size	Capacity (mm)	Order Code	List Price/1	Offer Price/1
255mm (10")	69-80	KEN-503	£13.95	£8.65
305mm (12")	50-114	KEN-503	£15.95	£9.89

SENATOR
QUALITY TOOLING

Oil Filter Wrench

Articulated filter wrench with swivel action tightener. Suitable for oil filters with limited access.

Capacity: 75 - 110mm.

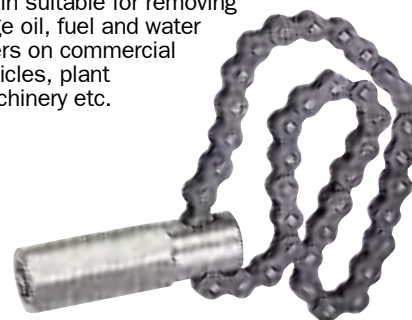


Capacity	Weight each	Order Code	List Price/1	Offer Price/1
75 to 110mm	320g	SEN-503	£13.37	£10.16

Sykes-Pickavant

Chain Type Oil Filter Remover

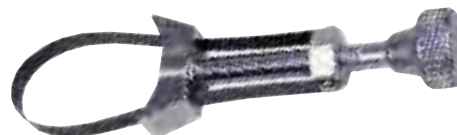
Mild steel shank with 1" external hex and 1/2" internal square drive. Heavy duty leaf link chain suitable for removing large oil, fuel and water filters on commercial vehicles, plant machinery etc.



Product Number	Diameter (mm)	Order Code	List Price/1	Offer Price/1
038900	150	SYK-503	£39.50	£31.21

Steel Loop Oil Filter Removers

Die-cast screw with non-stretch steel band. The tool is looped over the filter and tightened. Once the filter is gripped firmly it can be removed. Suitable for one-handed use in areas of confined access.



Product Number	Diameter (mm)	Order Code	List Price/1	Offer Price/1
038400	65-100	SYK-503	£23.50	£18.57
038300	110-155	SYK-503	£25.50	£20.15

Three Jaw Oil Filter Wrench

Manufactured from hardened steel. The geared jaws automatically tighten as the load increases to securely grip the filter for safe removal. For use with a 3/8" square drive ratchet wrench or 19mm open ended spanner.



Product Number	Diameter (mm)	Order Code	List Price/1	Offer Price/1
038100	62-93	SYK-503	£23.95	£18.92

Strap Type Oil Filter Remover

Polyester web strap with steel tightening shank. The shank has a 13/16" external hex and a 1/2" internal square drive. Suitable for removing oil, fuel and water filters, gripping hubs and brake drums, removing exhausts etc. The compact design allows use in confined spaces.



Product Number	Diameter (mm)	Order Code	List Price/1	Offer Price/1
038600	300	SYK-503	£32.95	£26.03



KENNEDY *Parts Washer - Bench Standing*

Used in garage, workshop and industrial applications for degreasing components for inspection and prior to assembly. Recirculated cleaning fluid is filtered before entering the pump and being directed over the workpiece. Flexible chrome finish metal delivery hose. Heavy duty non-welded one piece tank. Fully enclosed electric nylon pump. Self-latching fusible linked lid closes in the event of a fire. Triple baked enamel finish. Accepts all common degreasing agents. Shelf keeps parts out of solvent during inspection and drying. Immersion soaking when the parts shelf is removed. Fitted with a 3 pin moulded plug and a 1.6m power cable. Minimum agent capacity 9ltr. Maximum agent capacity 13ltr. Rubber feet. 240V.

Overall size (L x W x H): 470 x 340 x 250mm.
Tank size (L x W x H): 400 x 310 x 230mm.
Power rating: 25W.
Voltage: 240V.
Rated input: 0.3A.



Model Number	Weight each	Order Code	List Price/1	Offer Price/1
PWB013	6.50kg	-8600K	£84.95	£52.67

Parts Washer - Floor Standing

Used in garage, workshop and industrial applications for degreasing components for inspection and prior to assembly. Recirculated cleaning fluid is filtered before entering the pump and being directed over the workpiece. Flexible chrome finish metal delivery hose. Heavy-duty non-welded one-piece tank. Fully enclosed electric nylon pump. Self-latching fusible linked lid closes in the event of a fire. Triple baked enamel finish. Accepts all common degreasing agents. Shelf keeps parts out of solvent during inspection and drying. Immersion soaking when the parts shelf is removed. Fitted with a 3 pin moulded plug and a 1.6m power cable. Minimum agent capacity 40ltr. Maximum agent capacity 50ltr. Fitted with a drain plug for easy maintenance. Removable parts basket. Built-in replaceable filter. Spare filter included.

Overall size (L x W x H): 800 x 550 x 890mm.
Tank size (L x W x H): 725 x 490 x 270mm.
Height of working area: 750mm.
Power rating: 25W.
Voltage: 240V.
Rated input: 0.3A.



Replacement Parts

Model Number	Weight each	Order Code	List Price/1	Offer Price/1	Description	Order Code	Offer Price/1
PWF050	31.0kg	-8640K	£179.95	£111.57	Filter for PWF050	-8640K	£6.21
		-8600K		£3.73	Filter for PWB013	-8600K	£3.73
		-8700K		£30.93	Pump for PWF050/PWB013	-8700K	£30.93

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KENNEDY
QUALITY INDUSTRIAL TOOLING

**Mechanical Pullers -
2 Jaw**

Industrial Reversible/Double-Ended Adjustable

Used for the removal of gears, ball races, bearings, pulleys and sprockets from a drive shaft. With reach capacities of 75mm, 100mm, 150mm and 200mm.

All sizes have double-ended, adjustable, reversible legs and can be used for internal and external applications.

Selection

Always use a three jaw puller whenever possible. This produces better load distribution across the jaws and easier and safer removal of the part. Determine what 'spread' is needed this is the width of the part to be removed. The reach capacity is determined by the depth of the part to be removed.



**2
JAW**

Product Number	Spread (mm)	Reach (mm)	Thread Length	Order Code KEN-503	List Price/1	Offer Price/1
MP275	40 - 75	60	125	-3030K	£14.83	£9.19
MP2100	50 - 100	70	160	-3040K	£21.33	£13.22
MP2200	60 - 150	120	240	-3060K	£34.66	£21.49
MP2150	80 - 200	175	335	-3080K	£60.03	£37.22

Spare Jaws (Supplied individually)

To Suit Puller	Order Code KEN-567	Offer Price/1
MP275	-5330K	£4.88
MP2100	-5340K	£7.39
MP2200	-5360K	£13.47
MP2150	-5380K	£26.95

Long Reach Mechanical Puller - 2 Jaw

Reversible

Manufactured from drop forged hardened alloy steel. Three position extra long legs to be used where access is limited. The puller legs are securely located on the bearing by screwing down the tapered nut to lock the arms in position. The legs are then retracted with the bearing by turning the T-bar to extend the thrust bolt on to fixed shaft.

Spread: 10 - 50mm.

Reach: 300mm.



**2
JAW**

**300mm
REACH**

**EXTRA
LONG**

Reach	Weight each	Order Code KEN-503	List Price/1	Offer Price/1
300mm	1.20kg	-3320K	£48.17	£29.87

Mechanical Pullers

**3-Jaw Industrial Reversible
Double-Ended Adjustable**

Manufactured from drop forged chrome vanadium steel.



**3
JAW**

**UP TO
175mm
REACH**

Product Number	Spread (mm)	Reach (mm)	Thread Length	Order Code KEN-503	List Price/1	Offer Price/1
MP375	40 - 75	60	125	-3130K	£20.69	£12.83
MP3100	50 - 100	70	160	-3140K	£29.79	£18.47
MP3150	60 - 150	120	240	-3160K	£48.84	£30.28
MP3200	80 - 200	175	335	-3180K	£84.19	£52.20

Spare Jaws (Supplied individually)

To Suit Puller	Order Code KEN-567	Offer Price/1
MP375	-5330K	£4.88
MP3100	-5340K	£7.39
MP3150	-5360K	£13.47
MP3200	-5380K	£26.95



**Mechanical Puller -
2 Jaws**

Industrial Reversible/Double-Ended

The double-ended reversible/double-ended drop forged steel jaws, are heat treated for strength and durability. They can be used internally or externally.

083100:

Spread: 200mm.

Reach: 140mm.



**300mm
REACH**

**2
JAW**

Product Number	Weight each	Order Code SYK-503	List Price/1	Offer Price/1
083100	2.20kg	-2151B	£99.50	£78.61

Long Reach Mechanical Puller - 2 Jaw

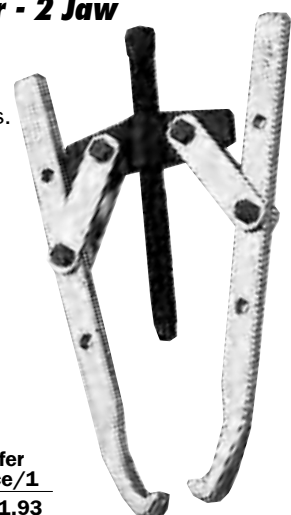
Industrial Reversible/Adjustable

The points at which the jaws are attached to the pulling frame, are adjustable providing more pulling options.

083300

Spread: 350mm.

Reach: 380mm.



**380mm
REACH**

**2
JAW**

Product Number	Weight each	Order Code SYK-503	List Price/1	Offer Price/1
083300	12.0kg	-2153D	£167.00	£131.93



Mechanical Puller - Combination Sets

2 & 3 Jaw Reversible Adjustable

Two position jaws can be adjusted for increased pulling options.

Spread: 60mm.

Reach: 50mm.

**2&3
JAW**

**50mm
REACH**

Product Number	Weight each	Order Code SYK-503	List Price/1	Offer Price/1
082300	0.30kg	-2100N	£44.95	£35.51

General Purpose Set

2/3 Jaw Reversible/Double Ended/Adjustable

For a wide range of pulling options.

660360

Spread: 100mm.

Reach: 75mm.

2 Jaw

660290

Spread: 100mm.

Reach: 75mm.

**2&3
JAW**

**75mm
REACH**

Product Number	Weight each	Order Code SYK-503	List Price/1	Offer Price/1
660360	1.2kg	-6360N	£49.95	£39.46

Mechanical Pullers

2/3 Jaw General Purpose

Double ended reversible legs, for internal and external applications.

082705

Spread: 150mm.

Reach: 80mm.

082805

Spread: 200mm.

Reach: 140mm.

**2&3
JAW**

**UP TO
140mm
REACH**

Product Number	Beams	Order Code SYK-503	List Price/1	Offer Price/1
082705	2/3 Jaw	-2110T	£79.95	£63.16
082805	2/3 Jaw	-2120M	£155.00	£122.45

Thin/2 Jaw Mechanical Pullers

Manufactured from forged steel, with thin jaws for access where the clearance behind the component is limited.

086000

Spread: 75mm. **Reach:** 75mm.

086100

Spread: 150mm. **Reach:** 150mm.

086200

Spread: 225mm. **Reach:** 225mm.

Product Number	Weight each	Order Code SYK-503	List Price/1	Offer Price/1
086000	0.85kg	-2250A	£82.50	£65.18
086100	3.70kg	-2253D	£149.50	£118.11
086200	6.00kg	-2260M	£189.00	£149.31

**2
JAW**

**UP TO
225mm
REACH**



Mechanical Puller - Industrial Kits

2 & 3 Jaw Reversible/Double Ended/Adjustable

Manufactured from chrome vanadium steel. Each kit contains the components to assemble a 2 or 3 jaw external or internal puller. The legs can be set at two different height positions.

Inner and outer reversible, two height position jaws

x3
Pivot bolt

Three jaw yoke

Two jaw yoke

x6

Connecting plate

Drive screw

Assemble to produce:

3 jaw external configuration.

**2&3
JAW**

**UP TO
200mm
REACH**

Assemble to produce:

2 jaw external configuration.

Spread (mm)	Reach (mm)	Thread Length	Order Code KEN-503	List Price/1	Offer Price/1
41 - 53	75	80	-3230K	£32.16	£19.94
40 - 87	100	100	-3240K	£46.17	£28.63
60 - 139	150	165	-3260K	£75.67	£46.92
80 - 194	200	240	-3280K	£105.41	£65.35

Spare Jaws (Supplied individually)

To Suit Puller	Order Code KEN-567	Offer Price/1
41 - 53mm	-5330K	£4.88
40 - 87mm	-5340K	£7.39
60 - 139mm	-5360K	£13.47
80 - 194mm	-5380K	£26.95

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Bearing Separators



For removing bearings, gears and bushes from shafts where access with a mechanical puller is restricted. Separators have tapered edge for insertion behind close fitting bearings, gears and bushes.

Jaw hardness:
42° - 45° HRC.

**UP TO
150mm
CAPACITY**



Product Number	Capacity (mm)	Order Code	List Price/1	Offer Price/1
BS50	30 - 50	-4520K	£28.95	£17.95
BS75	50 - 75	-4540K	£34.95	£21.67
BS105	75 - 105	-4560K	£44.95	£27.87
BS150	105 - 150	-4580K	£125.95	£78.09

Mechanical Separator Set

30 - 75mm

For removing bearings, gears, sprockets and bushes. Metal storage case.

Contents:

- 1x 7" thrust bolt.
- 1x 30 - 50mm separator.
- 1x 50 - 75mm separator.
- 2x 80 and 100mm main rods.
- 2x 90 and 110mm extension rods.
- 1x beam.



**8
PIECES**

Product Number	Weight each	Order Code	List Price/1	Offer Price/1
MS12	4.95kg	-4750K	£109.95	£68.17

Internal Extractor Kits

The collets are precision machined, supplied complete with sliding hammer assembly. For removing rapidly and efficiently gears, bearings, pinions, oil seals when conventional pullers cannot be used. Collets close down to allow passage through a bore and then 'wind' out to grip the blind side of the component.



Product Number	Diameter Min.	Diameter Max.	Weight each	Order Code	List Price/1	Offer Price/1
095801	6.0	13.0	2.10kg	-2506P	£119.50	£94.41
095800	6.0	60.0	8.30kg	-2505M	£505.00	£398.95
095802	13.0	30.0	2.50kg	-2507Q	£146.00	£115.34
095804	8.0	22.5	3.70kg	-2508P	£194.00	£153.26
095813	18.0	22.5		-2512E	£39.95	£31.56
095814	22.5	30.0		-2513G	£43.50	£34.37

Collets Other sizes available on request.

Product Number	Diameter Min.	Diameter Max.	Weight each	Order Code	List Price/1	Offer Price/1
095810	8.0	11.0		-2509Y	£27.95	£22.08
095811	10.5	13.0		-2510A	£27.95	£22.08
095812	13.0	18.0		-2511C	£35.50	£28.05

Sykes-Pickavant

Bearing Separator & Puller Set

Bearing separator with two interchangeable thin jaw puller legs. Puller has a 75mm spread and reach. The separator has a maximum diameter of 55mm and a reach of 115mm.



**115mm
REACH**

**55mm
CAPACITY**

Product Number	Capacity (mm)	Weight each	Order Code	List Price/1	Offer Price/1
093005	75/55	2.00kg	-2301B	£128.50	£101.52

Separator & Puller Combination Set

Set contains components to make five different puller/separator combinations: 10mm, 89mm reach three jaw internal or external puller. Thin jaw, two jaw puller internal or external. 55mm diameter separator.



**2&3
JAW**

**89mm
REACH**

Product Number	Capacity (mm)	Weight each	Order Code	List Price/1	Offer Price/1
094003	10	2.95kg	-2403D	£182.50	£144.18

'Multipull' Blind Housing Pullers

For the removal of blind housing bearings without the need to dismantle machinery or remove the bearing shaft. Positive seating allows even tension on the inner and outer bearing rings reducing resistance. The stabilisers reduce sideways movement and self centres the puller. The three sets cover a range of ISO bearings, if there is no ISO reference on the bearing refer to the puller spread and adaptor.

098000 - ISO designation: 6004-6010, 6004-6015.
Reach: 125mm. **Adaptor diameter:** 5.5 - 8mm.

098100 - ISO designation: 6299-6205, 6200-6211 and 6212-6222.

Reach: 415mm.
Adaptor diameter: 5.5 - 12.5mm.



Product Number	Diameter Min.	Diameter Max.	Weight each	Order Code	List Price/1	Offer Price/1
098000	20	95	0.85kg	-2600A	£134.50	£106.26
098100	20	117	3.15kg	-2610H	£276.50	£218.44



**Mechanical
Puller Sets**

SWP9 Steering Wheel

Suitable for GM, Ford and Chrysler vehicles. Also suitable for removing pulleys and fly wheels.

Contents:

- 1x yoke,
- 1x thrust bolt.
- 1x thrust cap.
- 2x 75mm screws (5/16" x 24 UNF).
- 2x 75mm screws (3/8" x 16 UNC).
- 2x 90mm screws (5/16" x 18 UNC).
- 1x plastic storage tray.



HPB9 Harmonic Balance

For harmonic balance removal, timing gears and other parts with bolt circle diameters from 38 to 117mm (1 1/2" to 4 5/8"). Ductile steel yoke.

Contents:

- 1x yoke.
- 1x thrust bolt.
- 1x ram nut.
- 3x 75mm screws (3/8" x 24 UNF).
- 3x 75mm screws (3/8" x 16 UNC).
- 1x plastic storage tray.



CP18 Combination

Steering wheel puller suitable for GM, Ford and Chrysler vehicles. For harmonic balance removal, timing gears and other parts with bolt circle diameters from 38 to 117mm (1 1/2" to 4 5/8").

Contents:

As SWP9 and HPB9 above.



Model Number	Weight each	Order Code KEN-503	List Price/1	Offer Price/1
SWP9	1.00kg	-3400K	£16.03	£9.94
HPB9	1.80kg	-3420K	£27.74	£17.20
CP18	2.75kg	-3440K	£45.95	£28.49

Slide Hammer Puller Set

Multi-function

Fully hardened and chromed carbon steel slide hammer with a 1.2kg weight. Slide hammer design for removing bearings from blind housings. Suitable for use where a shaft or other solid surface is not available for a thrust bolt or hydraulic ram to push against. The bearing is removed by the impact action of the slide hammer weight hitting the stop at the end of the bar. The puller legs are securely located on the bearing by screwing down the tapered nut to lock the arms in position. Blow moulded storage case.

Contents:

- 1x T-bar.
- 1x hammer.
- 1x two jaw head.
- 1x three jaw head.
- 1x leg locking nut.
- 1x grip wrench adaptor.
- 1x tapping adaptor and hook.
- 2x axle pullers.
- 3x 120mm puller legs,
- 3x screw and nut assemblies.
- 1x blow moulded storage case.

**15
PIECES**



Model Number	Weight each	Order Code KEN-503	List Price/1	Offer Price/1
SHP8	8.20kg	-3480K	£110.31	£68.39

Slide Hammer Assembly

For use with Sykes-Pickavant split collar type internal extractors.

Hammer displacement: 220mm.



Product Number	Weight each	Order Code SYK-503	List Price/1	Offer Price/1
085421		-2210L	£56.00	£44.24

Slide Hammer Puller Set

**3 Jaw Internal & External
Multi-function
Slide Hammer Puller Set**

Fully hardened and chromed carbon steel slide hammer with a 1.2kg weight. Slide hammer design for removing bearings from blind housings. Suitable for use where a shaft or other solid surface is not available for a thrust bolt or hydraulic ram to push against. The bearing is removed by the impact action of the slide hammer weight hitting the stop at the end of the bar. The puller legs are securely located on the bearing by screwing down the tapered nut to lock the arms in position. Blow moulded case.

6 Piece Set Contents:

- 1x T-bar.
- 1x hammer 1.2kg.
- 1x 3 jaw internal puller 15 - 30mm.
- 1x 3 jaw internal puller 30 - 80mm.
- 1x 3 jaw external puller 15 - 80mm.
- 1x blow moulded case.

**6
PIECES**



**3
JAW**



Model Number	Weight each	Order Code KEN-503	List Price/1	Offer Price/1
IEP	4.95kg	-3340K	£131.64	£81.62

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QUALITY IN EVERY MOLE OF STEEL

6 Way Hydraulic Puller Set



10 ton capacity hydraulic ram
with tommy bar.
Supplied with three position puller
legs covering a spread
of 50 - 250mm and reach
of 0 - 250mm.
Can be used as a two or three
legged puller with the same head.

Contents:

- 1x combination head.
- 1x hydraulic ram.
- 3x three position puller
legs.
- 6x leg connectors.
- 6x screw nuts, bolts and
washers.
- 1x 50mm extension rod.
- 1x centre adaptor.
- 1x blow moulded storage
case.



**2&3
JAW** **250mm
REACH**

Model Number	Weight each	Order Code KEN-503	List Price/1	Offer Price/1
HP19	4.90kg	-3500K	£155.95	£96.69

Hydraulic Ram

10 ton capacity grease filled hydraulic ram with spring loaded
plunger. Provides direct non-twisting application of thrust that is more
effective and secure than a mechanical thrust screw.
Fully threaded body allows for quick and easy height adjustment.



Model Number	Weight each	Order Code KEN-503	List Price/1	Offer Price/1
HR10T	1.40kg	-7200K	£77.95	£48.33
Model Number	Weight each	Order Code KEN-567		Offer Price/1
Seal Repair Kit		-8230K		£8.35

Sykes-Pickavant

Hydraulic Pullers – 2 and 3 Jaw Kits

Combination twin/triple leg puller kits.
Complete with ram extension offer a wide range of pulling options.
Wide range of kits to suit most applications.

153405:

Spread: 100mm. **Reach:** 100mm.

Extension: 50mm. In promotion box.

155000:

Spread: 150mm. **Reach:** 150mm.

Extension: 50mm.

Contains components to make up 4 different pullers. In metal box.

155100:

Spread: 250mm. **Reach:** 250mm.

Extension: 50/100/150mm. In metal box.



**2&3
JAW** **UP TO
250mm
REACH**

Product Number	Weight each	Order Code SYK-503	List Price/1	Offer Price/1
153405	3.70kg	-2831A	£181.25	£143.19
155000	8.20kg	-2850A	£257.75	£203.62

Hydraulic Ram

Applies exceptional direct thrust with ease.
Can be used with bearings up to 140mm.



Description	Product Number	Order Code SYK-503	List Price/1	Offer Price/1
Ram	150000	-2800A	£78.25	£61.82
Length (mm)	Product Number	Order Code SYK-503	List Price/1	Offer Price/1
50 (2")	152422	-2803D	£6.95	£5.49
100 (4")	152624	-2811M	£8.75	£6.91
150 (6")	152726	-2814Q	£12.00	£9.48



Hydraulic Separator & Puller Combination Set

Manufactured from forged alloy steel. Taper jaws allow the separator to be used where access behind the component is too restricted to use normal pullers. Makes four hydraulic pullers and one separator. In lockable metal case.

Spread: 250mm.
Reach: 250mm.
50/100/150mm.



**2&3
JAW** **UP TO
150mm
REACH**

Product Number	Diameter Min. Max.	Weight each	Order Code SYK-503	List Price/1	Offer Price/1
155200	10 105	19.0kg	-2857H	£458.75	£362.41

Hydraulic Puller

Have a simple, grease filled ram instead of the mechanical force screw. This produces more power easily and efficiently. The spring loaded plunger provides direct, non-twisting application of thrust safely.

Hydraulic Micro Puller - 3 Jaw

The jaws are manufactured from drop-forged steel with independent leaf springs for positive location. Suitable for the rapid removal of small bearings.

Spread: 19 - 45mm.
Reach: 73mm.

**73mm
REACH**



Product Number	Weight each	Order Code SYK-503	List Price/1	Offer Price/1
082150		-2100C	£73.50	£58.07

Thin Jaw Hydraulic Puller - Combination Set

Manufactured from forged steel, with thin jaws for access where the clearance behind the component is limited.

Hydraulic 2 & 3 Jaw Kit 186504:

Spread: 225mm.
Reach: 225mm.
Extension: 50/150mm.
Contains components to make up to five different hydraulic and one mechanical thin jaw puller. In metal box.

**2&3
JAW** **225mm
REACH**



Product Number	Weight each	Order Code SYK-503	List Price/1	Offer Price/1
186504	15.0kg	-2906N	£620.00	£489.80



Hydraulic Separator Sets

HS7 105 - 150mm
HS11 75 - 105mm

For removing bearings, gears, sprockets and bushes. 10 ton capacity hydraulic ram with tommy bar. Metal storage case.

Both sets contain:
1x hydraulic ram.
1x separator.
2x 200mm main rods.
2x 230mm extension rods.
1x beam.
1x ram nut.
HS7 (only) also contains
1x 80mm push plate.
1x 50mm ram extension.
1 x 100mm ram extension.

**8
PIECES**



HS7 Set Illustrated

Product Number	Weight each	Order Code KEN-503	List Price/1	Offer Price/1
HS7	15.0kg	-4700K	£210.95	£130.79
HS11	9.30kg	-4720K	£144.95	£89.87

Hydraulic Puller/ Separator Set

10 ton capacity hydraulic ram with tommy bar. Suitable for agricultural machines, garage and industrial use.

Contents: (KEN-503-7200K)

1x hydraulic ram.
3x 4", 6" and 8" puller legs.
1x twin head.
1x triple head.
1x 50mm ram extension.
1x 100mm ram extension.
2x 200mm main rods.
2x 230mm extension rods.
1x 75 - 105mm separator.
1x bolt.
1x ram ring.
1x ram nut.
Blow moulded storage case.



Model Number	Weight each	Order Code KEN-503	List Price/1	Offer Price/1
HPS22	16.0kg	-3520K	£279.95	£173.57

KENNEDY
QUALITY INDEPENDENCE INNOVATION

Ball Joint Separators

Manufactured from drop forged alloy steel with slim tapered fork jaw for easier access into confined areas. Suitable for use on most car and light commercial vehicle ball joints.

100mm Overall Length - Restricted Access

Designed for use in hard to reach and confined areas.

Mainly for use on Asian import cars.



100mm
overall length



160mm
overall length

Overall Length	Capacity	Throat Depth	Throat Width	Weight each	Order Code KEN-503	List Price/1	Offer Price/1
100mm	22mm	22mm	22mm	740g	-1400K	£24.95	£15.47
160mm	45mm	22mm	18mm	1120g	-4400K	£36.31	£22.51

Ball Joint Servicing Kit

Made from cast iron and hardened carbon steel, this kit is designed for the removal of press fit type ball joints without having to remove the control arm from the vehicle. The kit can also be used for removing brake anchor pins and the servicing of universal joint bearings.



Description	Weight each	Order Code KEN-503	List Price/1	Offer Price/1
Ball Joint Servicing Kit		-1300K	£124.93	£77.46

Spring Compressor Sets

Hardened steel screws and cast steel claws.

2 Legged

Central hexagonal drive with wrap over coil claws which can be reversed for spreading applications. Suitable for use on cars and light commercial vehicles. Use with 21mm/¹³/₁₆" AF open ended spanner.

Maximum jaw opening: 250mm.

3 Legged

Each leg has one free moving claw and one threaded claw with a ¹/₂" square drive or 24mm hexagon drive - can be used with air tools or spanners. Fitted with safety hooks to prevent accidental release. Suitable for use on cars and commercial vehicles and allows safe compression of heavier springs.

Maximum jaw opening: 240mm.



Product Number	Number of Legs	Weight each	Order Code KEN-503	List Price/1	Offer Price/1
CCD225	2	1.20kg	-2410K	£34.95	£21.67
CCD324	3	3.00kg	-2420K	£56.95	£35.31

Sykes-Pickavant

Lever Type Ball Joint Separators

Tapered steel jaw, for quick and easy use on most cars and light vans.

660490:

Throat depth: 69mm.

Overall length: 195mm.



081600:

Throat depth: 72mm.

Overall length: 254mm.



Product Number	Capacity (mm)	Weight each	Order Code SYK-503	List Price/1	Offer Price/1
660490	19	680g	-6490K	£9.95	£7.86

Heavy Duty Ball Joint Separator

Strengthened steel body and forks. The longer length allows greater force to be applied to separate the ball joint, can be used from outside the wing.

Throat depth: 88mm. **Overall length:** 420mm.



Product Number	Capacity (mm)	Weight each	Order Code SYK-503	List Price/1	Offer Price/1
080600	18	1.10kg	-2002B	£32.50	£25.68

Hydraulic Ball Joint Separator

Manufactured from hardened steel with tough epoxy coating. Tapered fork for easy access. Hydraulic ram allows up to eight tonnes of force to be applied.

Jaw opening: 70mm.

Throat width: 36mm.

Throat depth: 50mm.



Product Number	Capacity (mm)	Weight each	Order Code SYK-503	List Price/1	Offer Price/1
180700	70		-2891H	£245.00	£193.55

Medium Duty Ball Joint Separator

Manufactured from hardened steel with tough durable epoxy coating. The lever can be set to one of its four positions simply by releasing the pivoting pin. The tapered slim fork allows easy access. Suitable for use on most car and light commercial ball joints.

Throat depth: 36mm.



Product Number	Capacity (mm)	Weight each	Order Code SYK-503	List Price/1	Offer Price/1
080700	70	1.70kg	-2003C	£139.50	£110.21

Coil Spring Compressor

For use on Macpherson struts to remove coil springs safely and easily.

Overall length: 365mm.



Product Number	Capacity (mm)	Weight each	Order Code SYK-503	List Price/1	Offer Price/1
083800	270	2.15kg	-2158J	£95.00	£75.05

AST Universal Sprocket Holding Tool

AST4394

An essential tool for many timing belt replacement applications. Used to counter-hold camshaft or injection pump sprockets during release of centre bolt.



Product Number	Order Code	List Price/1	Offer Price/1
AST4394	-4394H	£27.90	£25.11

Noid Light 6 Piece Test Set

NLT060

The Kennedy® Noid light test set is for diagnosing fuel injector signal faults fast. Simply disconnect the injector harness and plug in the relevant noid light. Turn the ignition on - if the light is constant or absent, then the signal from the ignition system is at fault. Easy to use and fits a wide variety of injector harnesses.

Compatible with: GM - TBI GM - SCPI. GM - PFI
FORD - TBI GEO - TBI BOSCH - PFI

**6
PIECES**



Product Number	Number of Pieces	Order Code	List Price/1	Offer Price/1
NLT060	6	-5020K	£19.95	£12.37

Universal Sprocket Locking Device

AST4500 Multi-lock II

For twin cam and quad cam engines. A uniquely adjustable tool which locks into the teeth of sprockets to retain them on timing marks during timing belt replacement/engine overhaul. 'Acts as a second pair of hands' . . . helping to retain cam sprockets whilst you are positioning the timing belt around crank, injection pump or tensioner. Incorporates 'variable pitch' adjustable arms to cover various sprocket diameters and tooth pitch. Design feature also covers 'flanged sprocket' applications. Also suitable for 'locking' between cam and diesel injection pump sprockets on certain diesel engine applications.



Product Number	Order Code	List Price/1	Offer Price/1
AST4500	-4500N	£62.85	£56.57

Extension Bridge Piece

AST4501

(For use with AST4500 Multi-lock). Fitted between the adjustable arms to provide even greater application coverage. Extends distance between locking arms where sprockets are further apart.



Product Number	Order Code	List Price/1	Offer Price/1
AST4501	-4501P	£4.10	£3.69

KENNEDY Standard Timing Light

For checking and setting ignition timing on automotive, agricultural and marine engines. For use on 12V systems. Reverse polarity protected. Accurate to 8,000rpm. 135cm long durable power leads. Impact resistant housing. On/off trigger switch. Bright linear Xenon flash tube for daylight use. Focused lens provides concentrated light. Easy to apply inductive impulse pick-up.



Description	Order Code	List Price/1	Offer Price/1
Standard Timing light	-5340K	£57.95	£35.93

Advance Timing Light

For checking and setting ignition timing on automotive, agricultural and marine engines. Measures ignition spark advance from 0 - 60°. For use on 12V systems. Reverse polarity protected. Accurate to 8,000rpm. 1m long removable coiled power leads. Impact resistant metal case and rubber nose cone. On/off trigger switch. Bright linear Xenon flash tube for daylight use. Focused lens provides a concentrated light. Easy to apply inductive impulse pick-up. Built in check light.



Description	Order Code	List Price/1	Offer Price/1
Advanced Timing light	-5320K	£64.95	£40.27



Radio Release Master Set

RRM046

Radio release master set contains a comprehensive set of high quality tools suitable for authorised release and removal of in-car entertainment units. These professional tools, have a chromed finish and are manufactured from heavy-gauge materials to ensure these tools will not distort in general use.

Supplied in foam lined aluminium carry-case. Compatible with the following makes of in car entertainment units: Audi, Becker, Becker from 2002, Blaupunkt, Blaupunkt from 2002, BMW, Clarion - New, Clarion - Old, Fiat Brava, Bravo & Marela, Grundig, JVC, Kenwood II to 2001, Kenwood III from 2002, Mercedes Benz, Opel, Opel-Inbus, Panasonic, Panasonic from 2006, Pioneer, Porsche, Skoda from 2002, Sony I to 2001, Sony II from 2002, VW.

**46
PIECES**



Product Number	Number of pieces	Order Code KEN-503	List Price/1	Offer Price/1
RRM046	46	-1560K	£139.95	£86.77

Diesel Injection Pump Puller

For the removal of diesel injection pumps from the following engines:

DPP010



DPP020



DPP030



Product Number	Suitable for the following engines	Order Code KEN-503	Offer Price/1
DPP010	Landrover Freelander (Td4) & Rover 75 2.0d (M47R)	-1620K	£19.83
DPP020	BMW M47/57 Engines	-1630K	£23.88
DPP030	2.5TDS (BMW, Landrover, Vauxhall, OPEL)	-1640K	£15.64

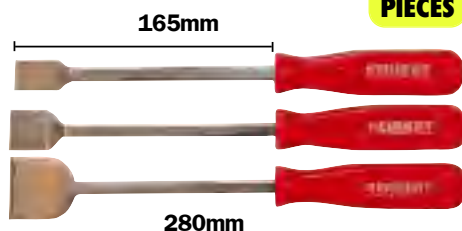
Gasket Scraper Set

Long Handled Gasket Scraper Set

For cleaning cylinder heads and removing old sealants and carbon build up. Hardened and tempered carbon steel shanks and heads are 'offset to edge' to allow easy scraping of flat surfaces. Simple 'firmer' style bevelled points with longer head lengths allow for scrapers to be re-ground several times for maximum service life. Impact resistant square section handle for secure grip even when greasy. Set includes blade widths: 19mm (3/4"), 25mm (1") and 38mm (1 1/2").

Overall length: 280mm (11").

**3
PIECES**



Model Number	Weight each	Order Code KEN-503	List Price/1	Offer Price/1
GSL338	530g	-1700K	£22.87	£14.18

Spark Plug Hole Thread Chaser



Double ended for 14mm and 18mm plug hole threads. Cleans corrosion and carbon build-up from female spark plug threads and sensor sockets. Repairs minor cross threading damage. Use with 21mm deep socket



Type	Order Code KEN-503	List Price/1	Offer Price/1
Spark Plug	-2750K	£9.25	£5.74

Spark Plug Brush Set

Set of three: nylon, brass and stainless steel.

**3
PIECES**



Type	Order Code KEN-503	Offer Price/1
Spark Plug Brushes (Set of 3)	-5000K	£2.72

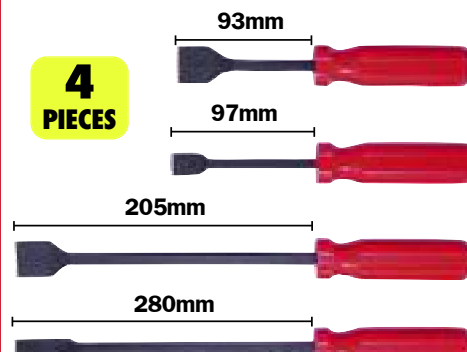
Standard Length Gasket Scraper Set

Rigid carbon scrapers ideal for cleaning cylinder heads, removing old sealants, carbon build up and a variety of general multipurpose automotive applications.

Set includes blade lengths:

205 x 13mm (8" x 1/2"), 205 x 25mm (8" x 1"), 93 x 25mm (3 1/2" x 1"), 97 x 15mm (3 3/4" x 5/8").

**4
PIECES**



Number of Pieces	Weight each	Order Code KEN-503	List Price/1	Offer Price/1
4	1.10kg	-1980K	£23.06	£14.30

Viscous Hub Spanners

For the removal of thermal viscous fan hubs. Suitable for most makes of car.

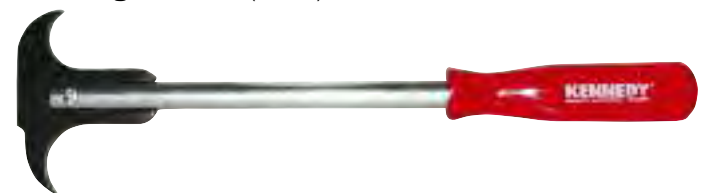


Size (mm)	Weight each	Order Code KEN-503	List Price/1	Offer Price/1
32	325g	-1850K	£7.98	£4.95
36	315g	-1860K	£7.98	£4.95

Seal Puller Tool

Two size tips allow you to remove oil or grease seals from virtually anything including wheel bearings, transmission housings, etc. Hardened and tempered carbon steel shank and head with oxidised finish tips, chrome plated shank for protection against corrosion. Impact resistant square section handle for secure grip even when greasy.

Overall length: 310mm (12 1/4").



Model Number	Weight each	Order Code KEN-503	List Price/1	Offer Price/1
SPT312	365g	-2900K	£8.25	£5.12



Oxygen 'EGO', 'O2', 'Lambda' Sensor Socket Set

Three piece universal set. Essential for servicing today's computer-controlled vehicle systems. Easily removes exhaust gas oxygen sensors (known as 'EGO', 'O2' or 'Lambda' sensors), vacuum switches and pressur, Vauxhe switches. Also suitable for diesel injectors found on Mitsubishi, Nissan, Opelall and VW vehicles.



**3
PIECES**

Set contains:

22mm (7/8") hex, 1/2" square drive socket with 7.5mm side slot for sensor wire clearance. Socket has 22mm hex for use with a spanner. **Overall length: 80mm.**

22mm (7/8") hex, crow's foot style wrench, 1/2" square drive (double square for easy access). With full length 11mm slot for total clearance of switch/sensor wire

22mm (7/8") hex, crow's foot style wrench, 3/8" square drive. With full length 8.6mm slot for total clearance of switch/sensor wire.

Description	Order Code KEN-503	List Price/1	Offer Price/1
Sensor Socket Set	-8020K	£35.86	£22.23

Rear Axle Bush Installation Tool

For the in-situ installation of the rear axle mounting bushes on selected: VW and Audi vehicles such as Audi A3, VW Bora and Golf IV.



Product	Order Code KEN-503	List Price/1	Offer Price/1
Rear Axle Bush Tool	-1550K	£107.05	£66.37

Oxygen Sensor Socket

1/2" square drive. 22mm hex. x 90mm length. Cutaway section allows socket to pass overwiring.



Type	Order Code KEN-503	List Price/1	Offer Price/1
Oxygen Sensor Socket	-2760K	£10.45	£6.48

Exhaust Doughnut Puller

To enable fast Installation or removal of rubber anti-vibration mounting rings found on modern exhaust systems. Puller has offset hook for easier application and dipped vinyl handle for added comfort and extra grip. Manufactured from hardened steel.

Length: 290mm.

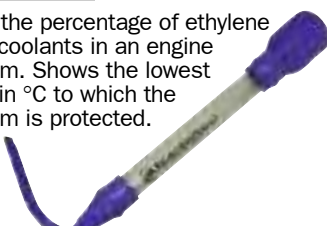


Model Number	Weight each	Order Code KEN-503	List Price/1	Offer Price/1
EPD290	225g	-1600K	£7.75	£4.81



Anti-Freeze Tester

For checking the percentage of ethylene glycol-based coolants in an engine cooling system. Shows the lowest temperature in °C to which the cooling system is protected. Glass pipette body with rubber squeeze top.



Product Number	Weight each	Order Code SYK-503	List Price/1	Offer Price/1
032000	225g	-1518W	£11.95	£9.44

Anti-Freeze Tester

Suitable for use with Ethylene Glycol or Methanol type anti-freezes. Shows lowest temperature at which the cooling system is protected against freezing. Tough glass tube construction with an easy to read scale. For use on hot or cold engines.

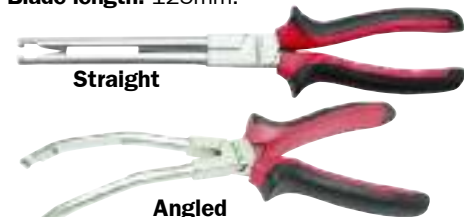


Model Number	Weight each	Order Code KEN-503	List Price/1	Offer Price/1
AFT001	140g	-1100K	£9.25	£5.74

Professional Glow Plug Connector Pliers

Suitable for the removal of hard to reach glow plug connectors found on the latest generation of engines. Made from chrome vanadium steel. Composite handle provides added comfort and control.

Blade length: 125mm.



Jaw Type	Order Code KEN-503	List Price/1	Offer Price/1
Straight	-1240K	£24.95	£15.47
Angled	-1260K	£26.95	£16.71

Mondeo Sub-Frame Bush Installation and Removal Tool



For the Removal/Installation of rear sub-frame bushes in the Ford Mondeo. Can be used in situ, no need to remove sub-frame from vehicle.

Applications: Ford Mondeo 2001, 10/2000 onwards



Product	Order Code KEN-503	List Price/1	Offer Price/1
Sub-Frame Bush Tool	-1540K	£128.47	£79.65

Magnetic Wing Cover

Designed to be used in the workshop to protect car wings when working. Manufactured from heavy duty vinyl with a soft backing to prevent any scratching or marking of paintwork when in use. The cover is held in place by magnets stitched into the material. Folds to a quarter of its length for storing.



Size (mm)	Weight each	Order Code KEN-503	List Price/1	Offer Price/1
1100 x 400	810g	-7800K	£44.95	£27.87

T-Handle Circlip® Tool

Fully adjustable internal and external Circlip® tool. Manufactured from hardened steel fitted with T-handle to give smooth precise control. Supplied with .090", .118", .150" and .170" interchangeable tips. 44 - 178mm capacity, ideal for use on commercial vehicles. **Overall length: 310mm.**



Overall Length	Order Code KEN-503	List Price/1	Offer Price/1
310mm	-4980K	£103.69	£64.29

Spare Tips

Tip Size	Order Code KEN-567	Offer Price/1
0.090	-9100K	£4.58
0.118	-9110K	£4.58
0.150	-9120K	£4.58
0.170	-9130K	£4.58

KENNEDY
QUALITY TOOLING

Adjustable Locking Roofbars

RRB110

Easy to fit bars, no extra tools required. Manufactured from coated aluminium, complete with adjustable rubber faced foot packs. Designed to fit on to original car manufacturers roof rails. Maximum load 80kg, minimum spread 900mm, maximum spread 1100mm. Locking keys included. Supplied in pairs.



Maximum Load	Weight each	Order Code KEN-503	List Price/1	Offer Price/1
80kg		-7460K	£84.66	£52.49

Fluorescent Warning Triangle

Manufactured from ABS plastic. This simple folding design combines a sturdy four footed base with its rubber grip feet and a high visibility interlocking triangle conforming to European Standard ECE R27 and tested to E1 specifications. Supplied in a low profile plastic carrying case.

Triangle dimensions:

440mm (each side).

Triangle height:

380mm.



Description	Order Code KEN-503	List Price/1	Offer Price/1
Warning Triangle	-8400K	£9.95	£6.17

SENATOR
QUALITY TOOLING

Telescopic Wheel Wrench

Manufactured from drop forged chrome vanadium steel. Supplied with 17/19mm double ended socket that will fit the majority of car wheel nuts. Can be used with any other 1/2" drive accessories. Extends to 500mm overall to give maximum leverage. GS and TUV approved.



Drive	Weight each	Order Code SEN-503	List Price/1	Offer Price/1
1/2"	1.00kg	-9000K	£7.38	£5.61

4000kg Elasticated Tow Rope

Model TRE400

Two zinc plated steel safety hooks. Elasticated core minimises drag on overrun. Heavy duty stitched webbing. On tow sign. Manufactured to BS AU 187 1983.

Extended length: 4m.



Length	Order Code KEN-503	List Price/1	Offer Price/1
4m	-8240K	£26.95	£16.71

2000kg Tow Rope

Model TRP200

Zinc plated steel safety hook. Looped one end. Manufactured from tough high visibility polypropylene. On tow sign. Manufactured to BS AU 187 1983.

Length: 3.6m.



Length	Order Code KEN-503	List Price/1	Offer Price/1
3.6m	-8220K	£8.80	£5.46

Steel Jerry Cans

Manufactured from 16 swg steel. Suitable for storing petrol. Suitable for storing and transportation of diesel, paraffin and motor oil. With lever type safety sealing cap and integral carrying handle. Painted outside and phosphated internally. UN Approved, Class 3.



Capacity	Order Code KEN-503	List Price/1	Offer Price/1
5ltr	-9270K	£27.94	£17.32
10ltr	-9260K	£35.95	£22.29
20ltr	-9250K	£41.95	£26.01

Metal Spouts For Jerry Can

Capacity	Order Code KEN-503	List Price/1	Offer Price/1
5 & 10ltr	-9300K	£13.45	£8.34
20ltr	-9320K	£12.75	£7.91

5ltr Fuel Container

Suitable for transporting and storage of petroleum spirit and diesel. UN approved, conforms with S.I.

1982/630

Petroleum Spirit
Plastic Container
Regulations 1982.

Colour coded:

Black For diesel.

Red For leaded fuel.

Green For unleaded/
lead-free fuel.



Colour	Weight each	Order Code KEN-503	List Price/1	Offer Price/1
Red	630g	-9010K	£9.45	£5.86
Green	630g	-9020K	£9.45	£5.86
Black	630g	-9030K	£9.45	£5.86

Non-Approved Fuel Container

Durable polyethylene containers. Diesel, petrol, chemical and oil resistant. Integral rigid dispensing spout.



Capacity	Weight each	Order Code KEN-503	List Price/1	Offer Price/1
5ltr	320g	-9100K	£8.98	£5.57
10ltr	500g	-9120K	£10.33	£6.40
20ltr	755g	-9140K	£15.53	£9.63

Steel Fuel Can

Manufactured from heavy gauge steel with an epoxy coated finish. Supplied with a flexible polythene vented pouring spout. Suitable for storage and transportation of petroleum spirit. Tested to DIN 7274, complies with UN Class 3.



Capacity	Weight each	Order Code KEN-503	List Price/1	Offer Price/1
10ltr	1.90kg	-9200K	£30.87	£19.14

KENNEDY
QUALITY TOOLING

Mini Air Compressor/ Pressure Gauge/Tyre Inflator

For inflating tyres, airbeds, boats, sports equipment and any other inflatable products. Complete with 3m of cable 12V car cigarette lighter plug, nozzles and adaptors. The dual air pressure gauge can be read in both lb/in² and kg/cm². 300psi.



Voltage	Weight each	Order Code	List Price/1	Offer Price/1
12	1.3kg	KEN-503	£22.95	£14.23

Air Line Tyre Inflator

This push on type tyre inflator is robust and has a dial type pressure gauge reading up to a maximum of 170psi. The pressure gauge is protected from accidental damage by a rubber shock guard.



Max. Pressure Reading	Weight each	Order Code	List Price/1	Offer Price/1
170psi	720g	KEN-503	£51.14	£31.71

Heavy Duty Air Line Tyre Inflator with Gauge

This heavy duty push on inflator is of rugged construction and has a clear view integral pressure gauge reading from 10 - 120psi.



Max. Pressure Reading	Weight each	Order Code	List Price/1	Offer Price/1
120psi	635g	KEN-503	£65.95	£40.89

Deluxe Type Tyre Pressure Gauge

Manufacturers recommended pressures are based on cold tyre readings. This pressure gauge has a long body, ideal for use on cars, vans, lorries, plant and equipment. It is very robust in construction and has a maximum pressure reading of 120psi.



Max. Pressure Reading	Weight each	Order Code	List Price/1	Offer Price/1
120psi	230g	KEN-503	£54.95	£34.07

SENATOR
QUALITY TOOLING

Single Cylinder Foot Pump

Steel barrel, preset pressure gauge, rubber foot-rest pad. Standard thumb-lock connector. 24" hose length. Capacity: 0 - 7bar/0 - 7kgfcm² (100psi).

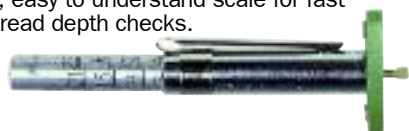


Capacity	Weight each	Order Code	List Price/1	Offer Price/1
0 - 7 bar		SEN-503	£10.95	£8.32

Sykes-Pickavant

Tyre Tread Depth Gauge

Vehicle Inspectorate approved for MoT testing. Pocket sized, complete with clip and clear, easy to understand scale for fast tyre tread depth checks.



Product Number	Weight each	Order Code	List Price/1	Offer Price/1
032800		SYK-503	£6.50	£5.14

Pencil Type Tyre Pressure Gauge

This push-on gauge is suitable for cars, vans and light commercials, where readings of up to 120psi are necessary. It is of chrome plated brass construction with a pen type pocket clip.



Max. Pressure Reading	Weight each	Order Code	List Price/1	Offer Price/1
120psi	43g	KEN-503	£9.25	£5.74

Dial Type Tyre Pressure Gauges

This push-on type pressure gauge is graduated in psi and bar up to a maximum of 64psi (4.5bar). The reading is held until the release button is pressed.



Max. Pressure Reading	Weight each	Order Code	List Price/1	Offer Price/1
64psi	125g	KEN-503	£17.45	£10.82

BATY Digital Tyre Tread Depth Gauge

Metric/inch conversion. 0.01mm/0.005" resolution. 25mm measuring range. Screw lock for retaining measurement. 1 year warranty.



Type	Order Code	Offer Price/1
TG Digital	BAT-331	£34.00

Mini Digital Tyre Pressure Gauge

Suitable for measuring of unit of pressure, psi, bar, kgf/cm² or kpa. Large LCD display.

Range: 0 - 100psi (0 - 7.0bar), 0 - 7.0kgf/cm² (0 - 700kpa).



Product Number	Weight each	Order Code	Offer Price/1
DSC00739		BAT-331	£8.00

4-Way Tyre Valve Service Tool

This case hardened tool is for the internal and external repair of valve threads, insertion and removal of valve cores.



Type	Order Code	Offer Price/1
4-Way Tyre Valve Service Tool	KEN-503	£3.26

MOORE & WRIGHT

Digital Tyre Profile Gauge

Spring loaded with a hold measurement button for ease of use. Supplied with vinyl holder.



Capacity: 0 - 25mm/1". Resolution: 0.01mm/0.0005".

Product Number	Order Code	List Price/1	Offer Price/1
MW176-01DTG	M&W-340	£14.50	£13.05

Digital Tread Depth Gauge

Suitable for tread depth, brake shoe and pad wear measurement. Large LCD display.



Power: 1.5V. Range: 0 - 25mm. Resolution: 0.1mm.

Product Number	Order Code	Offer Price/1
DSC00738	BAT-331	£10.00

Tyre Tread Depth Gauge

This handy sized tyre depth gauge is graduated in mm and 1/32" and comes with a pen type pocket clip.



Graduation	Weight each	Order Code	List Price/1	Offer Price/1
mm & 1/32"	25g	KEN-503	£6.95	£4.31

GROUPS 504/505 ENGRAVING TOOLS/COLD CHISELS

**RECORD
POWER**

Professional Engraver Kit

Model 741

With heavy duty, continuous rated motor.

Motor rating: continuous. **Points supplied:** A2, A4, A5 and A8.



Group **279**

Product Number	Voltage	Weight each	Order Code BUR-504	Offer Price/1
741-7070	240	1.00kg	-1635L	£34.77
741-7087	110	1.00kg	-1635R	£34.77

Engraving Points for Record Power Engraver

A2 For glass and steel. Solid carbide.

A4 For hardened steel. Carbide tipped.

A5 For soft metals and alloys.

A6 & A7 Ball points for metal embossing, hammering and leather work.

A8 Abrasive point for frosting glass and smoothing.

A80 Diamond point for fine glass engraving.



Product Number	Voltage	Weight each	Order Code BUR-504	Offer Price/1
740-0119	A2	50g	-1620R	£5.21
740-0041	A4	50g	-1614C	£6.08
740-0058	A5	50g	-1615E	£5.21
740-0065	A6/A7	50g	-1616G	£5.21
740-0072	A8	50g	-1618L	£5.21
740-0102	A80	50g	-1619N	£13.90

MaKonus

Electric Pencil

Used to etch metal for easy identification. Six settings allow use on softer metals without damaging the workpiece. Needles are made from a special heat resisting tungsten alloy to retain sharpness and avoid welding to the workpiece.

Settings: Alter the position of the contact plugs on the transformer to change the depth of the etching.

Application	Position
Very Fine	3 & 2
Fine	1 & 2
Medium	1 & 3
Medium Heavy	4 & 3
Heavy	2 & 4
Very Heavy	1 & 4



Description	Weight each	Order Code MKN-504	Offer Price/1
Pencil Only	0.80kg	-1102B	£76.34
Pencil & transformer	2.49kg	-1001A	£160.40
Spare Needle	0.05kg	-1304D	£16.50

SITESAFE

Contractor Flat Cold Chisels



Manufactured from high quality octagonal chrome vanadium steel with a ground cutting edge, in accordance with **BS 3066**. For use on brickwork, masonry and cold metals.



Width x Length (mm)	Octagon (mm)	Weight each	Order Code SSF-505	List Price/1	Offer Price/1
12 x 200	11		-1060K	£1.60	£1.15
12 x 200 c/w guard			-1070K	£2.65	£1.91
18 x 200	16		-1100K	£2.56	£1.84
18 x 200 c/w guard			-1110K	£3.86	£2.78
18 x 255	16		-1120K	£2.77	£1.99
18 x 255 c/w guard			-1130K	£4.07	£2.93
25 x 200	22		-1160K	£3.49	£2.51
25 x 200 c/w guard			-1170K	£5.09	£3.66
25 x 255	22		-1180K	£4.10	£2.95
25 x 255 c/w guard			-1190K	£5.70	£4.10
25 x 305	22		-1200K	£4.38	£3.15
25 x 305 c/w guard			-1210K	£5.98	£4.31

Contractor Cross Cut Chisel

Chrome Vanadium - used for channelling brickwork.



Width x Length (mm)	Octagon (mm)	Weight each	Order Code SSF-505	List Price/1	Offer Price/1
6 x 150	12		-1260K	£2.63	£1.89

Contractor Brick Bolster Chisels

Chrome vanadium - used for splitting bricks.



Width x Length (mm)	Octagon (mm)	Weight each	Order Code SSF-505	List Price/1	Offer Price/1
75 x 230	22		-1300K	£5.77	£4.15
75 x 230 c/w guard			-1310K	£7.37	£5.31
100 x 230	22		-1320K	£6.39	£4.60
100 x 230 c/w guard			-1330K	£7.99	£5.75

Contractor Electrician's Floor Chisels

Chrome vanadium - hardened and tempered cutting edge. For cutting the tongue in tongued and grooved floorboards.



Width x Length (mm)	Octagon (mm)	Weight each	Order Code SSF-505	List Price/1	Offer Price/1
55 x 230	16		-1360K	£3.82	£2.75
55 x 230 c/w guard			-1370K	£5.12	£3.69



Cold Chisels - Chrome Vanadium



Manufactured from high quality octagonal chrome vanadium steel with a ground cutting edge, in accordance with **BS 3066**.

For use on brickwork, masonry and cold metals.

Flat

Used for cutting and chipping cold metals and brickwork.

Flat Chisel Set



Number of Pieces	Contents (mm)	Weight each	Order Code KEN-505	List Price/1	Offer Price/1
3	6 x 150, 12 x 200 & 18 x 255		-7150K	£7.39	£5.03
3	12 x 150, 18 x 200 & 25 x 255		-7160K	£9.71	£6.60

Brick Bolster - Chrome Vanadium

Used for splitting bricks.



Width x Length (mm)	Octagon (mm)	Weight each	Order Code KEN-505	List Price/1	Offer Price/1
75 x 240	22		-7030K	£8.24	£6.10
100 x 240	22		-7040K	£9.13	£6.76

Flooring - Chrome Vanadium

Used for prising floorboards and cutting part of the board prior to lifting.



Width x Length (mm)	Octagon (mm)	Weight each	Order Code KEN-505	List Price/1	Offer Price/1
56 x 230	16		-7120K	£5.45	£4.03

Pitching - Chrome Vanadium

For removing excess stone and facing, bevelled on one side.



Width x Length (mm)	Octagon (mm)	Weight each	Order Code KEN-505	List Price/1	Offer Price/1
50 x 212	18		-6920K	£9.18	£6.79
62 x 212	22		-6930K	£13.04	£9.65

Width x Length (mm)	Octagon (mm)	Weight each	Order Code KEN-505	List Price/1	Offer Price/1
6 x 100	6		-1600K	£1.88	£1.39
6 x 150	6		-1620K	£1.97	£1.46
9 x 125	9		-2410K	£2.08	£1.54
9 x 150	9		-2460K	£2.17	£1.61
12 x 150	9		-3220K	£2.17	£1.61
12 x 200	9		-3240K	£2.28	£1.69
12 x 255	9		-3260K	£2.38	£1.76
12 x 305	9		-3280K	£2.57	£1.90
16 x 150	12		-4020K	£2.57	£1.90
16 x 200	12		-4040K	£2.77	£2.05
18 x 200	16		-4840K	£3.66	£2.71
18 x 230	16		-4850K	£3.96	£2.93
18 x 255	16		-4860K	£3.96	£2.93
18 x 305	16		-4870K	£4.27	£3.16
18 x 455	16		-4890K	£5.55	£4.11
25 x 200	22		-6440K	£4.98	£3.69
25 x 230	22		-6450K	£5.55	£4.11
25 x 255	22		-6460K	£5.85	£4.33
25 x 305	22		-6470K	£6.25	£4.63
25 x 355	22		-6480K	£6.73	£4.98
25 x 455	22		-6490K	£7.35	£5.44

Half Round - Chrome Vanadium

Used for channelling concrete floors.



Width x Length (mm)	Octagon (mm)	Weight each	Order Code KEN-505	List Price/1	Offer Price/1
6 x 150	12		-6620K	£3.31	£2.45
18 x 200	18		-6640K	£5.63	£4.17

Cross Cut - Chrome Vanadium

Used for channelling brickwork.



Width x Length (mm)	Octagon (mm)	Weight each	Order Code KEN-505	List Price/1	Offer Price/1
6 x 150	12		-6720K	£3.76	£2.78
9 x 200	18		-6740K	£4.86	£3.60

Diamond Point - Chrome Vanadium

Used for channelling brickwork.



Width x Length (mm)	Octagon (mm)	Weight each	Order Code KEN-505	List Price/1	Offer Price/1
8 x 200	18		-6840K	£5.63	£4.17

Plugging - Chrome Vanadium

For removing cement mortar from between bricks.



Width x Length (mm)	Octagon (mm)	Weight each	Order Code KEN-505	List Price/1	Offer Price/1
5 x 255	16		-7100K	£5.95	£4.40

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**Scutch Holders -
Carbon Steel**

Used for chasing out and general masonry work.



Width x Length (mm)	Octagon (mm)	Order Code KEN-505	List Price/1	Offer Price/1
25 x 200	18	-6860K	£8.34	£6.17
38 x 200	18	-6870K	£9.27	£6.86

Detachable Bit
For scutch chisels
and hammers.



Comb Type	Width (mm)	Order Code KEN-505	List Price/100	Offer Price/100
Wide/Coarse	25	-9130K	£31.63	£23.41
	38	-9140K	£45.32	£33.54
Plain/Drove	25	-9230K	£30.18	£22.33
	38	-9240K	£40.60	£30.04

Protector Sleeves

Contoured high impact resistant plastic grips
redirects the force of miss-hits
safely away from your hands
preventing injury.



Suitable for use with
octagonal cold chisels.

To Suit Octagon Size	Length (mm)	Order Code KEN-505	List Price/1	Offer Price/1
13mm	120	-9040K	£3.48	£2.58
16mm	120	-9050K	£3.48	£2.58
19mm	120	-9060K	£3.48	£2.58
22mm	120	-9070K	£3.48	£2.58

**BAHCO Nail
Puller**

Used for pulling nails which are either protruding or buried.
Hammer action sleeve drives jaws into wood around nail.
The pivoting jaw ensures a tighter grip the harder the pull.



Model Number	Length (mm)	Weight each	Order Code BAH-565	List Price/1	Offer Price/1
B-38	110	2.20kg	-1001Z	£78.28	£67.32

**STANLEY FatMax
Utility Bars**

The FatMax Utility Bar is 4 tools in 1 and can be used for prying,
splitting, board bending and hammering. Manufactured from a single
piece of forged tempered steel bar for increased strength and
durability. The serrated jaws are ideal for grabbing common sizes of
timber and decking, a bevelled nail slot for pulling and prying nails
and polished hammer face.



The textured grip for ensures excellent comfort
and control, even when wet.

Overall Length	Jaw Capacity	Order Code STN-585	List Price/1	Offer Price/1
381mm (15")	45mm (1 3/4")	-5541T	£28.06	£20.48
460mm (18")	45mm (1 3/4")	-5540B	£35.09	£25.62

Wrecking & Pry Bars

Manufactured from heat treated carbon steel. Ideal for
dismantling timber constructions, opening packing cases
and removing nails (depending on the type of bar).



Chisel and V-Notch Wrecking Bar

For general dismantling and stripping applications,
within a wide range of industries.



Length	Order Code KEN-505	List Price/1	Offer Price/1
450mm	-7180K	£9.61	£7.11
600mm	-7240K	£10.72	£7.93
750mm	-7300K	£12.01	£8.89

Chisel and Point Crowbar For heavy duty work.



Length x Width	Order Code KEN-505	List Price/1	Offer Price/1
900 x 25mm	-7360K	£12.05	£8.92
1200 x 28mm	-7480K	£17.69	£13.09
1500 x 32mm	-7600K	£25.64	£18.97

Heel and Point Crowbar For heavy duty dismantling.



Length x Width	Order Code KEN-505	List Price/1	Offer Price/1
900 x 25mm	-7690K	£13.26	£9.81
1200 x 25mm	-7720K	£18.60	£13.76
1500 x 32mm	-7750K	£28.30	£20.94

Super Lever Pry Bars Multi purpose. Can be used as a
nail lifter, pry bar, adze or lever.



Length x Width	Order Code KEN-505	List Price/1	Offer Price/1
325 x 33mm	-8200K	£4.62	£3.42
375 x 33mm	-8250K	£4.62	£3.42

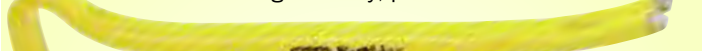
Combination Sets Containing one wrecking bar and
one pry bar.



Number of Pieces	Contents	Order Code KEN-505	List Price/1	Offer Price/1
2	450mm Wrecking Bar, 325mm Pry Bar	-8750K	£12.81	£8.71
2	600mm Wrecking Bar 375mm Pry Bar	-8760K	£13.81	£9.39

**STANLEY Fatmax™
Wrecking Bar**

Forged, from high-carbon steel able to withstand 975 ft-lbs. of bending
momentum. Tri-lobe design increases strength, durability and
ease of use. High-visibility, powder-coated finish.



Slotted claw and bevelled ends improve functionality
and performance.

Product Number	Over Length	Order Code STN-585	List Price/1	Offer Price/1
1-55-101	356mm (15")	-5540K	£13.03	£9.51
1-55-102	610mm (24")	-5540P	£16.04	£11.71
1-55-104	915mm (36")	-5540W	£20.04	£14.63

12" Wonderbar® Pry Bar

NEW

Forged, high carbon steel for increased strength and
durability. Heat-treated for increased durability. Polished and bevelled
cutting edges. Contoured bar makes pulling nails, prying, lifting and
scraping easier. Bevelled nail slot at both ends. High visibility,
powder-coated finish.

Blade width:

44mm, 1 3/4".

Overall length:

314mm, 12 3/8".

Product Number	Overall Length	Order Code STN-585	List Price/1	Offer Price/1
1-55-555	314mm (12 3/8")	-5555R	£8.23	£6.01

COLD CHISELS & PRY BARS

Plastic Handled Pry Bars



Made from square section chrome vanadium with ground points. Impact resistant plastic handles offer a more comfortable and secure grip to make these pry bars user friendly. Handles are oil and acid resistant. Suitable for a wide range of general duty applications within the packing, automotive, maintenance and assembly industries.

Straight Blade

For general duty usage.



Blade Length x Width	Order Code KEN-505	List Price/1	Offer Price/1
300 x 10mm	-8300K	£12.51	£9.26
450 x 13mm	-8320K	£19.17	£14.19

Curved Blade

The curved blade provides greater leverage.

Blade Length x Width	Order Code KEN-505	List Price/1	Offer Price/1
300 x 10mm	-8340K	£11.92	£8.82
450 x 13mm	-8360K	£19.17	£14.19
600 x 13mm	-8380K	£23.02	£17.03

Sets

Number of Pieces	Contents	Order Code KEN-505	List Price/1	Offer Price/1
3	300mm Straight 300mm Curved 450mm Curved	-8330K	£39.25	£26.69
2	450mm Curved 600mm Curved	-8390K	£37.95	£25.81

Spot Weld Chisel & Bar

The Right Angled Seam Chisel and L Bar has been specially designed by Kennedy Tools for the separation of hard to reach spot welds and bonded panels as well as coping with the many traditional uses for pry and wrecking bars.

Features & Benefits

- Easily separates hard-to-reach spot welded or bonded panels.
- Sharpened on three edges, the sharp end allows for penetration between the panels and both side edges allow for side impact to drive the panels apart without damage.
- 90° end for use in hard-to-reach pinchweld areas.
- Made from a super tough alloy steel.
- Will save the technician up to 15 minutes per panel replacement.

The Right Angled Rascal Bar with three sharpened edges is designed to allow two-directional hammer use on quarter panels, rockers and any other pinchweld. The sharp end allows for penetration between the panels and the two lower edges allows for side impact to drive the panels apart. The chisel tip can be used for starting seam separation.

Description	Order Code KEN-505	List Price/1	Offer Price/1
Chisel & Bar	-1200K	£9.65	£7.14

KENNEDY Heavy Duty Pry Bars

Manufactured from forged carbon heat treated steel with ground points. These traditional designs are ideal for use by tradesman in any industrial environment.

Rolling Head

Suitable for use in confined spaces.

Length x Width	Order Code KEN-505	List Price/1	Offer Price/1
150 x 10mm	-8400K	£3.22	£2.38
300 x 13mm	-8420K	£5.85	£4.33
450 x 16mm	-8440K	£9.07	£6.71

Line Type

Angled blade provides greater leverage.

Length x Section	Order Code KEN-505	List Price/1	Offer Price/1
400 x 16mm	-8520K	£8.64	£6.39
600 x 20mm	-8560K	£12.38	£9.16

Rolling Head Set

Number of Pieces	Contents	Order Code KEN-505	List Price/1	Offer Price/1
3	150mm Rolling head 300mm Rolling head 450mm Rolling head	-8780K	£16.33	£11.10

Line Type Set

Number of Pieces	Contents	Order Code KEN-505	List Price/1	Offer Price/1
2	400mm Line Type 600mm Line Type	-8770K	£18.92	£12.87

YAMOTO Chisel & Punch Set

Chrome Vanadium Steel

Contents:

Pin Punches: 3/16" x 6", 3/32" x 4 1/4", 1/8" x 4 3/4", 3/16" x 5 1/4" and 1/4" x 5 3/4".

Centre Punches: 5/32" x 5".

Chisels: 1/2" x 6", 5/8" x 6 1/2", 3/4" x 7 1/2" and 7/8" x 8".

Taper Punches: 3/16" x 10", 7/32" x 10", 5/16" x 10" and 3/8" x 10".



Number of Pieces	Contents	Order Code YMT-505	List Price/1	Offer Price/1
14	Chisels & Punches	-9010K	£40.95	£25.39

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GROUP 510 DIGITAL LEVELS/LASER LEVELS

MOORE & WRIGHT **Preciseline Digital Level**

MW580

Precision navigational level sensor. CNC machined super flat edge. Heavy duty aluminium alloy body, chrome finish. Laser accurately extends level capabilities. Strong magnets on underside. Standard 9V battery.

Features:

Measuring: 4x 90°.

Resolution: 0.05°.

Accuracy: ±0.2°.

NEW



Product Number	Size	Weight each	Order Code M&W-340	List Price/1	Offer Price/1
MW580-01	150mm (6")		-3808H	£41.00	£36.90
MW580-02	225mm (9")		-3809J	£43.00	£38.70
MW580-03	600mm (24")		-3810K	£53.50	£48.15
MW580-04	1200mm (48")		-3811L	£70.50	£63.45

Digital Mini Magnetic Level

MW570-01

The MW570-01 Mini-Mag Level provides instant 360 digital inclination of any angle with the additional unique feature of embedded magnets on two sides. Standard 9V battery.

Features:

Measuring range: 360° (4 x 90°).

Resolution: 0.05°.

Accuracy: ±0.2°.

Dimensions (L x H x W): 60 x 60 x 35mm.

NEW



Product Number	Weight each	Order Code M&W-340	List Price/1	Offer Price/1
MW570-01		-3801A	£51.50	£46.35

BOSCH Professional Digital Angle Measurer

GAM 220 MF

Faster, more precise and more efficient calculation of angles. Precise mitre angles at the press of a button. Precise transfer of the angles onto workpieces. Automatic calculation of single and double mitre angles without any other tools. The greatest accuracy over the long term due to the integrated, wear-free and temperature-independent Bosch Precision Angle Sensor. Two easy-to-read displays on the front and back, no calibration required. Hold function to hold measurement results at the push of a button. Sturdy and compact. In a set with arm extension for measuring on short contact surfaces and for measuring in hard-to-reach areas.

Measuring range: 0 - 220°.

Measuring accuracy: +/- 0.1°.

Measurement accuracy, vials: ± 0.05°.

Dimensions (L x H x W): 432 x 61 x 35mm.

Automatic deactivation: approx. 3 mins.

Arm length: 400mm.

Accessories included:

4x 1.5V LR6 (AA) batteries,
arm extension (2 607 001 312)
and protective case (2 605 439 024).

NEW



Product Number	Weight each	Order Code BCH-266	List Price/1	Offer Price/1
GAM 220 MF	1000g	-9071K	£267.58	£139.00

STANLEY **Cross Line Laser Level**

CL-2i Kit

Complete with 3x AA alkaline batteries; Mini tripod/wall support bracket; Red magnetic target plate; User manuals. Supplied in a protective, black canvas carry case.

Accuracy: 4mm @ 10m. **Self levelling range:** ±38 (Instrument will auto level on surfaces up to 3 degrees out of true level).

Working range: 25m. **Laser class:** 2M. **Wave length:** 635nm.

Power supply: 4.5V DC (3x AA size batteries).

Operating time: 10 hours continuous. **Waterproof:** no.

Mounting thread: 1/4". **Instrument size:** 95 x 50 x 60mm.

Weight: 410 grams with batteries.



Product Number	Weight each	Order Code STX-585	List Price/1	Offer Price/1
1-77-120		-5160X	£144.94	£115.95

Tripod Mount Adaptor

TM-1

Allows 360° rotation of level with or without tripod. For use with Stanley SP-1 and SP-2 laser levels.

Tripod mounting thread: 5/8" x 11.



Product Number	Weight each	Order Code STX-585	List Price/1	Offer Price/1
TM-1		-5350P	£19.31	£15.45

Surveyor's Tripod

TP-1

Stanley tripod to suit Stanley laser products.

Height adjustment: 970mm - 1600mm.



Product Number	Weight each	Order Code STX-585	List Price/1	Offer Price/1
TP-1		-5330M	£57.96	£46.37



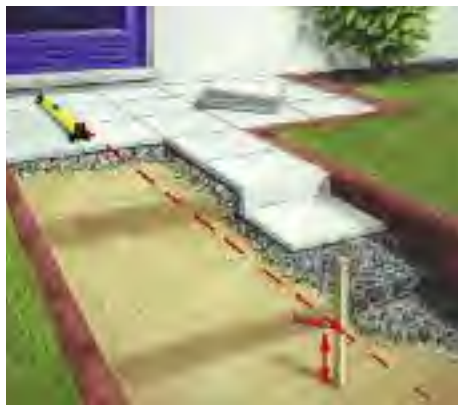
Starter Laser for Home Use

70LJ

600mm/24" laser level fitted with a horizontal vial, dot function and a patented sight system for a range of up to 40m/130ft. Can be aligned horizontally on uneven surfaces using the impact resistant adjusting screw. The sturdy metallaser housing is also waterproof.



Accuracy: Horizontal $\pm 0.5\text{mm/m}$, $\pm 0.06''/\text{ft}$.
Battery operating life: approx. 16 hours - 2x AAA.



Product Number	Length	Order Code	List Price/1	Offer Price/1
70LJ	600mm	-0980N	£66.54	£57.22

Standard Laser Level

70L Set

Complete with 70LJ 250mm laser level, swivel base, deflection prism and target plate.

Accuracy:
horizontal $\pm 0.5\text{mm/m}$,
 $\pm 0.06''/\text{ft}$.

Battery operating life:
approx. 16 hours -
2x AAA.



Product Number	Length	Order Code	List Price/1	Offer Price/1
70L	10"/250mm	-0970L	£109.51	£94.18

Cross Line Laser Level

LAX-50

Projects crossed vertical and horizontal lines in a matter of seconds both perfectly levelled. Ideal for installation of built-in furniture, tiling, wall papering, shelving and all installation work. The tripod can be disassembled and screwed together to form the telescopic leg. The base unit features a scale for rotating the level at degree increments.

Specifications:

Laser class: 2 red diode laser

Wavelength: 635nm.

Range: 10m. **Output:** 1mW.

Horizontal Accuracy: $\pm 0.5\text{ mm/m}$.

Self-levelling range: ca. $\pm 4.5^\circ$.

Telescopic leg height max height: 2.75m.

Operating life: 30hrs on 3x AA batteries.

Operating range: -10°C to $+50^\circ\text{C}$.

Supplied complete with: Multi-use tripod/telescopic leg and carrying case.



Product Number	Range	Order Code	List Price/1	Offer Price/1
LAX50	10m	-3574F	£149.88	£128.90



Self Levelling Cross Line Laser

LAX200

Ideal for tilers, joiners, etc. Locked position: allows slopes to be marked. Pulsed lines for external applications: working range up to 250m with the REC210 line receiver.

Easy positioning: on the ground, on a tripod, on metal with the V groove and the rare earth magnet, on the wall bracket (included in complete kit). Rare earth magnet and V groove = rapid alignment on rectangular and round metal bars and pipes thanks to the rotating casing.

Specification:

Laser class: 2. **Output:** $<1\text{mW}$.

Laser wavelength: 635nm.

Self-levelling range (horizontal)
approx: $\pm 4.5^\circ$.

Levelling accuracy: $\pm 0.3\text{mm/m}$.

Line straightness: $\pm 0.2\text{mm/m}$.

Range, visible crossed line: 20m indoors under typical operating conditions.

Range with receiver: up to 250m (included in complete kit ONLY).

Supplied with: belt pouch, REC210 line receiver, rotation plate, wall bracket, laser goggles, target plate, robust carrying case.



Product Number	Range	Order Code	List Price/1	Offer Price/1
LAX200	250m	-3574K	£303.95	£261.40

Laser Goggles

For use with all laser levels.



Description	Order Code	List Price/1	Offer Price/1
Laser Goggles	-5100D	£16.50	£14.19

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**KENNEDY
PROFESSIONAL**

**Professional
Box Section Levels**



610mm/24" extruded aluminium body, powder coated finish, three high visibility vials, horizontal, vertical and 45°. Two rubberised handle grips, two milled working faces.

Accuracy 0.029° (0.5mm/m).



Overall Length (mm)	Number of Vials	Weight (each)	Order Code KEN-510	List Price/1	Offer Price/1
610 (24")	3	650g	-3240K	£19.27	£12.53

Box Section Levels



Professional quality with three factory set vials, one horizontal and two plumb, aluminium body with one milled working face. Powder coat finish with plastic protective end caps and hanging hole.

Accuracy: 0.048° (0.75mm/m).



Overall Length (mm)	Number of Vials	Weight (each)	Order Code KEN-510	List Price/1	Offer Price/1
600 (24")	3	400g	-0240K	£12.54	£8.15
900 (36")	3	570g	-0360K	£13.93	£9.05
1000 (40")	3	645g	-0400K	£17.37	£11.29
1200 (48")	3	730g	-0480K	£19.74	£12.83
1800 (72")	3	1000g	-0720K	£33.44	£21.74

STABILA Laser and Spirit Levels

**Box Section
Spirit Levels**

Box-section lightweight extra strong frame with 'soft-ribs' for strength and finger grip.

Accuracy: horizontal 0.057° (1.0mm/m), vertical 0.048° (0.75mm/m)

80AN-2: Features two vertical and one horizontal vials accurate to 0.5mm/m. Vials guaranteed to remain accurate for 10 years. Electrostatic powder coated abrasive resistant frame.

80AN: Features one vertical and one horizontal vial.



80AN-2

80AN

Product Number	Overall Length (mm)	Order Code STB-510	List Price/1	Offer Price/1
80AN-2	400 (16")	-1750K	£30.22	£25.99
	600 (24")	-1755L	£33.88	£29.14
	800 (32")	-1760M	£36.54	£31.42
	1000 (40")	-1765N	£42.49	£36.54
	1200 (48")	-1770P	£46.88	£40.32
	1500 (60")	-1775Q	£70.14	£60.32
80AN	1800 (72")	-1780R	£78.36	£67.39
	2000 (78")	-1785S	£84.76	£72.89
	300 (12")	-1700A	£21.69	£18.65
	400 (16")	-1705B	£23.11	£19.87
	600 (24")	-1710C	£26.17	£22.51
	1000 (40")	-1720E	£34.29	£29.49
	1200 (48")	-1725F	£38.41	£33.03

Hammer-Top Spirit Level

NEW

80K-80

Specially designed for use by bricklayers. Along the top surface of the level is a hammer-top that allows you to correct any discrepancies in brickwork or paving. It can also be used to check and adjust the level on tiles. The horizontal vial has a viewing angle of up to 300° and also has six rings to allow the level to be used with 1% and 2% slopes. Impact resistant end caps.

Overall length: 800mm (32").

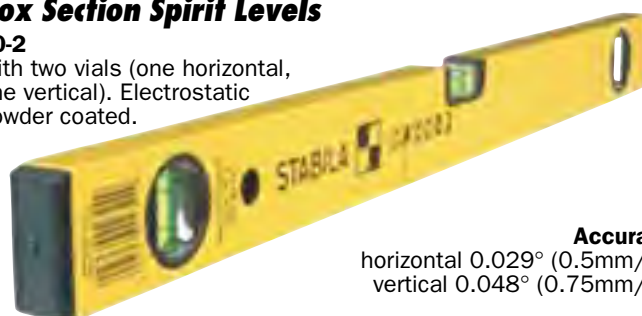


Product Number	Length (mm)	Number of Vials	Order Code STB-510	List Price/1	Offer Price/1
80K-80	800 (32")	2	-2085S	£29.00	£24.94

Box Section Spirit Levels

70-2

With two vials (one horizontal, one vertical). Electrostatic powder coated.



Accuracy:
horizontal 0.029° (0.5mm/m);
vertical 0.048° (0.75mm/m).

Product Number	Overall Length (mm)	Order Code STB-510	List Price/1	Offer Price/1
70-2	900 (36")	-0736C	£21.01	£18.07
	1200 (48")	-0748D	£25.16	£21.64

Mason's Levels

Rectangular profile with gripping ridges and removable end cap which also have a well-proven anti-slip stops. Two milled measuring surfaces for accurate readings every time.

With 2 vertical vials and 1 horizontal vial.



96-2-100

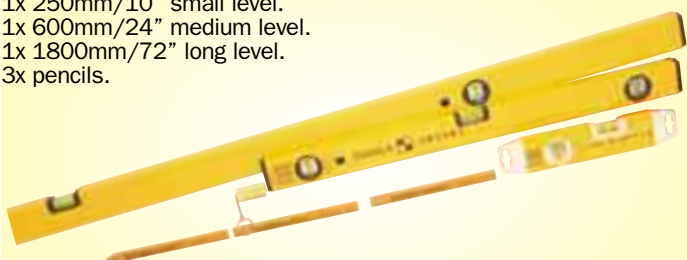
Accuracy:
normal position
0.029° = 0.5 mm/m,
overhead measurement
0.043° = 0.75 mm/m.

Product Number	Length (mm)	Order Code STB-510	List Price/1	Offer Price/1
96-2-100	1000 (40")	-3126D	£71.03	£61.09
96-2-120	1200 (48")	-3127E	£86.09	£74.04
96-2-180	1800 (72")	-3128F	£101.98	£87.70

Combi Spirit Level Kit

Contents:

- 1x 250mm/10" small level.
- 1x 600mm/24" medium level.
- 1x 1800mm/72" long level.
- 3x pencils.



Product Number	Order Code STB-510	List Price/1	Offer Price/1
70-2	-0700C	£69.76	£59.99

STANLEY

Box Section Spirit Levels

Series 3

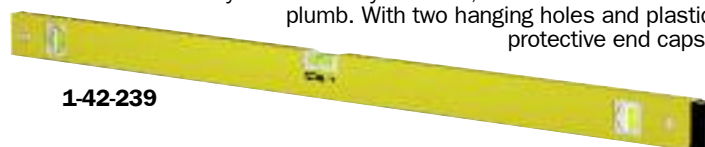
Aluminium body. Two factory set vials, one of each horizontal and plumb. With single hanging hole and plastic protective end caps.



Product Number	Length (mm)	Weight each	Order Code STN-585	List Price/1	Offer Price/1
1-42-395	1000 (40")	810g	-4963A	£13.52	£9.87

Series 2

Aluminium body. Three factory set vials, one horizontal and two plumb. With two hanging holes and plastic protective end caps.



Product Number	Length (mm)	Weight each	Order Code STN-585	List Price/1	Offer Price/1
1-42-239	1000 (40")	800g	-4929B	£21.26	£15.52
1-42-257	1200 (48")	1100g	-4934P	£24.15	£17.63

FatMax® I-Beam Levels

Vials accuracy of 0.5mm/m for improved accuracy. Magnified center vial for more user comfort. Solid vials for better control and less slips. MaxEdge center vial : bridged center vial for continuous marking surface. Top read scale for fast measurements. Pencil included, quick help for marking. Shock absorbing end caps makes it long lasting and choc-resistant. Aluminum body removes excess dirt and prolongs life.



Product Number	Length (mm)	Number of Vials	Order Code STN-585	List Price/1	Offer Price/1
1-43-555	1200	3	-5193T	£22.47	£16.40
1-43-557	1800	3	-5193V	£33.73	£24.62

FatMax® Xtreme™ Levels

Vials magnified by 20% for improved all round visibility. Dual machined levelling surfaces for maximum accuracy. Bi-material hand grips are screwed into the frame. Rock solid box beam construction is up to 5 times stronger than other Stanley levels. Solid acrylic block vials provide best in class accuracy in eight orientations of ±0.5mm/m.



Product Number	Length (mm)	Number of Vials	Order Code STN-585	List Price/1	Offer Price/1
0-43-624	600 (24")	3	-5194S	£33.33	£24.33
0-43-636	900 (36")	3	-5195K	£38.90	£28.40

FatMax® Spirit Levels

FatMax® spirit levels have three vials for ease of use, they are the heaviest in their class giving ultimate strength and machine milled on two sides for accurate reading. Shock absorbing end caps help to prevent damage when dropped.

Other features include: 6mm taller than most competitors. 6 - 9mm wider than other levels in its class. Dual bi-material hand grips, ideal for carrying and vertical levelling. Large vial with bridged dual view centre vial. Lifetime guarantee for accuracy.



Product Number	Length (mm)	Order Code STN-585	List Price/1	Offer Price/1
Non-Magnetic Levels				
5-43-548	1200 (48")	-5193P	£33.80	£24.67
5-43-572	1800 (72")	-5193W	£57.98	£42.33
Magnetic Levels				
1-43-525	600 (24")	-5193F	£27.13	£19.80

KENNEDY

Girder Section Levels

Professional quality with three factory set vials, horizontal and two plumb, aluminium body with powder coat finish.

Accuracy: 0.75mm/m. Top face marked with metric and inch graduations.



Length (mm)	Number of Vials	Weight each	Order Code KEN-510	List Price/1	Offer Price/1
300 (12")	2	235g	-1120K	£11.95	£7.77
400 (16")	3	295g	-1160K	£16.73	£10.87
600 (24")	3	440g	-1240K	£20.29	£13.19
900 (36")	3	600g	-1360K	£24.66	£16.03
1000 (40")	3	710g	-1400K	£28.24	£18.36
1200 (48")	3	850g	-1480K	£31.62	£20.55

STABILA Laser and Spirit Levels

24" Ribbed Box Section Spirit Levels

96-2

Highly accurate at 0.029° (0.5mm/m) in normal measuring and 0.043° (0.75mm/m) in vial down position. 1 level and 2 plumbs. Ribbed box section, strong powder coated, unbreakable acrylic glass vials. Anti-slip pads on end caps.

Accuracy:
Horizontal 0.029° (0.5mm/m).
Vertical 0.043° (0.75mm/m).



Length (mm)	Number of Vials	Weight each	Order Code STB-510	List Price/1	Offer Price/1
600 (24")	3		-3124M	£41.43	£35.63

Girder Section Spirit Levels

83S

With three vials. Milled working faces and die cast body. Electrostatic powder coated. Horizontal vial visible from four sides, vertical vials visible from three sides.

Accuracy:
Horizontal 0.029° (0.5mm/m).
Vertical 0.043° (0.75mm/m).



Length (mm)	Number of Vials	Weight each	Order Code STB-510	List Price/1	Offer Price/1
600 (24")	3	1.70kg	-2624J	£74.67	£64.22
800 (32")	3	2.30kg	-2632K	£83.87	£72.13
1000 (40")	3	2.80kg	-2640L	£104.70	£90.04

SENATOR QUALITY TOOLING

ABS Plastic Girder Section Level

Manufactured from impact resistant ABS plastic. Three vials horizontal, vertical and 45°.



Metric and Inch graduated face.
Accuracy: 1mm/1000mm.

Length (mm)	Number of Vials	Weight each	Order Code SEN-510	List Price/1	Offer Price/1
610 (24")	3	290g	-2240K	£6.70	£4.36

GROUP 510 SPIRIT LEVELS

KENNEDY Boat Levels

Construction Boat Level

Die-cast aluminium frame with a milled measuring face for accuracy. 1 vertical, 1 horizontal vial for normal and upside down measuring. A very popular level with scaffolders. Includes leather belt pouch.

Length: 250mm (10"). **Accuracy:** 1.0mm/m.



Base Type	Length (mm)	Weight each	Order Code KEN-510	List Price/1	Offer Price/1
Non-magnetic	250 (10")	185g	-0100K	£18.16	£11.80
Magnetic	250 (10")	185g	-0160K	£20.19	£13.12

Torpedo Level

Professional - with two factory set horizontal and angled vials which are shockproof to a tolerance of 1mm/m. Die cast zinc body with enamelled finish. V-groove on base.



Length	Weight each	Order Code KEN-510	List Price/1	Offer Price/1
230mm/9"	140g	-0090K	£10.99	£7.14

Bullseye Level

Made from tough hard wearing plastic. Can be free standing, or fixed onto a surface. The all purpose Bullseye circular level will show level of any surface in all directions at once.

Height: 16mm (5/8")



Base Diameter	Level Diameter	Weight each	Order Code KEN-510	List Price/1	Offer Price/1
50mm (2")	32mm (1 1/4")	15g	-2100K	£2.69	£1.75

Magnetic Post Levels

Made from hard wearing plastic this specialist level designed to ensure both square and round posts are upright prior to permanent fixing. The right angle plate has two horizontal vials and one vertical vial with flush magnets for metal posts and an integrated elastic fixing strap for other materials.

Small: 75 x 125mm (3" x 5").

Large: 85 x 140mm (3 3/8" x 5 1/2").

Accuracy: 1.0mm/m.



Type	Weight each	Order Code KEN-510	List Price/1	Offer Price/1
Small	87g	-2800K	£4.94	£3.21
Large	87g	-2820K	£5.55	£3.61

Line Level

This durable line level is made hard wearing plastic. With reversed line hooks for a positive hold and a pocket clip. 13mm (1/2") wide.



Overall Length	Weight each	Order Code KEN-510	List Price/1	Offer Price/1
75mm (3")	45g	-2400K	£2.71	£1.76

STABILA Laser and Spirit Levels Boat Levels

With shockproof vertical and horizontal vials set in a robust aluminium body with a milled bottom surface to ensure that the level rests flat against surfaces. The horizontal vial has a viewing angle of 300°, ideal for making overhead measurements. Die cast body, electrostatic powder coated.

Length: 250mm (10").



Accuracy: horizontal 0.029° (0.5mm/m), vertical 0.043° (0.75mm/m).

81S: With non-magnetic base. **81SM:** With magnetic base (ferrite).

81SREM: With two rare earth magnets in the base - 5 times stronger than ferrite.

Model Number	Length (mm)	Weight each	Order Code STB-510	List Price/1	Offer Price/1
81S	250 (10")	200g	-2210A	£30.16	£25.94
81SM	250 (10")	215g	-2410G	£34.79	£29.92
81SREM	250 (10")	215g	-2412N	£37.70	£32.42

Torpedo Level with Magnetic Base

70TMW

Robust aluminium body with a magnetic strip on the base.

The level has three vials; one fixed vertical and one fixed horizontal as well as an angle vial that can be rotated +90° or -90°

from its standard horizontal position. The horizontal vial has a viewing angle of 300°, allowing the level to be used for overhead measurements when the level is turned upside down.

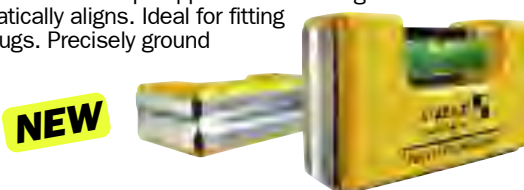


Model Number	Length (mm)	Weight each	Order Code STB-510	List Price/1	Offer Price/1
70TMW	250 (10")	200g	-1010A	£18.15	£15.61

Pocket Pro Level with Belt Holder

Professional quality spirit level that fits in the pocket or can be attached to a belt with the clip supplied. Extra-strong rare earth magnet. Automatically aligns. Ideal for fitting switches and plugs. Precisely ground aluminium.

Accuracy: ±1.0mm/m.



Model Number	Length (mm)	Weight each	Order Code STB-510	List Price/1	Offer Price/1
17768	250 (10")	100g	-3400A	£17.00	£14.62

SENATOR Torpedo Level

With magnetic base. Manufactured from impact resistant ABS plastic. Three vials horizontal, vertical and 45°.

Accuracy: 1.0mm/m.



Length (mm)	Weight each	Order Code SEN-510	List Price/1	Offer Price/1
230 (9")	140g	-2090K	£3.15	£2.05

STANLEY Line Level

Aluminium body which can be suspended from a guide line (e.g for bricklaying) or used flat on its base.

Length: 80mm (3 1/4").



Model Number	Length (mm)	Weight each	Order Code STN-585	List Price/1	Offer Price/1
0-42-287	80 (3 1/4")	50g	-4937F	£2.60	£1.90

**Optical Level****OLS 26**

Optical builders level 26x magnification. Reliable reading & transfer of heights. Robust casing, easy grip, shock absorbing soft shell and solid protection of optical unit. Protection class IP54.

**NEW**

Product Number	Weight each	Order Code	List Price/1	Offer Price/1
OLS26	2.50kg	STB-510	£189.62	£163.07

**Plasterer's Lights**

Designed for use by plasterers and painters where there is a need to eliminate shadows. Lightweight, portable and weatherproof 110V lights with two 110V outlet sockets. 5m cable. Both lights are supplied with 840 - cool white tubes.

Tripod Type (-4000K)

Light can be positioned either horizontally or vertically. Constructed from heavy duty steel tubing. Works with 5ft (58W max.) low energy fluorescent tube.

1x 58W
1500mm5m
CABLE2x 18W
600mm**Group 282****Folding Type (-4020K)**

2x 18W worklight with non-corrosive A-frame design. Low energy fluorescent tubes.

Input Voltage	Tripod Type	Weight each	Order Code	List Price/1	Offer Price/1
110V	Fixed	4.80kg	-4000K	£74.96	£50.22
110V	Folded	5.60kg	-4020K	£60.35	£40.43

Replacement Bulbs 110v

Tripod Type	Rating	Length (mm)	Order Code	List Price/1	Offer Price/1
Fixed	58w	1500	-4040K	£3.91	£2.62
Folded	18w	600	-4060K	£3.72	£2.49

SPEAR & JACKSON**Pole Sander**

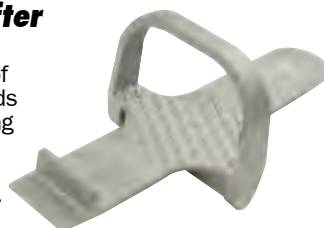
Telescopic aluminium handle allows the easy finishing of plaster joints in ceilings and walls. Fully pivoting head. Extends from 1.15 to 2.90m.

**Group 957**

Product Number	Weight each	Order Code	List Price/1	Offer Price/1
720H-05		-1724B	£20.85	£15.85

Board Lifter

Makes the positioning of plaster boards easier. Strong one piece aluminium construction.



Product Number	Weight each	Order Code	List Price/1	Offer Price/1
712Z-05		-1722Z	£13.09	£9.95

Taping Knife

Stainless steel blades welded into a back plate for extra strength with suregrip handles for comfort and control.

Blade length: 250mm (10").



Product Number	Weight each	Order Code	List Price/1	Offer Price/1
716D-05		-1726D	£11.06	£8.41

**Taping Knives**

Premium tempered stainless steel blade mounted in a rigid alloy back. The blade is tapered for easier use in tight corners. Ergonomic contoured Durasoft® handle for improved comfort and control.



Product Number	Blade Size	Order Code	List Price/1	Offer Price/1
M4510SD	255 x 75mm	-4710S	£10.75	£8.17
M4512SD	300 x 75mm	-4712S	£11.56	£8.79

**Extending Support Prop**

This lightweight support prop is designed to give a helping hand when fixing overhead panelling and boarding. It has 125 x 80mm flat plates at both ends with a swivel ball joint for ease of use and to avoid damage to panel when pressure is applied. It has four pre-set adjustable height ranges: 1.16 to 2m, 1.46 to 2.3m, 1.76 to 2.6m, 2.06 to 2.9m.



Range	Order Code	List Price/1	Offer Price/1
1.6 - 2.9m	-4000K	£16.19	£10.69

Dry Wall Mesh Tape

Self adhesive drywall mesh tape that requires no special preparation. The user can simply apply directly to the joint, without using compound. Finish coats are then applied over the tape.



Product Number	Size (mm)	Order Code	List Price/1	Offer Price/1
MMT06	50mm x 46m	-6606B	£7.42	£5.64

GROUP 512 PLASTERING TOOLS

KENNEDY PROFESSIONAL

Plasterer's Hawk

Lightweight scoured aluminium blade to prevent plaster 'slip-off'. Detachable wooden handle with cushioned comfort ring. Designed to reduce discomfort during periods of extended use. Manufactured to the high standards expected by today's trade.



Size (mm)	Weight per 10	Order Code	List Price/1	Offer Price/1
300 x 300	7.00kg	KEN-512	£16.65	£10.99

SENATOR QUALITY TOOLING

Plasterer's Hawk

With single screw fixing, zinc plated for corrosion protection. Heavy gauge sheet aluminium platform, highly polished, mirror finish. Suitable for DIY use.



Size (mm)	Weight per 10	Order Code	List Price/1	Offer Price/1
265 x 265	6.20kg	SEN-512	£9.99	£6.59

MARSHALLTOWN The Premier Line

Plasterer's Hawk

M1
Manufactured from heavy gauge hard-rolled aluminium for a lightweight and durable hawk the edges have been smoothed and the corners rounded for convenience. The DuraSoft® handle provides a soft feel, reduces fatigue and offers excellent durability supplied with sponge rubber callus preventer. Used for holding plaster during application.



Product Number	Size (mm)	Order Code	List Price/1	Offer Price/1
M1	330 x 330	MTN-512	£24.67	£18.75

RUTLAND CONTRACTORS TOOLS

Flexible Buckets

Extremely versatile and virtually indestructible. It can be used for moving soil, garden waste, rubble and various other jobs around a garden or building site. 460mm diameter.



Size	Weight each	Order Code	List Price/1	Offer Price/1
42ltr	200g	RTL-523	£8.10	£6.89

KENNEDY PROFESSIONAL

Paint & Plaster Mixer

Used for mixing plaster, concrete, filler, epoxy resin, emulsion paint and wallpaper paste. The stirring end should be fully immersed before the shaft is turned.

Light Duty Shaft
8mm hex.
Overall length: 400mm.

Heavy Duty Shaft
12mm hex.
Overall length: 600mm.



Shaft	Weight per 10	Order Code	List Price/1	Offer Price/1
Light Duty	680g	KEN-512	£6.04	£3.99
Heavy Duty	860g	-2800K	£9.04	£5.97

KENNEDY PROFESSIONAL

Plasterer's Bath

BM197
Manufactured from polyethylene, virtually unbreakable. Guaranteed not to rot, rust, crack or distort. Strong, light and easily carried.



Product Number	Capacity	Order Code	List Price/1	Offer Price/1
BM197	165 ltr	-3000K	£47.16	£31.13

Wooden Skimming Float

Manufactured from selected timber. Ideal for producing a sandy surface finish when rendering plaster or concrete.



Size (mm)	Weight per 10	Order Code	List Price/1	Offer Price/1
290 x 100	190g	-0950K	£9.95	£6.57

Adhesive Trowel

High quality moulded and contoured handle. Large base with two coarse pitched edges and two fine pitched edges. Suitable for use with all tile and carpet adhesives.



Size (mm)	Weight per 10	Order Code	List Price/1	Offer Price/1
270 x 110	190g	-0400K	£4.47	£2.95

SITESAFE

Builder's Flexible Bucket

Extremely versatile and virtually indestructible. It can be used for mixing plaster or cement, moving rubble and various other jobs around a building site.



Size	Order Code	List Price/1	Offer Price/1
Yellow Buckets			
26ltr	-2980K	£7.55	£4.98
40ltr	-3000K	£9.71	£6.41
75ltr	-3040K	£20.51	£13.54
Blue Buckets			
26ltr	-3080K	£7.55	£4.98
42ltr	-3100K	£9.71	£6.41

RUTLAND CONTRACTORS TOOLS

Multi Purpose Black Tubs

Multi-Purpose tubs made from high impact plastic with rope handles. Ideal for moving and storing household or work items, can be used both indoors and out.



Capacity	Colour	Order Code	List Price/1	Offer Price/1
40ltr	Black	RTL-523	£7.76	£6.60
65ltr	Black	-4660K	£10.34	£8.79



Midget Trowel

Made from the highest gradespring steel. Resilient DuraSoft® curved handle reduces fatigue.



Product Number	Size (mm)	Handle Type	Order Code	List Price/1	Offer Price/1
M11SSD	200 x 75	Durasoft®	-4011S	£35.71	£27.14

Finishing Trowel

MXS13D

High Carbon spring steel blade with a hardened and ground finish. With an Aluminum alloy handle mounting that is lightweight but very strong.

DuraSoft®



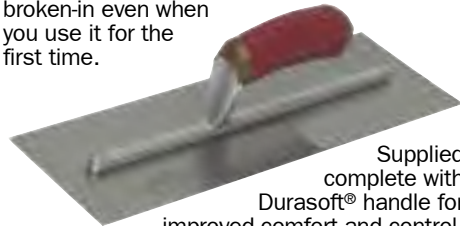
Curved DuraSoft® handle provides a soft feel, reduces fatigue, and offers excellent durability.

Product Number	Size (mm)	Order Code	List Price/1	Offer Price/1
MXS13D	330 x 125	-7513D	£37.97	£28.86

Plasterer's Trowel

MPB14SSD

The stainless steel blade of this trowel is pre-shaped to help eliminate trowel marks and the working edge of the blade is bevelled to prevent aggregate popping. This means it already feels like a trowel that has been broken-in even when you use it for the first time.



Supplied complete with Durasoft® handle for improved comfort and control.

Product Number	Size mm	Order Code	List Price/1	Offer Price/1
MPB14SSD	355 x 125	-6814S	£57.72	£43.87

Tile Grouters Float

Pure gum rubber face is bonded to the dense rubber pad, and then cemented to an aluminium backing plate with a smooth handle. Edges are bevelled and the two front corners are rounded for ease of spreading. Dense rubber pad is designed specifically for tile grouting.



Size	Weight per 10	Order Code	List Price/1	Offer Price/1
9" x 4"		-4643C	£12.87	£9.78



Plasterer's Trowel

Aluminium shank single tang banana pattern. Six rivet construction 'cross ground' to prevent drag. For laying on and finishing plaster. Manufactured to the high standards expected by today's trade.



Size	Weight per 10	Order Code	List Price/1	Offer Price/1
280mm (11")	4.00kg	-0100K	£11.25	£7.43

Corner Trowel

M/T230

Resilient DuraSoft® handle with finger guard. Blade set at a 103° angle that flexes to form a perfect 90° corner during use.



DuraSoft®

Product Number	Weight per 10	Order Code	List Price/1	Offer Price/1
M/T23D	127 x 100	-4323D	£14.73	£11.19

Inside Corner Trowel

M65D

Square radius used to form inside and outside corners. Fitted with a resilient DuraSoft® curved handle. Ideal for steps or anywhere requiring a square corner.



DuraSoft®

Product Number	Size (mm)	Order Code	List Price/1	Offer Price/1
M65D	300 x 115	-1500A	£12.79	£9.72

SPEAR & JACKSON

Plasterer's Trowel

Select Plasterer's Trowel Economy

Manufactured from carbon alloy steel blade with ground and polished finish.



Single tang with smooth shaped wooden handle for improved user comfort and control.

Product Number	Size (mm)	Weight per 10	Order Code	List Price/1	Offer Price/1
10611W	280	4.25kg	-2768K	£13.78	£10.47

Adhesive Trowel

Detachable blade secured by two wing nuts. Serrated edges with 1.5mm V-notches at 5mm centres.



Approved by the Contract Flooring Association and by leading adhesive manufacturers.

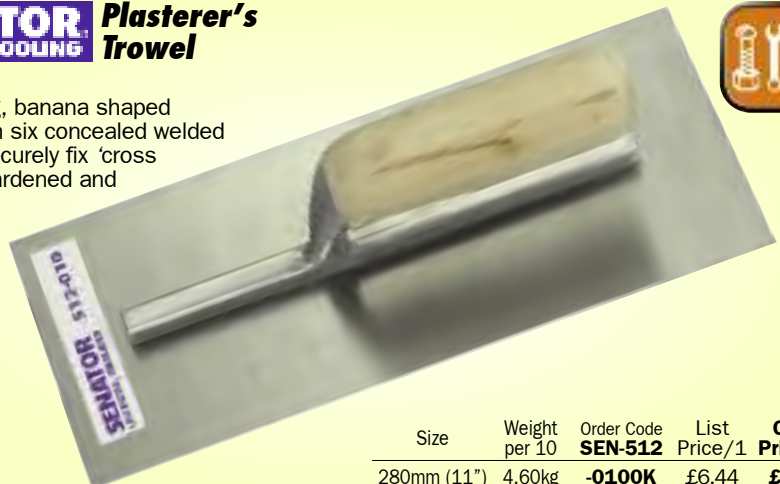
Blade Size	Weight each	Order Code	List Price/1	Offer Price/1
280 x 115mm		-3150L	£31.23	£23.73



Plasterer's Trowel

Economy

Single tang, banana shaped handle with six concealed welded rivets to securely fix 'cross ground', hardened and tempered blade.



Size	Weight per 10	Order Code	List Price/1	Offer Price/1
280mm (11")	4.60kg	-0100K	£6.44	£4.25

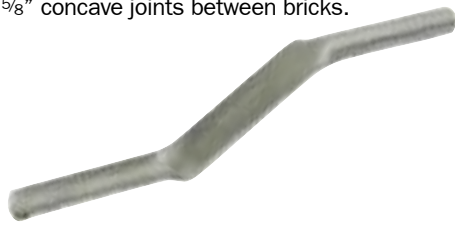
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GROUP 512 BRICK TOOLS

KENNEDY Double Ended Brick Jointer

Heavy duty steel. Used to produce 1/2" and 5/8" concave joints between bricks.



Overall Length	Weight per 10	Order Code KEN-512	List Price/1	Offer Price/1
580		-0440K	£4.92	£3.25

Brick Jointer

Suitable for half round finishing of the joints between bricks. London pattern smooth wooden handle with integral tang.



Size (mm)	Weight per 10	Order Code KEN-512	List Price/1	Offer Price/1
150 x 12	1.50kg	-0420K	£5.71	£3.77

Plumb Bobs

Corrosive resistant epoxy coated with brass screwcap. For establishing vertical datum line without the use of a level.



Weight each	Order Code KEN-512	List Price/1	Offer Price/1
5oz	-2050K	£4.42	£2.92
10oz	-2100K	£5.56	£3.67

Brick Line

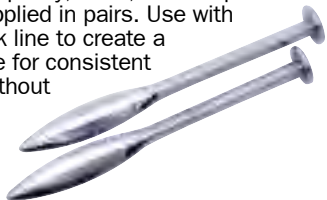
Construction quality, use with line pins and plumb bobs.



Size	Weight per 10	Order Code KEN-512	List Price/1	Offer Price/1
18m (60')	740g	-2180K	£1.76	£1.16

Line Pins

Construction quality, hand, chrome plated line pins. Supplied in pairs. Use with Kennedy brick line to create a horizontal line for consistent bricklaying without the need for repetitive levelling.

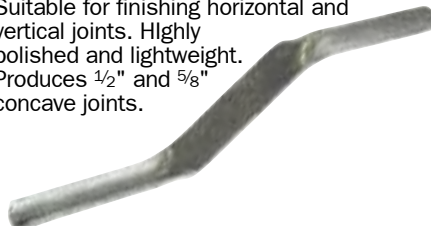


Size	Weight per 10	Order Code KEN-512	List Price/pr	Offer Price/pr
150mm (6")	140g	-2160K	£5.30	£3.50

FOOTPRINT Double Ended Brick Jointer

580

Suitable for finishing horizontal and vertical joints. Highly polished and lightweight. Produces 1/2" and 5/8" concave joints.



Product Number	Order Code	List Price/1	Offer Price/1
580	-4320M	£5.07	£3.95

SPEAR & JACKSON Korner Block & Line

Robust and lightweight. Integral line tidy, can be used single handed. Helps bricks and blocks to be laid straight.



Product Number	Line Length	Order Code S&J-513	List Price/1	Offer Price/1
10701S		-2773G	£6.02	£4.58

MARSHALLTOWN The Premier Line Rubbing Brick

Wide grip plastic handle securely fastened to a P20 grit fluted abrasive stone. Ideal for dressing down and removing marks from concrete or for cleaning bricks.



Size: 152 x 76 x 25mm.

Product Number	Order Code	List Price/1	Offer Price/1
M/T840	-5340T	£14.42	£10.96

Project Calc Calculator

DIYers dimensional calculator. Helps solve 100s of building and home improvement projects.

Works directly in metric, yards, feet, inches and fractions.

Calculate the quantities of blocks, tiles, bricks and even gravel.

Finds the number of studs, 4 x 8 sheets, drywall, roofing bundles, does square ups.

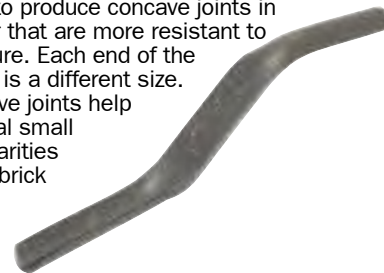
Easily solves coverage for paint, wallpaper, panelling, board feet and much much more. Full instructions supplied.



Model	Order Code	Offer Price/1
DIY Project Quantities Calculator	-0007A	£14.32

MARSHALLTOWN The Premier Line Brick Jointers

Manufactured from high carbon steel. Used to produce concave joints in mortar that are more resistant to moisture. Each end of the jointer is a different size. Concave joints help conceal small irregularities in the brick laying.



Product Number	Joint Size	Order Code MTN-512	List Price/1	Offer Price/1
M83	10 x 13mm	-5283Q	£6.50	£4.94
M80	13 x 16mm	-5280M	£6.50	£4.94
M81	19 x 22mm	-5281N	£6.50	£4.94
M82	16 x 19mm	-5282P	£6.50	£4.94

Hi-Visibility Brick Line

Braided nylon brick line 85.5m, will not unravel if struck by a trowel. Not affected by extreme moisture or dryness, will not mildew and it stays taut.



Product Number	Colour	Order Code MTN-512	List Price/1	Offer Price/1
M/T631	Hi-Vis Pink	-5041T	£8.03	£6.10
M/T632	Hi-Vis Yellow	-5042T	£8.03	£6.10

Brick Mortar Raker

Used to remove old mortar before repointing. Strong aluminum handle is contoured to fit the hand and squared off at the end. Hardened nail, adjustable to the proper depth, can be securely tightened by slipping the nail in the eye of a spade bolt and twisting. Large 45mm wheels.



Product Number	Size (mm)	Order Code MTN-512	List Price/1	Offer Price/1
M89	215 x 150mm	-5489M	£11.82	£8.98

Brick Carrying Tongs

Heavy duty tongs designed and built for strength and durability. Can be quickly adjusted to carry from six to ten bricks.



Product Number	Opening Capacity	Order Code MTN-512	List Price/1	Offer Price/1
M88	152 x 76 x 25mm	-5288L	£22.84	£17.36



Philadelphia Pattern Brick Trowels

Suited for laying blocks. Forged from a single piece of high grade tool steel. Stronger impact area. Taper ground and polished blade. Durasoft® handle provides a soft feel grip.



Product Number	Size (mm)	Handle Type	Order Code MTN-512	List Price/1	Offer Price/1
M1910	250 x 130	Wooden	-4191M	£38.87	£29.54
M1910D		Durasoft®	-4192N	£44.88	£34.11
M1911D	280 x 140	Durasoft®	-4202N	£44.88	£34.11
M1912D	300 x 150	Durasoft®	-4212N	£44.88	£34.11

Pointing Trowels

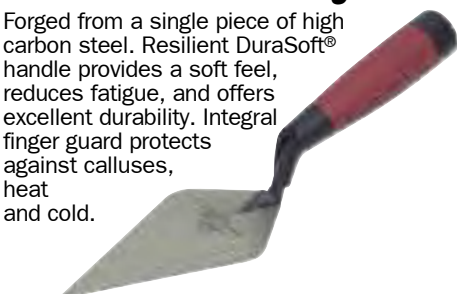
Forged from a single piece of highest grade tool steel for unsurpassed strength. Hardwood handle with polished steel ferrule. Resilient DuraSoft® handle provides a soft feel, reduces fatigue and offers excellent durability.



Product Number	Size (mm)	Handle Type	Order Code MTN-512	List Price/1	Offer Price/1
456	150	Hardwood	-4766N	£12.95	£9.84
456D	150	Durasoft®	-4767P	£14.75	£11.21

London Pattern Pointing Trowel

Forged from a single piece of high carbon steel. Resilient DuraSoft® handle provides a soft feel, reduces fatigue, and offers excellent durability. Integral finger guard protects against calluses, heat and cold.



Product Number	Size (mm)	Order Code MTN-512	List Price/1	Offer Price/1
M46115D	125 x 55	-4785D	£13.95	£10.60

Gauging Trowels

Forged from a single piece of highest grade tool steel. Carefully taper ground and polished. Hardwood handle with polished steel ferrule. Resilient DuraSoft® handle provides a soft feel, reduces fatigue and offers excellent durability. Used for mixing or 'gauging' small quantities of quick setting plaster.

Dimensions:
280 x 85mm.



Product Number	Handle Type	Order Code MTN-512	Offer Price/1
M48	Hardwood	-1250G	£20.21
M48D	Durasoft®	-4800S	£20.65



Builder's Trowels



Ground polished, hardened and tempered high carbon steel alloy blades, tapered to remain rigid right to the tip with high angle handles for improved knuckle clearance and control. Chromed ferrules hold the forged tang firmly.



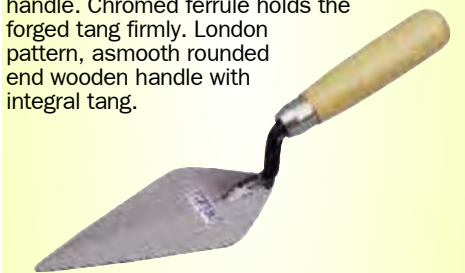
Broad Heel Brick Trowel

11" heel width. London pattern, a smooth rounded end wooden handle with integral tang.

Overall Length	Type	Order Code SEN-512	List Price/1	Offer Price/1
280mm (11")	London	-0060K	£9.26	£6.11

Pointing Trowel

Ground polished, hardened and tempered high carbon steel alloy blade, high angle handle. Chromed ferrule holds the forged tang firmly. London pattern, a smooth rounded end wooden handle with integral tang.



Overall Length	Width (mm)	Order Code SEN-512	List Price/1	Offer Price/1
150mm (6")	75	-0020K	£3.65	£2.41

Gauging Trowel

London pattern, a smooth rounded end wooden handle with integral tang.



Overall Length	Width (mm)	Order Code SEN-512	List Price/1	Offer Price/1
180mm (7")	90	-0040K	£4.86	£3.21

SPEAR & JACKSON

Brick Trowel

WHS Brick Trowel

Blades manufactured from roll forged hardened and tempered high carbon alloy steel. With protective lacquer to inhibit rust. Angled handle for balance. Square forged tang and chromed ferrule holds blade securely to prevent twisting.



Product Number	Overall Length	Order Code S&J-513	List Price/1	Offer Price/1
10110V-03	255mm (10")	-2701A	£22.48	£17.08



Professional Brick Trowel

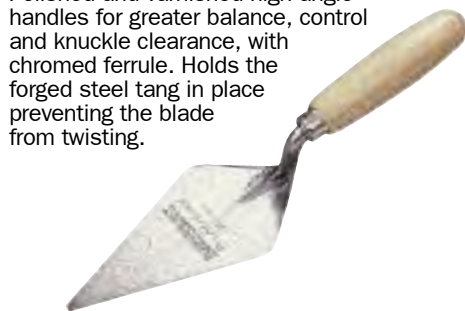
Manufactured from high carbon tempered and hardened steel with a ground and polished finish, tapered to remain rigid to the tip. Polished and varnished high angle handle, with chromed ferrule, holds the tang in place preventing the blade from twisting.



Overall Length	Width (mm)	Order Code KEN-512	List Price/1	Offer Price/1
280mm (11")	140	-0060K	£16.20	£10.69

Professional Pointing Trowel

Made from high carbon tempered and hardened steel with a ground and polished finish. Tapered to remain rigid to the tip. Polished and varnished high angle handles for greater balance, control and knuckle clearance, with chromed ferrule. Holds the forged steel tang in place preventing the blade from twisting.



Overall Length	Width (mm)	Order Code KEN-512	List Price/1	Offer Price/1
150mm (6")	75	-0020K	£6.45	£4.26

Gauging Trowel

London pattern, a smooth rounded end wooden handle with integral tang.



Overall Length	Width (mm)	Order Code KEN-512	List Price/1	Offer Price/1
180mm (7")	90	-0040K	£4.94	

Pointing Trowel

WHS Pointing Trowel

For pointing walls and use in confined areas. Roll forged, hardened and tempered high carbon steel blades with lacquered coating to inhibit rust. London pattern smooth rounded wooden handle with internal tang.



Product Number	Width (mm)	Order Code S&J-513	List Price/1	Offer Price/1
11106Q-03	150	-2806G	£13.74	£10.44

GROUP 515 CRIMPING TOOLS

KENNEDY Multi-Purpose Crimping Plier Kit

Made from heavy gauge carbon steel heat treated to HRa 65/70. Chemically blackened with cushion grip handles for operator comfort.

Kit comes complete with 100 assorted insulated and non-insulated terminals in a neat plastic see through box.

Strip range: 0.75 - 6.

Crimp/cut capacity: 1.5 - 16mm.

100
PIECES



Description	Order Code KEN-515	List Price/1	Offer Price/1
Plier only	-5050K	£8.83	£6.80
100 Piece Kit	-5090K	£18.54	£12.98

5-Way Stripping & Crimping Kit

240mm heavy gauge hardened carbon steel wire crimper with anvil action cutters and PVC grip.

Insulation terminals: 1.5mm² (red), 2.5mm² (blue) and 6.0mm² (yellow).

Wire cutters: M2.6, M3.0, M3.5, M4.0 and M5.0mm.

Non insulated terminals: 1.5mm², 2.5mm² 4.0 - 6.0mm².

Wire strippers: 0.75, 1.0, 1.5, 2.5, 4.0 and 6.0mm².

Kit Contents: 40mm 5-Way Crimping Tool.

Blade connectors: red - 2.3 x 10.4mm, blue - 2.8 x 9.0mm.

Push-on spade connectors - male: red - 6.3 x 0.8mm, blue - 6.3 x 0.8mm.

Push-on spade connectors - female: red - 6.3 x 0.8mm, blue - 6.3 x 0.8mm.

Butt connectors: red - 0.5 x 1.5mm², blue - 1.5 x 2.5mm².

Bullet connectors - male: red - 4.0mm², blue - 4.0mm².

Bullet connectors - female: red - 4.0mm, blue - 4.0mm.

Fork connectors: red - 4.0mm, blue - 4.0mm, yellow - 4.0mm.

Ring connectors: red - 4.0mm, blue - 4.0mm, yellow - 6.0mm.

Description	Order Code KEN-515	List Price/1	Offer Price/1
361 Piece Ratchet Crimping Kit	-5530K	£33.38	£25.70



361
PIECES

Heavy Duty Ratchet Crimping Tool Kit

Heavy duty 220mm ratchet crimper with a selection of pre-insulated red, blue and yellow electrical connector terminals, cable ties and insulation tape. Ratchet crimper has laminated steel jaws with strengthened PVC handle grips.

Suitable for crimping insulated terminals as follows: red channel: 0.5 - 1.00mm²,

blue channel: 1.5 - 2.5mm², yellow channel: 4.0 - 6.0mm².

Supplied in a fitted case with slide locking clips and handle.

Kit contents: Heavy duty ratchet crimper, black insulation tape (19mm x 9m), black cable ties (2.5 x 100mm).

Ring connectors: red - 3.7, 4, 5mm, blue - 3.7, 4, 5, 6mm, yellow - 4, 5mm.

Butt connectors: red - 1.5 x 1.5mm², blue - 1.5 x 2.5mm².

Push-on spade connectors - male: red, blue, yellow - 6.3 x 0.8mm.

Push-on spade connectors - female: red, blue, yellow - 6.3 x 0.8mm.

Push-on spade covered connectors - female: red, blue - 6.3 x 0.8mm.

Push-on piggy back connectors - female: red, blue - 6.3 x 0.8mm.

Bullet connectors - male: red, blue - 4mm.

Bullet connectors - female: red, blue - 4mm.

Description	Order Code KEN-515	List Price/1	Offer Price/1
552 Piece Ratchet Crimping Kit	-5540K	£89.03	£62.32



552
PIECES

Terminals - Rings/Forks

Red ring 4BA, 2BA and 1/4.
Blue ring 2BA, 1/4 and 5/16.
Yellow ring 1/4, 5/16 and 3/8.
Spade blue, red and yellow.

Average quantity:
300 pieces.



Type	Average Quantity	Weight each	Order Code KEN-515	List Price/1	Offer Price/1
Terminals	300	0.60kg	-5620K	£17.95	£12.57

Terminals - Spades/Bullets/Butt Connectors

Contents:

Butt connectors:
red, blue and yellow.

Spade connectors (push-on female):
6.3mm - red, blue and yellow.

Female bullet connectors:
4mm - red, and blue.

Male bullet connectors:
4mm - red and blue.



Type	Average Quantity	Weight each	Order Code KEN-515	List Price/1	Offer Price/1
Terminals	240	0.40kg	-5610K	£18.51	£12.96

KENNEDY
QUALITY THROUGH ENGINEERING**Standard Industrial
Terminals**

Durable low cost copper or brass connectors. Manufactured as single piece connectors. Electro tinned to protect from corrosion. Insulated with flared entry, colour coded vinyl sleeves. All disconnect terminals supplied with anti-vibration copper sleeve.

Push-on Female and Male Tab Connector Terminals

Pack quantity: 100.



Type	Colour	Tab Size (mm)	Order Code KEN-515	List Price/Pk	Offer Price/Pk	Offer Price/5+	Offer Price/10+
Push-on	Red	6.3 x 0.8	-3000K	£18.84	£14.51	£13.19	£11.87
Push-on	Blue	6.3 x 0.8	-3010K	£20.88	£16.08	£14.62	£13.15
Push-on	Yellow	6.3 x 0.8	-3020K	£31.97	£24.62	£22.38	£20.14
Tab	Red	6.3 x 0.8	-3700K	£18.84	£14.51	£13.19	£11.87
Tab	Blue	6.3 x 0.8	-3710K	£18.78	£14.46	£13.15	£11.83
Tab	Yellow	6.3 x 0.8	-3720K	£29.87	£23.00	£20.91	£18.82

Push-on Fully Insulated Female Connector Terminals

Pack quantity: 100.



Type (Female)	Colour	Tab Size (mm)	Order Code KEN-515	List Price/Pk	Offer Price/Pk	Offer Price/5+	Offer Price/10+
Push-on	Red	6.3	-1520K	£24.93	£19.20	£17.45	£15.71
Push-on	Blue	6.3	-1500K	£29.18	£22.47	£20.43	£18.38
Push-on	Yellow	6.3	-1540K	£40.29	£31.02	£28.20	£25.38

Push-on Piggy Back Terminals

Pack quantity: 100.



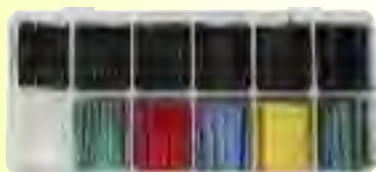
Type (Female)	Colour	Tab Size (mm)	Order Code KEN-515	List Price/Pk	Offer Price/Pk	Offer Price/5+	Offer Price/10+
Push-on	Red	6.3	-3730K	£29.21	£22.49	£20.45	£18.40
Push-on	Blue	6.3	-3740K	£29.55	£22.75	£20.69	£18.62

Heat Shrink Tubing Kits

Suitable for connecting, and handling, electric wire insulating and harnessing, corrosion proofing metal rods and tubes, antenna protection. Made from halogen-free environmentally friendly polyolefin which is flame retardant and RoHS compliant. Its operating temperature is from 55°C to 125°C and shrinking starts at 70°C and becomes totally shrunk at 110°C. Its shrink ratio is 2:1 and has a maximum electrical rating of 600V. Assorted colours. For use with heat guns and gas torches.



6900K-

NEW

-6910K

Number of Pieces	Tube Dia. (mm)	Order Code KEN-515	List Price/Pk	Offer Price/Pk
32	4.8 (16), 6.4 (12), 9.5 (4)	-6800K	£6.13	£4.72
171	2 - 20 (Assorted)	-6900K	£12.11	£12.11
181	2 - 9 (Assorted)	-6910K	£21.19	£21.19

Blade Connector Terminals

Pack quantity: 100.



Type	Colour	Size (mm) Dia. x L	Order Code KEN-515	List Price/Pk	Offer Price/Pk	Offer Price/5+	Offer Price/10+
Blade	Red	2.3 x 10.4	-2000K	£15.98	£12.30	£11.19	£10.07
		1.9 x 18.4	-2010K	£17.08	£13.15	£11.96	£10.76
Blade	Blue	2.8 x 9.0	-2050K	£15.86	£12.21	£11.10	£9.99
		2.3 x 18.4	-2060K	£19.32	£14.88	£13.52	£12.17
Blade	Yellow	2.8 x 10.0	-2100K	£33.29	£25.63	£23.30	£20.97

Fork and Ring Connector Terminals

Pack quantity: 100.



Type	Colour	Tab Size (mm)	Order Code KEN-515	List Price/Pk	Offer Price/Pk	Offer Price/5+	Offer Price/10+
Fork	Red	3.2	-2200K	£12.48	£9.61	£8.74	£7.86
		3.5	-2210K	£12.48	£9.61	£8.74	£7.86
		4.0	-2220K	£12.48	£9.61	£8.74	£7.86
		5.0	-2230K	£12.48	£9.61	£8.74	£7.86
		6.0	-2240K	£17.26	£13.29	£12.08	£10.87
Fork	Blue	3.2	-2260K	£13.95	£10.74	£9.77	£8.79
		3.5	-2270K	£13.95	£10.74	£9.77	£8.79
		4.0	-2280K	£13.95	£10.74	£9.77	£8.79
		5.0	-2290K	£13.95	£10.74	£9.77	£8.79
		6.0	-2300K	£18.31	£14.10	£12.82	£11.54
Fork	Yellow	3.0	-2320K	£21.04	£16.20	£14.73	£13.26
		4.0	-2330K	£21.04	£16.20	£14.73	£13.26
		5.0	-2340K	£21.04	£16.20	£14.73	£13.26
		6.0	-2350K	£30.62	£23.58	£21.43	£19.29
Ring	Red	3.0	-2400K	£11.38	£8.76	£7.97	£7.17
		3.7	-2410K	£11.38	£8.76	£7.97	£7.17
		4.0	-2420K	£12.48	£9.61	£8.74	£7.86
		5.0	-2430K	£12.48	£9.61	£8.74	£7.86
		6.0	-2440K	£17.26	£13.29	£12.08	£10.87
Ring	Blue	8.0	-2450K	£17.26	£13.29	£12.08	£10.87
		10.0	-2460K	£24.46	£18.83	£17.12	£15.41
		3.0	-2500K	£13.95	£10.74	£9.77	£8.79
		3.7	-2510K	£13.95	£10.74	£9.77	£8.79
		4.0	-2520K	£13.95	£10.74	£9.77	£8.79
Ring	Yellow	5.0	-2530K	£13.95	£10.74	£9.77	£8.79
		6.0	-2540K	£18.31	£14.10	£12.82	£11.54
		8.0	-2550K	£19.00	£14.63	£13.30	£11.97
		10.0	-2560K	£24.46	£18.83	£17.12	£15.41
		12.0	-2570K	£43.20	£33.26	£30.24	£27.22
Ring	Blue	3.0	-2600K	£21.04	£16.20	£14.73	£13.26
		4.0	-2620K	£21.04	£16.20	£14.73	£13.26
		5.0	-2630K	£22.97	£17.69	£16.08	£14.47
		6.0	-2640K	£30.62	£23.58	£21.43	£19.29
		8.0	-2650K	£32.10	£24.72	£22.47	£20.22
Ring	Yellow	10.0	-2660K	£32.10	£24.72	£22.47	£20.22
		12.0	-2670K	£44.66	£34.39	£31.26	£28.14

Butt Connector Terminals

Pack quantity: 100.

Type	Colour	Pack Quantity	Order Code KEN-515	List Price/Pk	Offer Price/Pk	Offer Price/5+	Offer Price/10+
Butt	Red	100	-2900K	£18.84	£14.51	£13.19	£11.87
Butt	Blue	100	-2910K	£18.78	£14.46	£13.15	£11.83
Butt	Yellow	100	-2920K	£29.87	£23.00	£20.91	£18.82

Female Socket and Male Bullet Connector Terminals

Pack quantity: 100.



Type	Colour	Bullet Dia. (mm)	Order Code KEN-515	List Price/Pk	Offer Price/Pk	Offer Price/5+	Offer Price/10+
Socket	Red	4	-3100K	£25.27	£19.46	£17.69	£15.92
Socket	Blue	4	-3110K	£26.74	£20.59	£18.72	£16.85
		5	-3120K	£26.74	£20.59	£18.72	£16.85
Socket	Yellow	5	-3130K	£38.46	£29.61	£26.92	£24.23
Bullet	Red	4	-3500K	£19.62	£15.11	£13.73	£12.36
		4	-3510K	£21.00	£16.17	£14.70	£13.23
Bullet	Blue	5	-3520K	£21.00	£16.17	£14.70	£13.23
Bullet	Yellow	5	-3530K	£36.16	£27.84	£25.31	£22.78

CONTRACT PRICES AVAILABLE FOR VOLUME PURCHASES

All Prices Exclude V.A.T. © 2012

GROUP 515 CRIMPING TOOLS

KENNEDY Ferrule Crimp Tool

Ferrule crimp tool with full cycle ratcheting crimp frame and adjustable crimp pressure. Carbon steel jaws with a chemically blacked finish and PVC handles.

Model TCF 004

Capacity: 0.5, 0.75, 1.0, 1.5, 2.5 and 4mm².

AWG 20, 18, 17, 16, 13 and 11.

Model TCF 016

Capacity: 6, 10 and 16mm².

AWG 10, 8 and 6.



Model Number	Order Code	List Price/1	Offer Price/1
TCF004	-5200K	£52.37	£40.32
TCF016	-5210K	£55.95	£43.08
Replacement Jaws (TCF004)	-6200K	£24.04	£18.51
Replacement Jaws (TCF016)	-6300K	£24.04	£18.51

Uninsulated Terminal Crimp Tool

Model TCU 006

Uninsulated terminal crimp tool with full cycle ratcheting crimp frame and adjustable crimp pressure. Carbon steel jaws with a chemically blacked finish and PVC handles.

Tab width: 6.3mm.

Capacity: 0.5 - 1.0, 1.0 - 2.5 and 4.0 - 6.0mm².



Model Number	Order Code	List Price/1	Offer Price/1
TCU006	-5400K	£69.97	£53.88
Replacement Jaws	-6400K	£26.10	£20.10

Crimp Tool Kit

Model TCK 005

Crimp tool kit with full cycle ratcheting crimp and adjustable crimp pressure frame. Five pairs of interchangeable hardened and tempered carbon steel jaws with a chemically blacked finish for terminals, connectors, ferrules and end sleeves. Supplied in a robust plastic carry case.



Product Number	Order Code	List Price/1	Offer Price/1
TCK 005	-5500K	£105.01	£73.51

Replacement Jaws To suit Kennedy ratcheting frame crimping tools.

Crimp Type	Order Code	List Price/1	Offer Price/1
Ferrule Terminals 0.5mm ² - 4mm ²	-6200K	£24.04	£18.51
Insulated Terminals 0.5mm ² - 6.0mm ²	-6220K	£24.04	£18.51
Ferrule Terminals 6mm ² - 16mm ²	-6300K	£24.04	£18.51
Uninsulated Terminals 0.5mm ² - 6.0mm ²	-6400K	£26.10	£20.10
Uninsulated Terminals 1.5mm ² - 10.0mm ²	-6500K	£19.84	£15.28

Insulated Terminal Crimp Tool

Model TCI 006

Insulated terminal crimp tool, with full cycle ratcheting crimp frame and colour coded jaws, with adjustable and preset crimp pressure for accurate crimping. Carbon steel, hardened and tempered jaws with a chemically blacked finish and PVC handles.

Capacity:

Red: 0.5 - 1.5mm², AWG 20 - 16.

Blue: 2.5mm², AWG 14.

Yellow: 4.0 - 6.0mm², AWG 12 - 10.



Model Number	Order Code	List Price/1	Offer Price/1
TCI006	-5220K	£49.87	£38.40
Replacement Jaws	-6220K	£24.04	£18.51

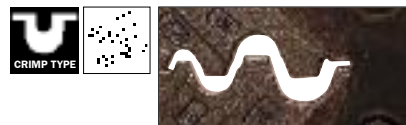
Uninsulated Terminal Crimp Tool

Model TCU 016

Uninsulated terminal crimp tool with full cycle ratcheting crimp frame and adjustable crimp pressure. Carbon steel jaws with a chemically blacked finish and PVC handles.

Capacity: DIN 1 - 2, 6, 10 and 16mm².

AWG 14, 10, 8 and 6.



Model Number	Order Code	List Price/1	Offer Price/1
TCU016	-5420K	£76.99	£59.28
Replacement Jaws	-6420K	£36.32	£27.97

Coaxial Crimp Tool

Model TCC 008

Coaxial crimp tool with full cycle ratcheting crimp frame and adjustable crimp pressure. Carbon steel jaws with a chemically blacked finish and PVC handles.

Suitable for RG cable:

6, 58, 59 and 62.

Hexagonal crimp of 1.72, 2.5, 5.4, 6.48 and 8.22mm.



Model Number	Order Code	List Price/1	Offer Price/1
TCC008	-5340K	£52.37	£40.32
Replacement Jaws	-6340K	£24.04	£18.51

Modular Plug Crimp Tool

Model MCT 008

Modular plug crimping tool complete with wire cutting and stripping facilities. Manufactured from hardened and tempered carbon steel with chemically blacked finished and tempered jaws with PVC handles.

Capacity: 8P8C/RJ-45, 6P/RJ-12, RJ-11 and 6P2C.



Model Number	Order Code	List Price/1	Offer Price/1
TMCT008	-5460K	£44.14	£33.99

Heavy Duty Crimp Tool

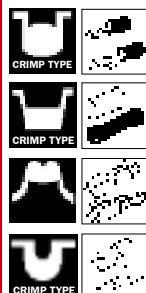
Model TCU 095

Heavy duty crimp tool for uninsulated terminals. Tool steel jaws and manufactured from ductile iron.

Capacity: cable lugs: 10mm² - 95mm². Aluminium AWG to 4/0. Copper 8WG to 250 MCM.



Model Number	Order Code	List Price/1	Offer Price/1
TCU095	-5440K	£180.75	£139.18
Replacement Jaws	-6440K	£59.83	£46.07



KENNEDY
QUALITY INSURANCE TOOLING

Cable Tie Gun

Steel jaws grip the cable with trigger action for rapid tightening, tensioning and trimming, ideal for production environments.

Capacity: 2.4 to 4.8mm width.



Capacity (mm)	Order Code	List Price/1	Offer Price/1
2.4 - 4.8	KEN-516	£17.00	£12.92
	-8400K		

Mains Testers

With heavy duty one-piece moulded insulation sheaths covering both blade and transparent plastic handle for extra protection and safety. Will detect 'live' electricity supply. Suitable for AC to 125 - 250V. 3mm wide tip. Conforms to **VDE 0630 Part 4**.



Blade Length	Cap Type	Weight per 12	Order Code	List Price/1	Offer Price/1
150mm	Plastic	210g	KEN-515	£3.48	£2.68
190mm	Plastic	400g	-0500K	£4.67	£3.60
			-0550K		

FLUKE Wall Socket & Extension Tester

SM100 Socket Tester

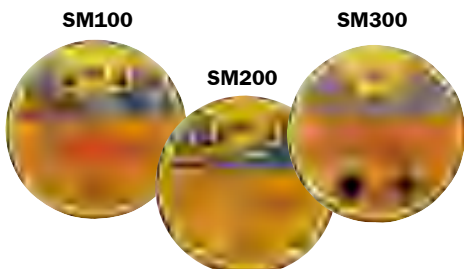
Clear LED indication of wiring status. Modern, ergonomic design. Compact and durable, simple to use, just plug into a socket for autotest.

SM200 Socket Master Plus

Designed for first level indication for testing standard mains sockets. Clear LED indication of wiring status and audible notification of wiring condition. Simple to use, just plug into socket for autotest.

SM300 Socket Tester

Clear bi-colour LED and audible indication of wiring status. Unique soft-touch RCD test checks 30mA RCD's for trip within 300ms earth volts. Touch pad detects raised earth voltages up to 50V, indicating potentially dangerous situations.



Product Number	Order Code	Offer Price/1
SM100	-6100A	£17.00
SM200	-6200B	£22.00
SM300	-6300C	£33.00

EDISON

Cable Ties



Suitable for securing or retaining cables and objects of various shapes and sizes. Tensile strengths of 8 to 22kg. Heat resistant from 40°C to 85°C. Supplied in pack of 100.



1001
USES IN THE
WORKSHOP
OFFICE
GARDEN
and HOME



Size (mm)	Order Code		Offer Price/100
	Black	Natural	
2.5 x 100	-2100K	-2110K	£0.95
2.5 x 160	-2120K	-2130K	£1.90
2.5 x 200	-2140K	-2150K	£3.14
3.5 x 150	-2200K	-2210K	£2.68
3.5 x 200	-2220K	-2230K	£3.59
3.5 x 300	-2240K	-2250K	£7.20
3.5 x 370	-2260K	-2270K	£9.53
4.8 x 120	-2300K	-2310K	£2.93
4.8 x 200	-2320K	-2330K	£3.59
4.8 x 300	-2340K	-2350K	£7.20
4.8 x 380	-2360K	-2370K	£10.73
4.8 x 430	-2380K	-2390K	£12.81
7.0 x 200	-2500K	-2510K	£6.84
7.0 x 300	-2520K	-2530K	£9.89
7.9 x 350	-2600K	-2610K	£13.40
7.9 x 400	-2620K	-2630K	£15.00
7.9 x 450	-2640K	-2650K	£16.84
9.0 x 550	-2800K	-2810K	£29.90
9.0 x 760	-2820K	-2830K	£51.73
12.0 x 650	-2900K	-2910K	£43.67

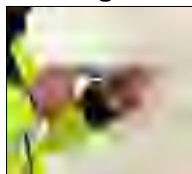
KENNEDY
QUALITY INSURANCE TOOLING

Magnetic Cable Guider

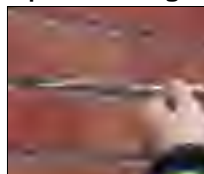
An innovative tool for inserting cables through brick walls, cavity walls, studwork etc. Tested by major utilities - saves hours of engineers time. Includes three adaptors for 3.7 to 5.9mm cable diameters. Drill bit not included.



Push through cable guider



Attach to guider and pull back through



NOT FOR USE WITH LIVE CABLES!

Type	Order Code	List Price/1	Offer Price/1
Cable Guider	-9600K	£17.39	£13.22
Caps (Pk 6)	-9620K	£7.94	£6.03

Assorted Cable Tie Sets

Contains 100 of each size:
2.5 x 100mm and 160mm,
3.5 x 200mm and 300mm,
4.8 x 200mm and 300mm.



600
PIECES

Colour	Weight	Order Code	Offer Price/1
Black	645g	EDI-515	£17.60
Natural	645g	-3000K	£17.60
		-3010K	

Cable Tie Sets

Contents comprise of one width x two lengths:
2.5mm - 100mm and 160mm,
3.5mm - 200mm and 300mm,
4.8mm - 200mm and 300mm.

Width	Colour	Pk Qty	Order Code	Offer Price/1
2.5mm	Black	300	-3040K	£4.31
2.5mm	Natural	300	-3050K	£4.31
3.5mm	Black	400	-3060K	£16.57
3.5mm	Natural	400	-3070K	£16.57
4.8mm	Black	500	-3080K	£26.83
4.8mm	Natural	500	-3090K	£26.83

KENNEDY
QUALITY INSURANCE TOOLING

Wall Socket & Extension Tester



Fits into a three pin socket. Indicates correct, no neutral, L and E reversed, L and N reversed and no earth wiring.



Voltage	Order Code	List Price/1	Offer Price/1
240V	KEN-515	£17.36	£13.37
	-1000K		

KENNEDY **No.500 Cable Stripper/
Screwdriver/Volt Tester**

The newly developed Multi-Stripper PLUS, screwdriver, voltage tester, stripper for conductors, round and coaxial cables and cutter in only one tool. **Screwdriver:** two double ended bits: No.1PZ and 8855; x 3.5 slotted No.2PZ and 8855: x 4.0 slotted bit storage inside ergonomic dual material handle. **Voltage tester:** 110 - 250V. **Round cable stripper:** capacity 8 - 13mm dia (eg NYM 3x 1.5mm - 5x 2.5mm). **Built-in side cutter:** for PVC-isolated round cables max. 9mm dia. **Coax stripper:** two or three-level stripping of all common coaxial cables of 4.8 - 7.5mm dia. **Wire stripper:** for all common stranded and solid conductors 0.5mm (20AWG) to 6.0mm (10AWG).



Capacity (mm)	Order Code KEN-516	List Price/1	Offer Price/1
8.0 - 13.0	-8340K	£38.55	£29.30

Cable Strippers

Durable plastic bodies with hardened and ground sharpened steel blades with precise depth of cut adjustment. Spring loaded safety cover, covers the blade when not in use. For standard and solid conductors. Hardened steel blades.

CS16

For stripping of all common round cables of 4 - 28mm. Wire stripper adjusts automatically to diameter of wire to allow quick and accurate stripping. Stripping blades are made from hardened steel.

Overall length: 125mm.



CS27

For stripping of all common round cables of 4 - 28mm. Wire stripper adjusts automatically to diameter of wire to allow quick and accurate stripping. Stripping blades are made from hardened steel.

Overall length: 130mm.



CS28

Complete with hook knife for splitting flat and ribbon cables along its length.

Overall length: 170mm.



Product Number	Capacity (mm ²)	Weight each	Order Code KEN-516	List Price/1	Offer Price/1
CS16	4.0 - 16.0		-7900K	£11.27	£8.57
CS27	8.0 - 27.0		-7910K	£11.27	£8.57
CS28	4.0 - 28.0		-7920K	£12.56	£9.55
Spares to suit CS16, CS27 & CS28		125g	-7950K	£2.60	£1.98

Cable Stripping Knife

Steel blade and cushioned handle, used for stripping cable and wire.

Overall length: 150mm.



Length	Order Code KEN-516	List Price/1	Offer Price/1
150mm	-7500K	£4.23	£3.21

Multi-Stripper PLUS

Cable Stripper for round and continental type cables of 8 - 13mm dia (e.g. NYM 3x 1.5mm² up to 5x 2.5mm²).

Flush stripping even in hard-to-reach areas, e.g. ceiling and wall areas, junction and distribution boxes, switch cabinets, etc. The ergonomic tool design provides a sure grip and safe handling. Needs no adjustment of the cutting depth.



Capacity (mm)	Order Code KEN-516	List Price/1	Offer Price/1
0.5 - 6.0	-8300K	£18.69	£14.20

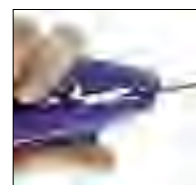
Wire Stripper & Cutter

Unique self-adjusting cutting action for rapid repeatable wire stripping. Hardened and tempered ground steel blades housed in durable plastic bodies contoured to fit comfortably into the hand for extended periods of use encountered in electrical assembly industries.

Mini-Duo Wire Stripper & Cutter

Fully insulated wire stripper for all common stranded and solid conductors of 0.5 - 6.0mm². Adjusts automatically to diameter of wire. Blades are made from hardened steel.

Overall length: 155mm.

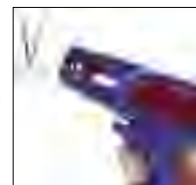


Capacity (mm ²)	Order Code KEN-516	List Price/1	Offer Price/1
0.5 - 6.0	-7980K	£25.63	£19.48

Super Wire Stripper & Cutter

Fully insulated for all stranded and solid conductors from 0.2 to 6mm². Automatically adjusts to the diameter of wire. Reinforced polyamide construction.

Overall length: 195mm.



Capacity (mm ²)	Order Code KEN-516	List Price/1	Offer Price/1
0.2 - 6.0	-7970K	£29.62	£22.51

Co-axial Cable Cutter

Two preset pairs of blades, one for outer sheathing, one for dielectric. For cable diameter range of 4.8 - 7.5mm². Also strips flexible cables of 3 x 0.75mm², 10mm² and 16mm².

Overall length: 110mm.



Capacity (mm ²)	Order Code KEN-516	List Price/1	Offer Price/1
4.8 - 7.5	-7960K	£17.35	£13.19

KENNEDY Cable Stripper & Ripper**MK02**

For stripping of outer insulation from cables. Spring loaded gripping arm, blade has adjustable cutting depth of up to 3mm. Blade can be turned through 90° by pushing the side button, to cut along the length of cable. Also features a spring loaded ripping blade for insulation removal.

Overall length: 138mm.



Capacity (mm ²)	Order Code KEN-516	List Price/1	Offer Price/1
4.5 - 28.0	-8040K	£33.29	£25.30
5 Spare Blades*	-8030K	£24.28	£18.45

Wire Stripper, Cutter & Crimper**Duo Crimp**

Combined stripping and crimping tool. Stripping tool adjusts automatically to the diameter of the wire.

Wire diameter range: 0.5 - 6.0mm². Two crimping ranges are available 0.5 - 1.5mm² and 2.5 - 6.0mm².

Complete with side wire cutter.

Overall length: 155mm.



Capacity (mm ²)	Weight each	Order Code KEN-516	List Price/1	Offer Price/1
0.5 - 6.0	150g	-8520K	£69.47	£52.80

Electrician's Shears

For use on soft cable up to 22mm² diameter, can also be used for stripping, cutting insulation materials, electrical tape and cable ties. Stainless steel blades with hardened edge with vanadium and molybdenum for long lasting edge. HRC58-60 with one cutting edge serrated to reduce slipping and notched blade for tough and large diameter cuts. Tough, lightweight nylon handles. Supplied with handy clip-on belt pouch.

Cutting length: 45mm (1¾").



Length (mm)	Weight each	Order Code KEN-516	List Price/1	Offer Price/1
140	150g	-6400K	£23.34	£17.74

Powerstrip Wire Stripper

Self adjusting. Wire is gripped and stripped in a single action. Also features a wire cutter to allow for trimming. Adjustable slide and lock wire stop for fast accurate setting of strip length.



Overall length: 175mm.

Capacity (mm ²)	Order Code KEN-516	List Price/1	Offer Price/1
1.25 - 6.0	-8065K	£34.66	£34.66

SENATOR Automatic Wire Stripper

For stripping single core wire up to 6mm diameter. Also with bypass action cutting blades for wire up to 6mm diameter.



Capacity (mm)	Order Code SEN-516	List Price/1	Offer Price/1
6.0	-8240K	£29.79	£22.64

KENNEDY FOC145 Fibre Optic Cutters - with Serrated Blade**FOC145**

Designed for cutting fibre optics, KEVLAR materials, plastic canvas, upholstery, headlines, cloth, fabric, string and many more. Lightweight and easy to use for both right and left handed users. Easy reach thumb lock.

Long lasting precision ground hardened high carbon alloy steel with molybdenum and vanadium blades.

Serrated blade reduces slippage.

Overall length:

145mm (5").

Cutting length: 32mm (1").

Overall Length	Weight each	Order Code KEN-533	List Price/1	Offer Price/1
145mm	82g	-3570K	£16.32	£11.42

Fibre Optic Shears - with Serrated Blade**FOC160**

Designed for cutting fibre optics, KEVLAR materials, plastic canvas, upholstery, headlines, cloth, fabric, string and many more. Lightweight and easy to use for both right and left handed users.

Long lasting precision ground hardened high carbon alloy steel with Molybdenum and Vanadium blades.

Serrated blade reduces slippage.

Adjustable pivot point adjusts the tension between the blades.

Extended tang for durability.

Overall length: 160mm

Cutting length: 42mm.

Overall Length	Weight each	Order Code KEN-533	List Price/1	Offer Price/1
160mm	82g	-3580K	£15.89	£11.12



Butane soldering irons can be used anywhere, any time, without having to plug into the wall. They don't have power cables making them ideally suitable for fine work. The run time for the irons varies from 30 to 90 minutes, depending on model and heat setting, but refilling them with butane gas only takes about 20 seconds. They offer more flexibility than traditional soldering irons as you can change the size of the soldering tips, put hot blow air tips for heat-shrink work, put hot knife tips on for cutting plastic, and flame tips for brazing. The temperature can be controlled very easily for each application (580°C to 1,300°C) with the temperature adjustment dial. Butane soldering irons don't use an open flame, unless using the flame tip. There are small catalytic combustion screens built into the other tips, which heat up and glow so that soldering iron won't flame out.

KENNEDY

Butane Soldering Tools

Flint type ignition which is built into the cap. Uses standard butane lighter fuel and is simple to refill. Fully adjustable tip temperature control with a safety fuel cut-off when cap is replaced. Textured anti-slip barrel. Supplied with pointed soldering tip. Can be used with double flat, hot air, flame and hot knife, can also be used as a blow torch. Supplied without fuel.



Power rating:	50W
Soldering temperature:	375°C
Run time:	60 minutes
Overall length with cap:	195mm
Overall length with soldering tip:	180mm.

Product Number	Weight each	Order Code KEN-516	List Price/1	Offer Price/1
BS050	100g	-9000K	£21.28	£16.17

Butane Soldering Iron Tips

Interchangeable tips for use with Kennedy butane soldering tools.

To Suit BS050 Soldering Iron

Type	Size (mm)	Order Code KEN-516	List Price/1	Offer Price/1
Double Flat Tip	2.4	-9050K	£7.57	£5.75
	4.8	-9040K	£7.57	£5.75
Fine Tip		-9060K	£7.57	£5.75
Hot Knife Tip		-9070K	£7.57	£5.75

Butane Soldering Tool Kit

Supplied in a robust plastic case with inlay.

Contents:

BS050 Butane soldering iron, tip cleaning sponge, stand, four interchangeable tips: 4.8mm and 3.0mm, double flat, hot knife.



Type	Weight each	Order Code KEN-516	List Price/1	Offer Price/1
6 Piece Soldering Kit		-9020K	£37.66	£28.62

SENATOR

Butane Micro Soldering Tool

Cordless and refillable. Uses standard butane lighter fuel 120W rating. Working temperature range up to 1,300°C. Lightweight, windproof flame, ideal for outdoors. Easily removed nozzle for cleaning or replacement. Can be used for shrinking heat seal plastic tubing. Light duty soldering. Craft projects. Thawing frozen locks. Includes one refillable fuel cartridge.



Weight each	Order Code SEN-516	List Price/1	Offer Price/1
105g	-2000K	£14.73	£11.19

Micro-Jet Plus Soldering Tool

Instant 1300°C microflame. Suitable for soldering, brazing, and freeing seized nuts. Powered by a refillable butane cigarette lighter. Safety lock to prevent accidental ignition. Approx running time per fill: 30 - 35 minutes.



Weight each	Order Code NIM-516	List Price/1	Offer Price/1
95g	-2220R	£12.93	£11.38

Micro-Therm Hot Air Tool

Produces a 650°C hot air stream. Suitable for heat shrinking of cable sleeves, for the rapid drying of adhesives and touch-up paint, will melt soft solder. Ideal for use in confined spaces. Powered by a refillable butane cigarette lighter. Safety lock to prevent accidental ignition. Approximate running time per fill: 30 - 35 minutes.



Weight each	Order Code NIM-516	List Price/1	Offer Price/1
110g	-2100H	£14.39	£12.66

NIMROD

Butane Soldering Torch

Cordless pocket sized soldering torch, butane powered - simple to refill. The gas fuel level can be seen clearly in the transparent 7ml tank. Textured anti-slip barrel, flint wheel in cap for ignition. Safety wire stand prevents the soldering iron from rolling when not in use. Can be used with hot knife, gas torch and deflector tips. Supplied with pointed soldering tip and without Butane.



Power rating:	30W to 70W.
Soldering temperature:	210°C to 400°C.
Maximum temperature:	1300°C.
Run time: (full tank of fuel at mid heat level setting).	approx 30 minutes
Overall length with cap:	153mm
Overall length with soldering tip:	140mm.

Product Number	Weight each	Order Code NIM-516	List Price/1	Offer Price/1
Pro 50	55g	-3010A	£17.08	£15.03

Butane Soldering Kit

Impact resistant plastic case with shock absorbing high density foam inlay. Contains the Pro 50 butane powered soldering torch. Pointed soldering tip, hot knife tip, blow torch tip and heat blower tip, coil of 60/40 resin cored solder and tip cleaning pad. Supplied without Butane.



Product Number	Weight each	Order Code NIM-516	List Price/1	Offer Price/1
Pro 50K	390g	-3020B	£30.23	£26.60



Butane Soldering Torch

Cordless soldering torch, butane powered, simple to refill. Suitable for soldering, light gauge welding, brazing. The gas fuel level can be seen clearly in the transparent 20ml tank. Textured anti-slip barrel, flint wheel in cap for ignition. Safety wire stand prevents the soldering iron from rolling when not in use. Supplied with pointed soldering tip and blow torch nozzle. Can be used with hot knife, gas torch and deflector tips. Supplied without Butane.



Power rating:	30W to 70W.
Soldering temperature:	250°C to 500°C.
Maximum temperature:	1300°C.
Run time: (full tank of fuel at mid heat level setting).	approx 120 minutes
Overall length with cap:	233mm
Overall length with soldering tip:	215mm.

Product Number	Weight each	Order Code	List Price/1	Offer Price/1
Pro 70	80g	NIM-516 -3050D	£21.16	£18.62

Butane Soldering Kit

Impact resistant plastic case with shock absorbing high density foam inlay. Contains the Pro 70 butane powered soldering torch, pointed soldering tip, hot knife tip, blow torch tip and heat blower tip, coil of 60/40 resin cored solder and tip cleaning pad. Supplied without Butane.



Product Number	Weight each	Order Code	List Price/1	Offer Price/1
Pro 70K	400g	NIM-516 -3060E	£38.14	£33.56

Butane Soldering Rework Kit

A complete rework kit with all of the items needed for repairing soldered joints in electrical and electronic circuits. Kit contains a Pro 70 butane soldering torch - (which will not release static discharge into circuits or components), desolder pump, gas torch tip, hot air blower tip, coil of 60/40 cored solder, container of flux, metal stand and user manual. Supplied without butane.



Product Number	Weight each	Order Code	List Price/1	Offer Price/1
Solderpro 70KS	340g	NIM-516 -3070F	£44.55	£39.20

SOLDERING TOOLS



Butane Soldering Tool

PIEZO self ignition. Uses standard butane lighter fuel and is simple to refill. Fully adjustable tip temperature control with a safety fuel cut-off when cap is replaced. Textured anti-slip barrel with built in stand for anti roll. Supplied with pointed soldering tip. Can be used with double flat, hot air, flame and hot knife, can also be used as a blow torch. Supplied without fuel.



Power rating:	50W
Soldering temperature	375°C
Run time	60 minutes
Overall length with cap:	195mm
Overall length with soldering tip:	180mm.

Product Number	Weight each	Order Code	List Price/1	Offer Price/1
BS075	100g	KEN-516 -9100K	£48.04	£36.51

Butane Soldering Iron Tips

Interchangeable tips for use with Kennedy butane soldering tools.



To Suit BS075 Soldering Iron

Type	Size (mm)	Order Code	List Price/1	Offer Price/1
Double Flat Tip	2.4	KEN-516 -9140K	£9.88	£7.51
	3.2	-9150K	£9.88	£7.51
	4.8	-9160K	£9.88	£7.51
Hot Air Tip		-9170K	£9.88	£7.51
Flame Tip		-9180K	£9.88	£7.51
Hot Knife Tip		-9190K	£9.88	£7.51

Butane Soldering Tool Kit

Supplied in a robust plastic case.

Contents: BS075 butane soldering iron, tip cleaning sponge, eight interchangeable tips: 2.4mm single flat, 1, 2.4, 3.2, 4.8mm double flat, hot air blower, hot knife and hot air deflector.



Gas Refill

SIV-860-0010K
£3.38

Product Number	Weight each	Order Code	List Price/1	Offer Price/1
75BW - 7 Piece Soldering Kit		KEN-516 -9120K	£67.29	£51.14

Replacement Soldering Tips

Iron plated. For Use with PRO 50/PRO 70.

S-01	S-12	S-13	S-14	S-05	S-06	S-07
Product Number	Weight each	Order Code	List Price/1	Offer Price/1		
S-01 (1mm)	10g	NIM-516 -5500A	£5.86	£5.16		
S-12 (2mm)	10g	-5510B	£5.86	£5.16		
S-13 (3mm)	10g	-5520C	£5.86	£5.16		
S-14 (4mm)	10g	-5530D	£5.86	£5.16		
S-05 (Knife)	10g	-5600K	£5.86	£5.16		
S-06 (Torch)	10g	-5610L	£5.86	£5.16		
S-07 (Blower)	10g	-5620M	£5.86	£5.16		

CONTRACT PRICES AVAILABLE FOR VOLUME PURCHASES

All Prices Exclude V.A.T. © 2012

GROUP 516 SOLDERING TOOLS

SENATOR
QUALITY TOOLING

Butane Soldering Torch

Flint type ignition which is built into the cap. Uses standard butane lighter fuel and is simple to refill. Fully adjustable tip temperature control. Supplied with pointed soldering tip and a stand with sponge. Supplied without fuel.



Group 860

Power rating:	30W - 80W
Soldering temperature:	1300°C
Run time:	45 minutes
Overall length with cap:	235mm
Overall length with soldering tip:	230mm.

Type	Weight each	Order Code	List Price/1	Offer Price/1
Soldering Torch	105g	SEN-516-2020K	£22.93	£17.43

4-In-1 Butane Torch Kit

This excellent soldering kit represents exceptional value for money and contains:

Butane soldering tool complete with 2.4mm soldering tip, hot knife tip, hot air tip and flame tip. Protective cap with pocket clip. Stand and sponge.

Applications:

soldering circuit boards, craft projects, thawing frozen locks, shrinking heat seal plastic tubing and cauterising rope. The needle and 2.4mm soldering tip must be used in conjunction with the interchangeable tip holder.

Gas Refill



SIV-860-0010K
£3.38



Type	Weight each	Order Code	List Price/1	Offer Price/1
4-In-1 Soldering Kit	467g	SEN-516-2040K	£32.76	£24.90

Spares for 4-In-1 Torch Kit

Product Number	Weight each	Order Code	List Price/1	Offer Price/1
Flame Tip		-2060K	£4.92	£3.74
Needle Soldering Tip		-2080K	£4.92	£3.74
2.4mm Soldering Tip		-2100K	£4.92	£3.74
Hot Blower Tip		-2120K	£6.24	£4.74
Hot Knife Tip		-2140K	£6.24	£4.74
Interchangeable Tip Holder		-2200K	£6.24	£4.74

NIMROD

Butane Soldering Torch

Self igniting at the push of a switch, one handed operation. Cordless multi-function heat and soldering torch, butane powered simple to refill, 20ml tank. Textured anti-slip barrel with anti-roll flat on handle, to prevent movement when not in use. Suitable for soldering, brazing and light gauge welding. Fully adjustable tip temperature control.

Supplied with pointed soldering tip. Can be used with hot knife, gas torch and deflector tips. Supplied without Butane.



Power rating:	30W to 70W.
Soldering temperature:	250°C to 500°C.
Maximum temperature:	1300°C.
Run time: (full tank of fuel at mid heat level setting).	approx 120 minutes
Overall length with cap:	233mm
Overall length with soldering tip:	215mm.

Product Number	Weight each	Order Code	List Price/1	Offer Price/1
Pro 100	110g	NIM-516-3100H	£39.04	£34.36

Butane Soldering Kit

Impact resistant plastic case with shock absorbing high density foam inlay. Contains the Pro 100 butane powered soldering torch, pointed soldering tip, 2mm flat soldering tip, 30mm spreader tip, heat blower tip and deflector. A coil of 60/40 resin cored solder and tip cleaning pad. Supplied without Butane.



Product Number	Weight each	Order Code	List Price/1	Offer Price/1
Pro 100K	600g	NIM-516-3110J	£52.99	£46.63

Replacement Heavy Duty Soldering Tips

For use with PRO100/PRO120. Manufactured from copper stock, iron and nickel plated before finally 'tinned', ready for use.



CT-01	CT-02	PS-3	PS-4	PS-5	PS-6
Product Number	Product Number	Product Number	Product Number	Product Number	Product Number
Weight each	Weight each	Weight each	Weight each	Weight each	Weight each
10g	10g	10g	10g	10g	10g
Order Code	Order Code	Order Code	Order Code	Order Code	Order Code
NIM-516-5010A	NIM-516-5020B	NIM-516-5230C	NIM-516-5240D	NIM-516-5250E	NIM-516-5260F
£7.92	£7.92	£7.92	£7.92	£7.92	£7.92
£6.97	£6.97	£6.97	£6.97	£6.97	£6.97



Butane Soldering Torch - Heavy Duty

A heavy duty powerful heat tool with self ignition for one handed operation, butane powered simple to refill. The gas fuel level can be seen clearly in the transparent 38ml tank. Machined aluminium barrel with anti-roll flat on handle, to prevent rolling when not in use. Fully adjustable tip temperature control. Supplied with pointed soldering tip, this tool is capable of soft soldering, brazing, sweating and heat expansion of seized fasteners. Protective case with auto gas shut off. Can be used with hot knife, gas torch and deflector tips. Supplied without butane.



Power rating:	30W - 125W.
Soldering temperature:	250°C - 500°C.
Maximum temperature:	250 - 550°C.
Run time: (full tank of fuel at mid heat level setting).	approx 200 minutes
Overall length with cap:	254mm
Overall length with soldering tip:	245mm.

Product Number	Weight each	Order Code NIM-516	List Price/1	Offer Price/1
PRO 120	170g	-3140M	£41.96	£36.92

Butane Soldering Kit

Impact resistant plastic case with shock absorbing high density foam inlay. Contains the PRO 120 butane powered soldering torch, pointed soldering tip, 30mm spreader tip, blow torch and heat blower tip, coil of 60/40 resin cored solder and tip cleaning pad.



Supplied without butane.

Product Number	Weight each	Order Code NIM-516	List Price/1	Offer Price/1
PRO 120K	650g	-3150N	£67.09	£59.04

Butane Soldering Torch - Heavy Duty Rework Kit

A more comprehensive kit for the repair and maintenance of most electrical and electronic soldered assemblies, in the most remote environments. Contains: PRO 120 butane powered soldering torch with 2.4mm chisel tip, professional metal bodied desolder pump, precision side cutter(insulated), 1mm chisel tip, 5mm diameter hot air blower tip, gas torch tip, coil of 60/40 cored solder, two metal trays, flux, moulded stand and user manual. Supplied in a metal box with hammer paint finish and chrome plated snap latches.



Group 860



Product Number	Weight each	Order Code NIM-516	List Price/1	Offer Price/1
Pro 120KS	1.35kg	-3160P	£90.27	£79.44



Butane Soldering Tool

Piezo self ignition. Uses standard butane lighter fuel and is simple to refill. Fully adjustable tip temperature control with a safety fuel cut-off when cap is replaced. Textured anti-slip barrel with built in stand for anti roll. Supplied with pointed soldering tip. Can be used with single flat, double flat, hot air, hot air deflector and hot knife, can also be used as a blow torch. Supplied without fuel.

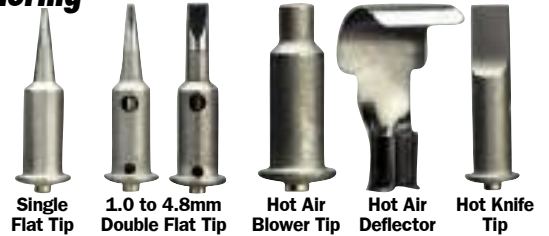


Power rating:	25W - 125W
Soldering temperature	580-1300°C
Run time	60 minutes
Overall length with cap:	235mm
Overall length with soldering tip:	230mm.

Product Number	Weight each	Order Code KEN-516	List Price/1	Offer Price/1
BS125	145g	-9300K	£55.00	£41.80

Butane Soldering Iron Tips

Interchangeable tips for use with Kennedy butane soldering tools.



To Suit BS125 Soldering Iron

Type	Size (mm)	Order Code KEN-516	List Price/1	Offer Price/1
To Suit BS050 Soldering Iron				
Single Flat Tip	2.4	-9340K	£10.90	£8.28
	1.0	-9350K	£10.90	£8.28
	2.4	-9360K	£10.90	£8.28
	3.2	-9370K	£10.90	£8.28
Double Flat Tip	4.8	-9380K	£10.90	£8.28
Hot Air Blower Tip		-9390K	£10.90	£8.28
Hot Air Deflector		-9400K	£10.90	£8.28
Hot Knife Tip		-9410K	£10.90	£8.28

Butane Soldering Tool Kit

BSK125

Butane soldering iron complete with 6 tip attachments and cleaning sponge.

Kit contents: 1x butane soldering iron, 6x tip attachments: 2.4mm, 4.8mm, double flat, hot knife, hot air blower and hot air deflector, 1x cleaning sponge.



Number of Pieces	Weight each	Order Code KEN-516	List Price/1	Offer Price/1
8	460g	-9320K	£84.14	£63.95

GROUP 516 SOLDERING TOOLS

KENNEDY Soldering Irons

Thermo-plastic handles, designed for comfort and a firm safe grip. The mains lead is held by a cable clamping screw which eliminates the strain on electrical connections. All supplied complete with a double flat nickel plated tip and 13amp 3-pin plug with 1.5m power lead as standard. Manufactured to **BS 3456**. All 230V.

15W Fine Duty For light duty electrical repairs and fine electronics work.



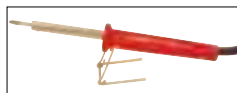
25W General Duty An all-purpose soldering iron for general electrical repairs in the workshop.



40W Medium Duty Medium duty soldering iron for most general soldering where a little more power is required.



75W Heavy Duty Heavy duty soldering iron for metal repairs such as battery connections and other small metal joining tasks.



Stand included



Power Rating	Tip Size (mm)	Duty	Overall Length	Weight each	Order Code	List Price/1	Offer Price/1
15W	3.0 Straight	Fine	216mm	270g	-2150K	£20.16	£15.32
25W	3.0 Straight	General	216mm	270g	-2250K	£20.33	£15.45
40W	3.0 Offset	Medium	235mm	285g	-2400K	£22.03	£16.74
75W	6.0 Offset	Heavy	275mm	330g	-2750K	£27.05	£20.56

Replacement Tips - Double Flat



Tip Style	Tip Size	To Suit Iron	Weight per 10	Order Code	List Price/1	Offer Price/1
Flat	3.0mm	15W, 25W	-	-3210K	£1.82	£1.82
Flat	3.0mm	40W	-	-3220K	£2.13	£2.13
Flat	6.0mm	75W	460g	-3230K	£3.84	£3.84
45° Offset	6.0mm	75W	460g	-3270K	£3.84	£3.84
45° Offset	6.0mm	40W	-	-3260K	£2.13	£2.13
Fine Point		25W	-	-3440K	£1.82	£1.82

ANTEX Soldering Irons

For general soldering duties. Cool touch handles with hanging hook. All meet new low voltage directives. Conform to **CE Standards**.



Product Number	Wattage (W)	Tip Size (mm)	Weight each	Order Code	List Price/1	Offer Price/1
230V Supply - Supplied with Plug						
CS18	18	2.5	170g	-2510A	£17.76	£15.63
XS25	25	3.0	180g	-2530C	£17.95	£15.80
HP80	80	3.5		-2520Y	£11.10	£9.77
24V Supply - Plug Supplied Separately						
XS25	25	3.0	180g	-2550E	£18.14	£15.96

Spares & Accessories

Product Number	Description	Order Code	List Price/1	Offer Price/1
Y031120	Plug to Suit XS25	-3170H	£3.17	£2.79
1106	1.0 Solder Bit for CS Irons	-5106G	£4.10	£3.61
1100	2.3 Solder Bit for CS Irons	-5100A	£4.10	£3.61
1101	3.0 Solder Bit for CS Irons	-5101B	£4.10	£3.61

SENATOR Soldering Irons

Suitable for workshop and general electrical repair work. Thermo-plastic handles are designed for comfort and a firm safe grip. The mains cable is held by a cable clamping screw which eliminates the strain on the electrical connections. Supplied with a double flat nickel plated tip, 1.2m power lead and 13A three pin plug. Manufactured to **BS EN 60335-2-45**.

NEW



Wattage	Voltage	Order Code	List Price/1	Offer Price/1
25W	230V	-2210K	£13.12	£9.97
40W	230V	-2240K	£17.34	£13.18

ADCOLA Soldering Irons

Designed for use on printed circuit boards and micro-electric soldering SMD and generally in the electronics industry. Lightweight design with a shim retained tip to prevent seizure. The 'K' series iron is designed so that an efficient heat flow is maintained to the tip, while the handle stays cool.

K1000

Rated 380°C (700°F). Tip diameter 4.75mm (³/₁₆""). Supplied with 5937 Adiron tip.

Wattage equivalent: 15.



Product Number	Voltage	Weight each	Order Code	List Price/1	Offer Price/1
K1240	230	165g	-3100R	£30.89	£27.18

K2000

Rated 400°C to 420°C (750°F to 790°F). Tip diameter 4.75mm (³/₁₆""). Supplied with 4057 Adiron tip.

Wattage equivalent: 25.



Product Number	Voltage	Weight each	Order Code	List Price/1	Offer Price/1
K212-3	12	232g	-3103D	£36.04	£31.72

WELLER Soldering Irons

SI Series - 120W Heavy Duty

Ergonomically designed triangular section handle. 240V, fitted with 3-pin plugs. Has a replaceable nickel-plated copper tip. Heavy duty soldering iron for the professional user and light industrial use.



Product Number	Voltage	Wattage	Weight each	Order Code	List Price/1	Offer Price/1
SI120D	240V	120W	500g	-6209K	£50.30	£43.76
SI175D	240V	175W	500g	-6211M	£65.56	£57.04
43107	Straight Tip	12.5mm		-6256G	£8.86	£7.71

SP80LUK

Heavy duty soldering iron for making metal repairs such as battery connections and small metal joining tasks.



Product Number	Voltage	Wattage	Order Code	List Price/1	Offer Price/1
SP80LUK	240V	80W	-6226G	£25.58	£22.25

WELLER Expert Soldering Kit

Ideal for hobbies, model making and home repairs. Copper soldering tip for use on wood, leather, burning and stain glass work. 240V - 50/60Hz, 100W with an insulation category of 11. Supplied with smoothing tip, cutting tip, soldering aid tool and a coil of multi-purpose solder.



Product Number	Order Code	List Price/1	Offer Price/1
8100 UDK	-6512D	£58.98	£51.31
Spare Tips	-6550M	£1.81	£1.57

ANTEX Soldering Tools

660-TC

Standard temperature controlled with a thumb wheel potentiometer setting. Supplied with bench stand and 50W soldering iron.



Temp Range	Weight each	Order Code	List Price/1	Offer Price/1
65 - 450°C	2.20kg	-2630M	£131.71	£115.90

ADCOLA Soldering Tips

Adcola Replacement Tips Adiron® Tips

For use with K2000, K4000, 101, 151 and 444.

Product Number	Tip Size (mm)	Weight each	Order Code	List Price/1	Offer Price/1
5042	4.75	6g	-3240J	£3.74	£3.29
5053	1.6	6g	-3240S	£2.85	£2.51
5054	0.6	6g	-3240V	£2.85	£2.51
5324	0.6	6g	-3243B	£3.74	£3.29

Tips Suitable For Antex Tools

Adiron® Tips For XS and X25 Series.

Product Number	Tip Size (mm)	Weight each	Order Code	List Price/1	Offer Price/1
850	2.3	5g	-3235A	£3.08	£2.71
852	4.7	5g	-3235E	£3.08	£2.71
855	0.5	5g	-3235L	£3.08	£2.71
856	1.0	5g	-3235N	£3.08	£2.71
857	0.12	5g	-3235Q	£3.08	£2.71

Tips Suitable For Weller Tools

Adiron® Tips For P.T. Series.

Curie type No.8 (425°C)

Additional Curie types are available upon application: Curie type 6 (325°C), Curie type 7 (375°C), Curie type 9 (475°C).

Product Number	Tip Size (mm)	Weight each	Order Code	List Price/1	Offer Price/1
65DD	5.0	10g	-3223W	£4.28	£3.77

Adiron® Tips For E.T. Series.

Product Number	Tip Size (mm)	Weight each	Order Code	List Price/1	Offer Price/1
62A	1.6	7g	-3221B	£5.77	£5.08

600 Series Soldering Stations

Bench or wall mounting. Supplied with stand incorporating sponge and accessory holder.

650-PS

Basic power supply unit. 24V 50W output. Power-on indication. Can be used with any 24V soldering iron up to 50W. Soldering iron supplied separately.



Temp Range	Weight each	Order Code	List Price/1	Offer Price/1
65 - 450°C	2.20kg	-2610K	£59.11	£52.02

ST6 Bench Stand

For use with all soldering irons. Can be used positioned on benches, or permanently fixed. Manufactured from high grade phenolic.



Size (mm)	Weight each	Order Code	List Price/1	Offer Price/1
80 x 90 x 170	350g	-2700V	£7.27	£6.40

690-SD

Temperature controlled with a digital °C or °F readout. Two lockable memory settings with PIN number security. Supplied with 50W soldering iron.

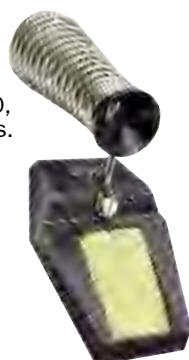


Temp Range	Weight each	Order Code	List Price/1	Offer Price/1
65 - 450°C	2.20kg	-2650P	£197.60	£173.89

Safety Stand

S1

For 'K' series soldering irons, for use with K1000, K2000 and K4000 series. Cast alloy rubber base - 125 x 76 x 25mm and spring length - 100mm. Supplied with sponge.



Funnel Bore	Weight each	Order Code	List Price/1	Offer Price/1
10mm	400g	-3200R	£18.02	£15.86

SOLDERING TOOLS

KENNEDY

Multi Angle Vice

Aluminium vice with a two position lockable ball joint, cast steel clamp and swivel mechanism. Horizontal/vertical grooved jaw is designed to hold irregular shaped objects. Removable jaw rubber covers for protecting delicate components. Will clamp to surfaces of five to 50mm thickness.

Jaw width: 74mm.

Upright: Rotates through 360° and the vice can swivel between 45° and 135°.

Right angles:

Vice can be rotated through 360°.



Jaw Capacity	Weight each	Order Code	List Price/1	Offer Price/1
60mm	930g	-2000K	£29.66	£22.54

Helping Hands

Ideal for precision soldering, wiring and model making applications. With 10 movable joints for universal adjustment. 50mm diameter x 2.5 magnification. Two spring loaded crocodile clips for holding objects up to 8mm thick. Solid cast iron base for stability.

All other metal parts are chrome plated and corrosion-resistant.



Mag.	Mirror Size	Order Code	List Price/1	Offer Price/1
2.5x	50mm Dia.	-1800K	£6.48	£4.92

MONUMENT TOOLS Woven Glass Fibre Mat

Prevents burn damage to the surrounding area when soldering. Resistant to temperatures up to 600°C, does not present any of the hazards associated with asbestos materials.



Product Number	Size (mm)	Weight each	Order Code	List Price/1	Offer Price/1
2351A	250 x 250	310g	-2351A	£3.60	£3.24
2350X	300 x 300	310g	-2350X	£12.55	£11.30

GROUP 516 SOLDERING TOOLS

KENNEDY
QUALITY TOOLING

Desoldering Tool



Anti-Static Val-U-Vac

With carbon impregnated tip and body to prevent solder adhesion and dispel static. Conforms with **CECC 15**. Removal of molten solder is achieved by the spring loaded piston creating a vacuum in the barrel of the tool. With safety shield and extraction springs located outside of the vacuum chamber and PTFE nozzle to prevent solder sticking.

Nozzle size:

3mm OD x 1.5mm, ID x 20mm.



Overall Size	Weight each	Order Code	List Price/1	Offer Price/1
190 x 20mm	40g	KEN-516 -8480K	£8.96	£6.81

Professional Desoldering Tool

DSGPRM

Anodised aluminium body and steel plunger for professional use. With extraction spring located outside of the vacuum chamber and PTFE nozzle to prevent solder sticking. With safety shield.

Nozzle size:

3mm OD x 1.5mm, ID x 20mm long.



Size (mm)	Weight each	Order Code	List Price/1	Offer Price/1
190 x 20	60g	KEN-516 -8500K	£18.72	£14.23
Spare Nozzles (Pk 5)		-8505K	£12.32	£9.36

SENATOR
QUALITY TOOLING

Desoldering Pump



Single handed use. Quickly removes molten solder from joints. Smooth action sprung loaded piston. Nozzle easily removed for cleaning. Temperature resistant, can be placed directly onto solder. Anti-static body ensures excellent component protection.



Size (W x H x D) mm	Weight each	Order Code	List Price/1	Offer Price/1
60 x 240 x 25		SEN-516 -2160K	£6.24	£4.74

FRY Powerflow Flux

HQ designed to allow strong metallurgical joints in sheet metals and plumbing. Particularly for tin, copper and lead-free soldering.



Weight each	Order Code	Offer Price/1
350g	FRY-875 -3976J	£14.52

Baker's Soldering Fluid No.3

For clean, positive joint preparation. For tinned materials and copper.



Tin Size	Order Code	Offer Price/1
125ml	FRY-875 -6014E	£6.20
250ml	-6015F	£8.40
1ltr	-6017H	£16.20
10ltr	-6020L	£93.60

Fluxite Soldering Paste

For engineering, plumbing and sheet metal soldering. Residue can be removed with warm detergent solution.



Weight each	Order Code	Offer Price/1
100g	FRY-875 -6022A	£6.32
450g	-6023P	£14.40

sif Sif Flux

For gas welding.

Sif Aluminium Flux

For gas welding of aluminium and aluminium alloys.

Sif Bronze Flux

General purpose brazing flux for silicon bronze rods.

Sif Silver Solder Flux

For silver brazing operation.



Description	Weight each	Order Code	List Price/1	Offer Price/1
Sif Aluminium	500g	SIF-885 -1000A	£20.95	£16.76
Sif Bronze	500g	-1040E	£13.25	£10.60
Silver Solder	225g	-1075T	£22.70	£18.16
Silver Solder	500g	-1080J	£38.40	£30.72

ADCOLA Fume Hood

Designed for extracting fumes from work area by passing them through a carbon sponge filter. The unit has built in lighting controlled from an individual switch. Lightweight metal construction which clamps to desired work top or table. Fully adjustable both in height and reach.

Voltage: 220/230V.
Maximum height: 530mm.
Maximum reach: 515mm.



Product Number	Weight each	Order Code	List Price/1	Offer Price/1
6190240	6.20kg	ADC-516 -3250W	£318.69	£280.45
619033	Filters (Pk 5)	-3252Y	£22.85	£20.11

Fryolux Solder Paint 40/60

Fryolux solder paint is ideally suited to tinning and sweating a variety of materials. The paint should be applied by brush or spray to clean dry surfaces which are in a cold state.



Weight each	Order Code	Offer Price/1
500g	FRY-875 -6026S	£33.46

Johnson Matthey Easy-Flo Flux

The industry standard silver brazing flux. Working range 550° - 800°C. Suitable for use with the lowest melting point silver brazing alloys. Complies with **DIN 8511 FSH-2**.



Description	Weight each	Order Code	Offer Price/1
Powder	250g	JMY-875 -6008K	£15.48
Powder	500g	-6020L	£25.02
Paste	1.00kg	-6020B	£46.30
Stainless Grade Powder	500g	-6020T	£37.68



Multicore Solder

60% tin, 40% lead. With 5 core 362 flux. Suitable for general purpose electrical work. Supplied on reels.

Melting range:
183 - 188°C.



Product Number	Diameter (mm)	Weight each	Order Code	List Price/1	Offer Price/1
			MLT-875		
WK616	1.60	500g	-8216A	£19.22	£15.76
WK618	1.20	500g	-8218B	£21.10	£17.30
WK620	0.90	500g	-8220C	£25.96	£21.29
WK622	0.70	500g	-8222D	£23.00	£18.86

Multicore Solder

Savbit

Special alloy solder. For all electrical work. Enables fine copper wires to be soldered more efficiently. Reduces tip corrosion. With five core Ersin® non-corrosive, low residue flux.

Melting range: 182 - 215°C.



Product Number	Dia. (mm)	Weight each	Order Code	List Price/1	Offer Price/1
			MLT-875		
WK518	1.2	28g	-5205E	£3.50	£2.87

Lead-free Solder

With 5 core Ersin® non-corrosive flux. Multi-purpose, non-corrosive solder ideal for electrical joints, for stainless steel, brass, copper, silver, aluminium.

Melting range:
227 - 240°C.

MX100:
cartridge (10g net).

MX200:
reel (30g net).



Product Number	Diameter (mm)	Weight each	Order Code	List Price/1	Offer Price/1
			MLT-875		
MX100	1.2	24g	-5510L	£5.90	£4.84
MX200	1.2	48g	-5520M	£5.28	£4.33



Resin Core Solder

General purpose grade (60/40) for a wide range of joint applications. Supplied in tube dispenser.



Wire Diameter	Weight each	Order Code	List Price/1	Offer Price/1
		NIM-516		
1.0mm	25g	-1010A	£1.22	£1.07



Colophony-free Solder

Fully synthetic and contains no rosin or modified rosin. It performs as a conventional solder product whilst providing a better working environment. Suitable for fast and sustained soldering on copper and brass surfaces.



Product Number	Dia (mm)	Weight each	Order Code	Offer Price/1
			GRS-875	
CM081	0.70	500g	-1310B	£22.00
CT300	1.20	500g	-1330D	£28.00

Lead-free Solder

99.3% tin and 0.7% copper. Uses the non-corrosive Ersin 362 flux giving excellent solder spread and fast wetting. Designed to be substituted for tin/lead alloys in all electronics assembly soldering operations.

Melting range: 225 - 230°C.



Product Number	Dia (mm)	Weight each	Order Code	Offer Price/1
			GRS-875	
GRS1630	1.20	500g	-1630D	£24.00
GRS1640	1.60	500g	-1640E	£20.00

Tin/Lead Solder

60% tin, 40% lead. Suitable for general purpose electrical work.

Melting range: 183 - 188°C.



Product Number	Dia (mm)	Weight each	Order Code	Offer Price/1
			GRS-875	
GRS1410	0.70	500g	-1410B	£20.00
GRS1420	1.00	500g	-1420C	£22.00
GRS1430	1.20	500g	-1430D	£20.00
GRS1450	2.00	500g	-1450F	£20.00

Johnson Matthey

Copper Alloy Solder

Silbralloy™

2% silver, 91.7% copper, 6.3% phosphorous. Melting range 644-825°C. Conforms to CP105-CP2.



Rod Diameter	Order Code	Offer Price/1
	JMY-875	
3mm	-3860W	£1.64



Powerflow Lead-free Wire Solder

Grade 99C

99% tin, <1% copper. Suitable for plumbing use on potable water systems. 3.25mm diameter.

Melting range:
227 - 240°C.



Weight each	Order Code	Offer Price/1
	FRY-875	
250g	-3978K	£16.36
500g	-3980L	£25.00

AG5 Silver Alloy Solder

95% Tin - 5% Silver. Use where lead use is prohibited such as pipe joints for potable water and/or foods, hot water pipes where temperatures are high and temperature changes can result

in sudden contraction in the solder joint. Also for the soldering of jewellery due to the alloys ability to maintain high brightness.



Rod Diameter	Order Code	Offer Price/1
	CTL-875	
1.5mm	-6035M	£347.16

Tinmans Solder

General Purpose 60% tin, 40% lead.

Melting range 183 - 188°C.

Complies to **CN29453**, **QQS571E**, **BS 219** and **DIN 1707**. 1/2lb sticks.

Blowpipe Solder 40% tin, 60% lead. Engineering grade Cp. (Pk 10).

Electrical Solder 60% tin, 40% lead. Electrical grade K. (Pk 10).



Type	Weight each	Order Code	Offer Price/1
		CTL-875	
General		-6031Y	£5.12
Blowpipe		-6040D	£15.80
Electrical		-6040K	£15.50

Silver Solder Thessco Rods

Silver-Flo 55

55% silver, 21% copper, 22% zinc and 2% tin. Melting range 630 - 660°C. General purpose solder. Complies to **BS1845/AG2**.

Average length:
600mm.



Rod Diameter	Order Code	Offer Price/1
	JMY-875	
1.5 x 1mm	-4530R	£10.50
1.5mm dia. Flux Coated	-4570W	£10.65
5 x 1mm	-4660H	£36.00

EDISON Auto Range Digital Multimeters



Within the Edison™ range of multimeters you will find direct reading multimeters and non-contact reading multimeters. Ideal for electrical troubleshooting and straightforward environmental testing in residential and commercial environments.

DAM075

The 2 in 1 digital multimeter is capable for the following tasks: electrical testing using test probes, no contact voltage detection and testing for wiring faults.

Testing temperature: -20 to 1000°C.

AC voltage: 750V.

DC voltage: 1000V.

AC/DC current: 10A.

Resistance: 40MΩ.

Capacitance: 200μF.

Relative measurement function. Diode testing facility. Clear display with LED back light and data hold function. Auto power OFF and low power indicator.

Digital display count: 3999.

Pack includes: digital multimeter, test probes, temperature sensor probe, DC1.5V x3 AAA batteries (installed), instruction manual

Dimensions

(W x D x H): 152 x 45 x 190mm.



Model Number	Weight each	Order Code	List Price/1	Offer Price/1
DAM075	416g	EDI-516	£77.27	£55.63

MET060

The 5 in 1 digital multimeter is capable of testing the following: electrical testing.

Temperature: -20 to 1000°C.

Humidity: 30 to 90%.

Sound level: 35 to 100db.

Illumination: 4000 to 40000Lux.

AC/DC voltage: 600V.

AC/DC current: 10A.

Resistance: 40MΩ.

Capacitance: 200μF.

Frequency: 1Hz to 200KHz.

Relative measurement function. Diode testing facility. Clear display with LED back light and data hold function.

Auto power OFF and low power indicator.

Digital display count: 3999.

Pack includes: environment digital multimeter, test probes, clamp-on test leads, temperature sensor probe, 9V battery (installed), instruction manual.

Dimensions

(W x D x H): 165 x 65 x 230mm.



Model Number	Weight each	Order Code	List Price/1	Offer Price/1
MET060	618g	EDI-516	£108.19	£77.90

MNT070

The 3 in 1 digital multimeter is capable of testing the following: network cable testing, line testing (RJ11), DMM testing.

AC/DC voltage: 1000V.

AC/DC current: 10A.

Resistance: 200MΩ.

Relative measurement function. Diode testing facility. Clear display with LED back light and data hold function.

Pack includes: network digital multimeter, test probes, TJ45 jack (remote), 9V battery (installed), instruction manual.

Dimensions (W x D x H): 165 x 65 x 230mm.



Model Number	Weight each	Order Code	List Price/1	Offer Price/1
MNT070	618g	EDI-516	£115.92	£83.46

DAM100

Auto Range Hi-Accuracy Digital Multimeter with USB interface, ideal for electrical troubleshooting and straightforward maintenance, initial start-up testing and R and D.

Linear frequency: 5Hz to 200KHz.

Logic frequency: 5Hz to 2MHz.

Duty cycle: 5% to 95%.

Diode testing: 0 to 2.5V.

AC/DC voltage: 1000V.

AC/DC current: 10A.

Resistance: 50MΩ.

Capacitance: 5000μF.

Relative measurement function. Clear display with LED back light and data hold function auto power 'OFF' and low power indicator.

Digital display count: 50000.

Pack includes: digital multimeter, test probes, clamp-on test leads, USB interface connection, CD rom 'PC-LINK' software (compatible with Windows 98ME, 2000, NT or XP), 6x 1.5V AAA batteries (installed), instruction manual, protective case with carry strap.

PC-LINK software features: measure graph, measure data record, simulate LCD display, analogue dial plate display, measure max/min display, sampling interval, graph export, measure data save.

Dimensions (W x D x H):

178 x 65 x 255mm.

WITH PC LINK SOFTWARE



Model Number	Weight each	Order Code	List Price/1	Offer Price/1
DAM100	1018g	EDI-516	£309.15	£222.59

DAM060

Auto Range Digital Multimeter with USB interface, ideal for electrical troubleshooting and straightforward maintenance, initial start-up testing and R and D.

Temperature testing (K Type): -5°C to 1000°C.

AC voltage: 700V.

DC voltage: 1000V.

AC/DC current: 10A.

Resistance: 60MΩ.

Capacitance: 300μF.

Frequency/duty cycle: 1Hz to 1MHz.

Diode testing and buzzer.

Relative measurement function.

Clear display with LED back light and data hold function.

Auto power 'OFF' and low power indicator. Auto/manual range.

Electronic protection system.

Digital display count: 6000.

Pack includes: digital multimeter, test probes, temperature sensor, clamp-on test lead, USB Interface, CD rom 'PC-LINK' software (compatible with Windows 2000, NT or XP), 9V battery (installed), instruction manual.

PC-LINK software features: measure graph, measure data record, simulate LCD display, analogue dial plate display, measure max/min display, sampling interval, graph export, measure data save.

Dimensions (W x D x H):

165 x 65 x 230mm.

WITH PC LINK SOFTWARE



Model Number	Weight each	Order Code	List Price/1	Offer Price/1
DAM060	182g	EDI-516	£154.57	£111.29

FLUKE

Digital Multimeters

114

Used for troubleshooting on 'go/no-go' testing. It includes a feature to prevent false readings caused by ghost voltage.

Voltage max: 600V AC/DC.

Continuity: 600Ω.

Safety rating: Cat III 600V.



Model Number	Weight each	Order Code	Offer Price/1
114	550g	-1124A	£120.00

115

Used for a wide variety of electrical and electronic testing applications. This true-rms meter provides easy one handed operation in a compact package.

Voltage max: 600V AC/DC.

Current max: 20A DC.

Capacitance max: 1000μF.

Frequency max: 50kHz.

Continuity: 600Ω.

Diode test: 2V.

Safety rating: Cat III 600V.



Model Number	Weight each	Order Code	Offer Price/1
115	550g	-1125B	£147.00

116

Compact true-rms meter for HVAC troubleshooting. It has everything needed in an HVAC meter including temperature and microamp measurements to quickly troubleshoot problems with HVAC equipment and flame sensors.

Voltage max: 600V AC/DC.

Current max: 600μA AC/DC.

Capacitance max: 500μF.

Temp. range: -40°C - 400°C.

Continuity: 600Ω.

Diode test: 2V.

Safety rating: Cat III 600V.



Model Number	Weight each	Order Code	Offer Price/1
116	550g	-1126C	£158.00

117

Ideal for demanding settings such as commercial buildings, hospitals and schools. Includes integrated non-contact voltage detection.

Voltage max: 600V AC/DC.

Current max: 20A AC.

Capacitance max: 1000μF.

Frequency max: 50kHz.

Continuity: 600Ω.

Diode Test: 2V.

Safety rating: Cat III 600V.



Model Number	Weight each	Order Code	Offer Price/1
117	550g	-1127D	£162.00

MEGGER

Digital Multimeters

Designed for electricians, but are also suitable for a wide range of applications and users.

AV0300

Voltage max: 1000V AC/DC.

Current max: 10A AC/DC.

Resistance max: 40MΩ.

Continuity. Diode.

Safety rating: Cat III 600V.

Extra large digits. Auto power off.

Low battery indicator.

Tilt stand/hanger.



Model Number	Weight each	Order Code	Offer Price/1
AV0300	375g	-1300B	£85.00

AV0310

Voltage max: 1000V AC/DC.

Current max: 10A AC/DC.

Resistance max: 40MΩ.

Continuity. Diode.

Safety rating: Cat III 600V.

Auto power off. Low battery indicator.

Tilt stand/hanger.

Max/min, backlight.



Model Number	Weight each	Order Code	Offer Price/1
AV0100	375g	-1310C	£95.00

FLUKE

Digital Multimeters

175 True RMS Multimeter

0.15% basic accuracy. 6000 count resolution. Manual and automatic ranging.

Frequency and capacitance measurements.

Resistance, continuity and diode measurements.

Min-max-average recording.

EN61010-1 Cat III 1000V/Cat IV 600V.



Product Number	Weight each	Order Code	Offer Price/1
175	420g	-1175R	£189.00

179 True RMS Voltage & Current Measurements Multimeter

0.09% basic accuracy, 6000 count resolution.

Display hold and auto hold.

Frequency and capacitance measurements.

Resistance, continuity and diode measurements.

Temperature measurements.

Min-max-average recording.

EN61010-1 Cat III 1000V/Cat IV 600V.

Measures twice as fast as other multimeters.

Accessories: 80BK temperature probe. Installed 9V battery.

Test leads. Users manual.



Product Number	Weight each	Order Code	Offer Price/1
179	420g	-1179K	£228.00

GROUP 516 MULTIMETERS

EDISON Digital Multimeter

DM383

Features include continuity, transistor hFE, reading/peak hold, fused current range, auto power off, overload indication, low battery indication, tilt stand/hanger.

Voltage max:

600V AC, 600V DC.

Current max:

10A DC.

Resistance max:

2MΩ.

Safety rating:

Cat II.

Warranty:

1 year.

Supplied with holster.



Model Number	Weight each	Order Code	Offer Price/1
DM383		EDI-516-2900K	£18.35
Replacement Probe		-9030K	£1.57

DAM668

Removable rubber holster with integral lead holders. Features include continuity, diode, transistor hFE, auto ranging, reading/peak hold, bar graph, fused current range, overload indication, low battery indicator, tilt stand/hanger.

Voltage max:

700V AC, 1000V DC.

Current max:

10A AC/DC.

Resistance max:

32.6MΩ.

Capacitance max:

32.6mF.

Frequency max:

150kHz.

Safety rating:

Cat III 600V,

Cat II 1000V.

Warranty:

1 year.



Model Number	Weight each	Order Code	Offer Price/1
DAM668		EDI-516-2700K	£62.16
Replacement Probe		-9010K	£2.19

DAM332

Pocket sized with integral lead storage. Features include continuity, diode, reading/peak hold, fused current range, auto power off, overload indication, low battery indication.

Voltage max:

600V AC, 600V DC.

Current max:

400mA AC/DC.

Resistance max:

40MΩ.

Safety rating:

Cat II.

Warranty:

1 year.

Supplied with wallet.



Model Number	Weight each	Order Code	Offer Price/1
DAM332		EDI-516-2600K	£26.61

DAM982

Features include continuity, diode, auto ranging, reading/peak hold, back light, auto power off, overload indication, low battery indicator, tilt stand/hanger.

Voltage max:

750V AC, 1000V DC.

Current max:

10A AC/DC.

Resistance max:

40MΩ.

Capacitance max:

20μF.

Frequency max:

10MHz.

Safety rating:

Cat III 600V,

Cat II 1000V.

Warranty:

1 year.



Model Number	Weight each	Order Code	Offer Price/1
DAM982		EDI-516-3400K	£70.99
Replacement Probe		-9020K	£2.30

DM664

Extra large digits, temperature probe and short lead capacitor adaptor. Features include continuity, diode, transistor hFE, auto power off, overload indication, low battery indicator, tilt stand/hanger.

Voltage max:

700V AC, 1000V DC.

Current max:

10A AC/DC.

Resistance max:

200MΩ.

Capacitance max:

2mF.

Frequency max:

20kHz.

Temp max:

-20 to 1000°C.

Safety rating:

Cat III 600V, Cat II 1000V.

Warranty:

1 year.



Model Number	Weight each	Order Code	Offer Price/1
DM664		EDI-516-3000K	£42.61
Replacement Probe		-9010K	£2.19

AMPROBE Probe Style Multimeter

For one-hand operation - DM73C

Unique pen shape for measuring in hard to get to places. Two probe tip sizes, 75 and 13mm. Data hold to freeze measurement value. Includes alligator grounding clip. 3400-count digital plus analog bargraph.

Display:

LCD, 3 -3/4-digit, 3400 Count.

Measurement ranges:

Voltage: AC 0.001V - 600V

(50Hz - 500kHz).

Voltage: DC 0.1μV - 600V.

Input impedance: 10MΩ.

Resistance: 0.1Ω - 34MΩ.

Continuity: R <35Ω.

Cat III/300V,

Cat II/600V.

Dimensions:

198 x 29 x 35mm.

Weight:

approx. 150g

(incl. battery).



Model Number	Order Code	Offer Price/1
DM73C	AMP-516-2517F	£46.00

Test Leads - TL75-1

One pair (red, black) PVC insulated test leads with WearGuard™ and comfort grip probes, 48 inches long with right-angle shrouded banana plugs.

CAT II 1000V, 10A rating: IEC

61010-031:2002 +A1:2008.

WearGuard™ exposes

contrasting colour when

leads need replacing.

One year warranty.



Product Number	Weight each	Order Code	Offer Price/1
TL75-1		FLU-516-7575E	£47.00

Vinyl Case - C50

Polymer carrying case for meters, manuals and test lead accessories.

Zip opening with belt loop.

For Fluke 20, 70 and 50

series multi-meters.



Product Number	Weight each	Order Code	Offer Price/1
C50	130g	FLU-516-2050C	£25.00

FLUKE Multimeter Accessories

Test Leads - FTL660

Set contents: industrial test probes, rectangle test leads and heavy duty alligator clips, fused test leads. Can be used with most multimeters.



Product Number	Weight each	Order Code	Offer Price/1
FTL660		FLU-516-3660D	£39.00

Electronic Test Lead Set - TL80A-1

One pair (red, black) each 1 meter long WearGuard™ test lead set, TL71-1. EN/IEC 61010-031:2002 +A1:2008.

Includes: alligator clips,

5A max. insulated

extended probe tips,

3A max. C75 soft

carrying case.

One year warranty.



Product Number	Weight each	Order Code	Offer Price/1
TL80A-1		FLU-516-7580H	£46.00

SureGrip™ Industrial Test Lead Kit - TL220-1

Handy all-in-one kit that includes:

AC220 SureGrip™

alligator clip set,

TP238 SureGrip™

insulated test

probe set,

TL222 SureGrip™

silicone test lead

set (right to right).

One year warranty.



Product Number	Weight each	Order Code	Offer Price/1
TL220-1		FLU-516-7620P	£47.00

Universal Test Leads - TL71-1

One pair (red, black) flexible and heat

resistant silicone test leads with

WearGuard™ and comfort grip probes.

48 inches long with right-angle

shrouded banana plugs.

WearGuard™ exposes

contrasting colour when

leads need replacing.

One year warranty.



Product Number	Weight each	Order Code	Offer Price/1
TL71-1		FLU-516-7571Z	£32.00



10 Function Manual Ranging Digital Multimeter

5XP-A

27 ranges/10 functions. Battery load test with 1.5V and 9V capabilities. Diode test. Non-contact voltage indicator (70V to 600V AC) operates on all ranges. Min/max records minimum and maximum values.

Display: LCD, 3-1/2-digit, 1999 Count.

Measurement ranges:

Voltage: AC 0.1mV - 750V (45 - 500Hz).

Voltage: DC 0.1 mV - 1000V.

Input impedance:

10MΩ.

Current:

AC 1μA - 200μA
(45 - 500Hz).

Current:

DC 1μA - 200μA.

Resistance:

0.1Ω - 20MΩ.

Continuity: R <75Ω.

Dimensions:

155 x 72 x 32mm.

Weight: approx. 210g
(incl. battery).



Model Number	Order Code	Offer Price/1
5XP-A	AMP-516 -1005P	£32.00

10 Function Digital Multimeter with Temperature Probe

33XR-A

Temperature, frequency and capacitance. Extended 4000 μF capacitance range for motor run/start testing. Magne-Grip™ holster with magnetic hanging strap. data hold, peak hold, min/max and REL.

Display: LCD, 3-3/4—digit, 3999 Count.

Measurement ranges:

Voltage: AC 0.1mV - 750V (45 - 500Hz).

Voltage: DC 0.1mV - 1000V.

Input impedance: 10MΩ.

Current: AC 0.1μA - 10A
(45 - 500Hz).

Current: DC 0.1μA - 10A.

Resistance: 0.1Ω - 4MΩ.

Continuity: R <35Ω.

Frequency: 10Hz - 1MHz.

Capacitance:

4μF - 4000μF.

Temperature:

-20°C - 1000°C.

Dimensions:

196 x 92 x 60mm.

Weight: approx. 400g
(incl. battery).



Model Number	Order Code	Offer Price/1
33XR-A	AMP-516 -1033W	£74.00

Case to suit Amprobe Multimeters

VC30A

Vinyl case to suit the 30 series multimeters.



Model Number	Order Code	Offer Price/1
VC30-A	AMP-516 -7000X	£12.00

Digital Multimeter with Non-contact Voltage Detector

30XR-A

The 30XR-A has all the basic functions for automotive, residential and education applications. 9 functions and 30 ranges handles most measurement needs.

Magne-Grip™ holster with magnetic hanging strap frees both hands for work. Battery/fuse door designed for easy accessibility. Battery tester.

Display: LCD, 3-1/2—digit, 1999 Count.

Measurement ranges:

Voltage: AC 0.1mV - 600V (45 - 500Hz).

Voltage: DC 0.1mV - 600V.

Input impedance:

10MΩ.

Current:

AC 0, μA - 10A
(45 - 500Hz).

Current:

DC 0.1μA - 10A.

Resistance:

0.1Ω - 20MΩ.

Continuity: R <75Ω.

Dimensions:

196 x 92 x 60mm.

Weight: approx. 426g
(incl. battery).



Model Number	Order Code	Offer Price/1
30XR-A	AMP-516 -1030P	£52.00

13 Function True RMS Digital Multimeter

37XR-A

For electronics troubleshooting The highest accuracy meter in the XR series. Autoranging 10,000 count with 0.1% accuracy for the most accurate measurements.

LCR functions: inductance, capacitance and resistance. Frequency, duty cycle and logic test. Bright blue backlight for dim environments. Magne-Grip™ holster with magnetic hanging strap.

Display: LCD, 4-digit, 9999 Count.

Measurement ranges:

Voltage: AC 0.1mV - 750V RMS.

(45Hz - 2kHz).

Voltage: DC 0.1mV - 1000V.

Input impedance: 10MΩ.

Current: AC 0.01μA - 10A RMS

(45 Hz - 2kHz).

Current: DC 0.01μA - 10A.

Resistance: 0.1Ω - 40MΩ.

Continuity: R <40Ω.

Duty cycle: 0 to 90%.

Frequency:

0.01Hz - 10MHz.

Capacitance:

0.01μF - 400μF.

Inductance:

1μH - 40H.

dBm reading:

-13 dBm to

+50dBm.

Dimensions:

196 x 92 x 60mm.

Weight: approx. 482g
(incl. battery).



Model Number	Order Code	Offer Price/1
37XR-A	AMP-516 -1037F	£107.00

Credit Card Sized Multimeter

DM78C

5 functions/16 ranges. Continuity test: buzzer alert. Auto power off saves batteries.

Data Hold. Protective case included.

Display: LCD, 3-3/4-digit, 3400 Count.

Measurement ranges:

Voltage: AC

0.001V - 600V (50 ~ 60Hz).

Voltage: DC

0.1mV - 600V.

Input impedance:

10MΩ.

Resistance: 0.1Ω

- 34MΩ.

Continuity R:

<340Ω.

Dimensions:

130 x 77 x 18mm.

Weight: approx.

110g (incl. battery and case).



Model Number	Order Code	Offer Price/1
DM78C	AMP-516 -2578M	£34.00

Digital Multimeter

15XP-B

Voltage, current and resistance measurement.

Diode and acoustic continuity test.

Logic test function (TTL).

Automatic and

manual range

selection. Integrated

measurement

memory (data hold).

Shock-proof and

impact-resistant

thanks to standard

protective holster.

Auto power-off. Non-

contact voltage

detection (NCV).

Magnetic holster

(Magne-Grip™).



Model Number	Order Code	Offer Price/1
15XP-B	AMP-516 -1015S	£48.00

CIE-group Digital Multimeter

Large easy read LCD display, continuity buzzer, test leads, 9V battery, instructions, belt clip. Features include continuity, overload indication, low battery indicator, tilt stand/hanger.

Voltage max:

600V AC, 600V DC.

Current max:

200mA DC.

Resistance max:

2MΩ.



Model Number	Weight each	Order Code	Offer Price/1
YF-602	260g	CAN-516 -3592L	£19.59

GROUP 516 MULTIMETERS

EDISON Digital Multimeters

OJM826 Open Jaw

Large digits, duty cycle function, relative measure. Features include continuity, diode, auto ranging, reading/peak hold, back light, auto power off, overload indication, low battery indicator, tilt stand/hanger.

Voltage max:

750V AC, 1000V DC.

Current max: 200A AC.

Resistance max: 40MΩ.

Capacitance max: 40μF.

Frequency max: 100kHz.

Safety rating:

Cat III 600V,

Cat II 1000V.

Warranty:

1 year.

Supplied with case.



Model Number	Order Code	Offer Price/1
OJM826	EDI-516-3500K	£88.80
Rep. Probe	-9040K	£4.79

DCM998A

Large digits, max alert, fitted ABS case. Features include continuity, reading/peak hold, back light, overload indication, low battery indicator.

Voltage max:

750V AC, 1000V DC.

Current max: 1000A AC.

Resistance max: 2000MΩ.

Jaw opening max: 55mm.

Safety rating: Cat II.

Warranty: 1 year.

Supplied with case.



Model Number	Order Code	Offer Price/1
DCM998A	EDI-516-2800K	£88.80

FLUKE

Series 370 Clamp Meters

Offers improved performance perfect for many current measurement situations. With true-RMS AC voltage and current measurements.

Voltage max: 600V AC, 600V DC. **Current max:** 600V AC, 600V DC.

Safety rating: Cat III 1000V, CAT IV 300V.

373

Jaw opening max: 32mm.

Resistance max:

0-6KΩ/6KΩ.



Model Number	Order Code	Offer Price/1
373	FLU-516-1373E	£164.00

374

Jaw opening max: 34mm.

Resistance max:

0-6KΩ/6KΩ.



Model Number	Order Code	Offer Price/1
374	FLU-516-1374F	£247.00

375

Jaw opening max: 34mm.

Resistance max:

0-6KΩ/6KΩ.



Model Number	Order Code	Offer Price/1
375	FLU-516-1375G	£296.00

Electrical Tester

TS-600

4mm detachable probes, instruction sheet, continuity beeper, rugged enough to withstand 30m (10ft) drop. Features include continuity and auto power off.

Voltage max: 600V, 600V DC.

Current max:

100A.

Resistance max: 1000Ω.

Safety rating:

Cat III.



Model Number	Order Code	Offer Price/1
TS-600	FLU-516-7050Q	£112.00



EDISON

Auto Range 1000A AC/DC Digital Clamp Meters

Edison™ multimeters are an essential and versatile piece of test equipment. They are used by qualified electricians and mechanics alike to perform various essential tests and measurements on delicate electronic systems, automotive devices, mains appliances, and installations. By operating the multi position switch they can quickly and easily set to be a voltmeter, an ammeter or an ohmmeter. Within the Edison™ range of multimeters you will find direct reading multimeters and non-contact reading multimeters.

DCM070

Ideal for electrical troubleshooting & testing in commercial environments. The AC/DC digital multimeter is capable of testing for the following: telephone networks, fuse connections.

AC voltage: 750V.

DC voltage: 1000V.

AC/DC current: 1000A

Resistance: 60MΩ.

Frequency: 100kHz.

Frequency from clamp: 400Hz.

Capacitance: 1000μF.

Diode testing facility, continuity buzzer, clear display with LED backlight & data hold function, auto power 'OFF' & low power indicator, auto range facility, 4 segments bar graph.

Digital display count: 3999.

Conforms to **IEC 1010, CAT II 1000V** and

CAT III 600V.

Pack includes: digital clamp multimeter, test probes, 3x DC1.5V AAA batteries (installed), instruction manual, protective case with carry handle,

Dimensions (W x D x H): 140 x 58 x 260mm.

Weight: 606g



DCM070 True RMS

Ideal for electrical troubleshooting & testing in commercial environments. The AC/DC digital multimeter is capable of testing for the following: telephone networks, fuse connections.

AC voltage: 750V.

DC voltage: 1000V.

AC/DC current: 1000A.

Resistance: 60MΩ.

Frequency: 100kHz.

Frequency from clamp: 400Hz.

Capacitance: 1000μF.

Diode testing facility, continuity buzzer, clear display with LED backlight & data hold function, auto power 'OFF' & low power indicator, auto range facility, 4 segments bar graph.

Digital display count: 3999.

Conforms to **IEC 1010, CAT II 1000V** and

CAT III 600V.

Pack includes: digital clamp multimeter, test probes, 3x DC1.5V AAA batteries (installed), instruction manual, protective case with carry handle.

Dimensions (W x D x H): 140 x 58 x 260mm.

Weight: 606g.



Model Number	Order Code	Offer Price/1	Offer Price/1
DCM070	EDI-516	£131.38	£94.59

Model Number	Order Code	Offer Price/1	Offer Price/1
DCM070 True RMS	EDI-516	£154.57	£111.29

AMPROBE

Digital Multimeters

ACD-10 TRMS-Plus Clamp-On Multimeter

Amprobe's ACD-10 TRMS-PLUS meter offer thinner jaws over standard clamp meters. Allowing access to tight measurement areas and still accommodating conductors up to 25mm. Also measures capacitance and frequency. Frequency is measured by either jaws or test leads.

Very versatile clamp multimeter. True RMS version for noisy measurement environments for a more accurate reading.

Voltage max: AC/DC voltage to 600V.

Current max: 600A AC.

Jaws only 10mm thick.

Resistance: 40MW.

Continuity buzzer.

Capacitance: 3000μF.

Frequency measurement.

In rush current.

Hold and maximum reading functions.

Accommodates conductors up to 26mm in diameter.

Auto ranging. Auto power off. Test leads, battery, soft carrying pouch, users manual.



AC75B

Custom designed to make HVAC, Electrical, and Ind. maintenance tasks faster and easier.

Digital thermometer 400°C, Type K probe included.

Low DC μA Amps for flame rod detector testing.

Capacitance to 4000μF for motor run/start testing.

Continuity beeper.

4000-count large digit display.

Auto power off with full overload protection.

Current max: 600A AC current.

Voltage max: AC/DC

750 V/1000V

Resistance: 40 MΩ.

Jaw opening max: 35mm

Safety: acc. EN 61010,

CAT III/600V,

CAT II/1000V.



Model Number	Order Code	Offer Price/1
ACD-10	AMP-516	£61.00

Model Number	Order Code	Offer Price/1
AC75B	AMP-516	£96.00

FLUKE

Electrical Tester

T100

Voltage test, optical and acoustical continuity test, rotary field indication, single pole test for phase detection, indication of polarity, electrical torch function.

Voltage (max): 690V AC/DC.

Continuity (max): 400kΩ.

Frequency (max): 400Hz.

Safety rating: Cat III 600V.

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GROUP 516 MULTIMETERS

EDISON Infrared Digital Thermometer with Laser Targetting

IRT537

A high resolution infrared laser thermometer suitable for a wide range of industrial applications, HVAC and automotive diagnostics. The laser targeting enables accurate readings by guiding the user to the optimum measuring distance, please see user manual for operating instructions. Ideally suited for work in confined spaces and where accuracy is required such as on bearings, circuit boards, air-con units or in engine compartments. Simply aim at the target object, pull the trigger mechanism and read the current surface temperature from the LCD display. If necessary the laser can be activated via the laser button for more accurate targeting. Temperature is displayed on backlit LCD display and features hold function for ease of use.

Measurement range: -20°C to 537°C.

Accuracy: -20°C to 50°C

±2.5°C 51°C to 537°C

±(reading x 1% 1°C)

D/S ratio: 12:1.

Emissivity: 0.95.

Celsius/Fahrenheit display selection. Back light display.

Power source: 9V battery.

Average/maximum/minimum/maximum-minimum mode selection.

Complies with:

EN61326:1997/A1:1998/A2:2001/A3:2003.

Dimensions (L x W x H): 162 x 56 x 190mm.



Model Number	Order Code	Offer Price/1	Offer Price/1
IRT537	EDI-312-4000K	£109.95	£82.46

Relative Humidity & Temperature Tester

THM150

This multimeter is ideal for temperature, humidity and dew point testing in residential and commercial environments such as offices, storeroom's, greenhouses and places where a controlled environment is essential.

Conforms with **EN61326-6: 2006** and **EN61326-2-2: 2006**.

Meter capabilities:

- Testing temperature: -10 ~ 50°C (14 to 122°F).
- Testing humidity: 0 ~ 100%RH.
- 4 digit clear LCD display with optional back light.
- Data hold function.
- Auto power 'OFF' and low power indicator.
- Battery operated - DC1.5V 3x AAA (included).



Model Number	Order Code	Offer Price/1	Offer Price/1
THM150	EDI-312-4040K	£83.32	£62.49

Airflow, Velocity & Temperature Tester

TVA150

This meter is for measuring airflow and temperature. It is ideally used to measure the air speed at ventilation outlets and to test temperatures in residential and commercial environments such as offices, storeroom's, greenhouses and places where climate conditions can be analysed. Conforms with **EN61326-6: 2006** and **EN61326-2-2: 2006**.



Meter capabilities:

- Measuring wind/airflow in: m/s, km/h, fpm, mph, kts.
- Beaufort scale.
- Temperature in both °C and °F.

Testing ranges: 0.4 ~ 20m/s, 80 ~ 4000fpm, -10 ~ 50°C (14 ~ 122°F).

- 4 digit clear LCD display with optional back light.
- Data hold function.
- Auto power 'OFF' and low power indicator.
- Battery operated - DC1.5V 3x AAA (included).



Model Number	Order Code	Offer Price/1	Offer Price/1
TVA150	EDI-312-4020K	£138.95	£104.21

Electronic Tachometer

TNC150

Precise red LED light source (laser beam) together with a reflective strip, non-contact measurements can be made safely up to 40cm (15 3/4") from the target. For measuring in rpm and rps.

Conforms with **EN61326-6: 2006** and **EN61326-2-2: 2006**.

Testing range: 100 to 3000rpm/1.7 to 500rps.

6 digit clear LCD display with optional back light.

Data hold function.

Auto power 'OFF' and low power indicator.

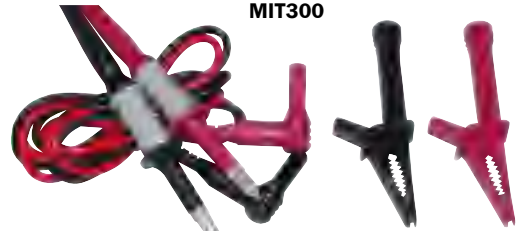
Battery operated: DC1.5V 3x AAA (included).



Model Number	Order Code	Offer Price/1	Offer Price/1
TNC150	EDI-315-4200K	£95.75	£76.60

MEGGER**Insulation Testers**

Automatic discharge of the circuit after testing, audible and visual warning if the test probes are applied to a live circuit, and a test inhibit feature which operates automatically under live circuit conditions. The units also conform fully to **IEC 61010-1** for use in **Category III 600V** applications, and provide all of the facilities needed to meet insulation testing requirements relating to the current edition of the IEE Wiring Regulations. In line with other products in the contractor range, MIT300 insulation testers feature rugged construction, with an impact-resistant rubber-overmoulded case, and innovative circuitry which guarantees high accuracy combined with stability of calibration. Both provide indication of insulation resistance up to 999M ohms, 200mA continuity testing, a fast-reacting continuity buzzer, and facilities for nulling the resistance of the test leads. The entry-level MIT300 offers insulation test voltages of 250V and 500V, the MIT310 allows testing at 250V, 500V and 1,000V. In addition to the basic features, the mid-range MIT310 adds a default voltmeter function. The MIT310, incorporates a dual solid-state displays which simultaneously show the test results numerically, and in the form of a moving-arc bar graph that accurately simulates the operation of an analogue meter. Both come complete with a full calibration certificate.

**MIT300**

Product Number	Max Voltage	Weight each	Order Code	Offer Price/1
MIT300	500V		-5000A	£295.00
MIT310	1000V		-5010B	£395.00

**Carry Strap****Carry Case****FLUKE****Insulation Resistance Testers****Fluke 1507/1503 Insulation Resistance Testers**

Save both time and money with automatic calculation of polarisation index and dielectric absorption ratio (only available on the 1507). Make repetitive tests simple and easy with the 1507's compare (pass/fail) function (only available on the 1507). Repetitive or hard-to-reach testing is easy with the remote test probe. Live circuit detection prevents insulation test if voltage > 30V is detected for added user protection. Auto-discharge of capacitive voltage for added user protection. AC/DC voltage: 0.1 V to 600V. 200mA continuity.

Features:**Insulation test range:**

1507: 0.01 MΩ to 10 GΩ

1503: 0.1 MΩ to 2000 MΩ

Insulation test voltages:

1507: 50V, 100V, 250V, 500V, 1000V

1503: 500V, 1000V

Resistance: 0.01Ω to 20.00 kΩ.

Save battery power with auto power off.

Read measurements easily with large, backlit display.

CAT IV 600V over-voltage category rating for added user protection.

Remote probe, test leads, probes and alligator clips included with each tester.

Accepts optional Fluke *TPAK magnetic hanging system to free your hands for other work.

Four AA alkaline batteries (NEDA 15 A or IEC LR6) for at least 1000 insulation tests.



Description	Order Code	Offer Price/1
1503 Insulation Tester	-1150M	£256.00
1507 Insulation Tester	-1151N	£351.00
Tpak Toolpak Kit	-8000K	£25.00

SEAWARD**Basic, Hand-held Safety Checker**

The Primetest 50 offers exceptional lightness and portability as well as a simplified range of tests. Simply choose the test you require; either earthed appliance, double insulated appliance, or mains cord testing. The simple display shows Pass or Fail. The outer casing will stand up to anything a normal working environment has to offer. A great choice for those needing a reliable, easy to use, portable safety tester.

Easy to use: Connect your test appliance, pick your test mode, push the button. The display tells whether it has passed or failed.

Hand-held - highly portable: Measuring only 26 x 10cm, the Primetest 50 fits in the palm of your hand.

Battery powered: Lighter, easy to use and more portable, you do not need a power supply nearby.

PATGuard compatible: To help make your life as a tester even easier, the Primetest 50 can be used with our industry acclaimed PATGuard Workabout software for mobile data input. Now you have the best of both worlds - easy testing and easy information management.

PAT tests: Earth continuity. Test current ±200mA DC. PASS/FAIL threshold 0.2ohms.

Insulation resistance. Test voltages 500V DC. PASS/FAIL threshold 2Mohms. IEC lead test.

Tests performed earth continuity. Insulation resistance. Live, neutral continuity and polarity.

Circuit tests: Power socket test.

Input voltage range 230V +10%, -15% AC. Indicators phase to earth voltage. Phase to neutral voltage. Neutral to earth.

Dimensions (mm)	Weight each	Order Code	Offer Price/1
26 x 10 x 5.5	800g	-5550M	£349.00



GROUP 516 STUD & VOLTAGE DETECTORS

EDISON Non-Contact AC Voltage Detector

Non-contact voltage detector without the need to disconnect the conductor/ appliance. Flashing light and audible indication of AC voltages of 100 to 240V. Quick and accurate detection of cable breaks, blown fuses and distinguish between live, neutral wires in single and three phase supplies.

Voltage sensitivity: 100 to 240V AC.
Frequency: 50/60Hz.
Over voltage category: Cat III 600V.
Detection distance: <5mm.
Operating temperature: 32 to 122°F (0 to 50°C).
Storage temperature: -4 to 140°F (-20 to 60°C).
Humidity: <85%RH.
Power: batteries x2, 1.5V (AAA). (EDI-904-3040K). (Not supplied).



Model Number	Weight each	Order Code	List Price/1	Offer Price/1
		EDI-516		
NCD332	26g	-2000K	£16.60	£11.95

CIE-group Volt Stick

Used for checking the presence of an AC voltage, locates break in cables, blown fuses and distinguishes between live and neutral wires in both single and three phase supply. Volt Stick has a sensitivity of up to 4mm distance of a 2.5mm² conductor carrying 20 - 400V. Features a detection buzzer for even greater clarification. All models are fully approved to **IEC 61010-1, CATIII 1000V AC and CE**.

Note: The Volt Stick is for use on 50Hz supply only.



Dimensions (mm)	Sound	Order Code	List Price/1	Offer Price/1
		CAN-516		
150 x 15 x 15	No	-3550E	£15.55	£14.00
145 x 18 x 20	Yes	-3548C	£16.54	£14.89

Volt Stick

PRO12

An instant tester for safely checking the presence of an AC voltage, without making any disconnections in cables, wall sockets, fuses, circuit breakers, junction boxes, etc. Indicator tip illuminates on detection of AC voltage. Features a unique 'shielded' fork tip. Cables and connections can easily be checked in low voltage equipment too.



Description	Order Code	List Price/1	Offer Price/1
	CAN-516		
PRO12 Volt Stick	-3537H	£28.67	£25.80

Magnet Stick

The lamp lights immediately where there is a magnetic field. Equipment can be tested without having to switch it off and magnetic coils can often be tested through their protective cover. Responds to all kinds of magnetic fields - from AC to permanent magnets DC.

Operating temperature: -10°C up to +50°C.

Power requirements: 2x standard AAA batteries.



Dimensions (mm)	Weight each	Order Code	List Price/1	Offer Price/1
		CAN-516		
150 x 18 x 20	60g	-3480P	£18.12	£16.31

FLUKE VoltAlert™ Volt Detector

1AC-II

When the tip glows red and the unit beeps, you know there's voltage present. Quickly tests for energised circuits in the workplace or at home.

Voltage sensing ranges: 200V AC to 1000V AC

Agency approvals: c CSA us, CE, TUV, C-Tick.

Safety rating: 1000V, Cat IV.



Model Number	Weight each	Order Code	Offer Price/1
		FLU-516	
1AC-II	117g	-1002B	£20.00

VoltAlert™ Voltage Detector

2AC

Designed to be pocket-sized and easy to use. The 2AC tests for energised circuits and defective grounds. The tip of the pocket-sized tester will glow red when within close proximity of an outlet, terminal strip, or power cord where voltage is present. Voltage detection from 200 to 1000V AC, suitable for a wide range of residential, commercial and industrial needs. Always on, using special low power circuitry to sustain battery life and ensure your 2AC is always ready. Category IV - 1000V over-voltage rated product for best in class user protection. Integrated clip design, optimised for pocket storage. Powered by 2x AAA batteries (included). Two-year warranty.



Model Number	Weight each	Order Code	List Price/1	Offer Price/1
		FLU-516		
2AC		-1290A	£17.00	£17.00

STANLEY IntelliSensor™ Pro Stud Sensor

Locates the edge of studs or joists through drywall and other common wall materials at a maximum depth of 1/2" and 1 1/2".

Automatic calibration switch. Multi-mode LED panel for depth indication. Buzzer indicates stud and joist edges. High impact ABS housing for strength and durability. Large, patented LCD screen for visual detection warning. Continuous live wire detection. Requires a 9v (not included). Automatic shut-off for longer battery life.



Model Number	Weight each	Order Code	List Price/1	Offer Price/1
		STX-585		
0-77-255	216g	-5550X	£19.31	£15.45

Pro Stud Sensor with Metal Scan

Also detects copper pipes, steel pipes and steel studs.

Model Number	Weight each	Order Code	List Price/1	Offer Price/1
		STX-585		
0-77-355	580g	-6050K	£28.98	£23.18

CIE-group Metal, Volt & Stud Detector

1979

LED and audio detection for use on metal such as iron, steel, copper and brass, and can pin-point hidden screws and nails. Detects dead or live mains cables also hidden water and gas pipes, joists, battens and wooden studs. Operates through plasterboards, plywood, wall panelling and floorboards. Self calibrating with a low battery indicator. Uses MN21/23 12V battery (not supplied).

To be used on stud walls only, not suitable for plastic pipe or foil insulated walls.



Dimensions (mm)	Weight each	Order Code	List Price/1	Offer Price/1
		CAN-516		
140 x 40 x 24	120g	-2900T	£17.49	£15.74

BOSCH Multi Material Cable Detector

GMS 120

Locates live cables, metals or wooden substructures in walls or ceilings. It is the only tool on the market that calibrates itself, therefore preventing errors caused by incorrect calibration.

Max. detection depth: ferrous metals/non-ferrous metals/live cables/wood - 120/80/50/38mm.

Auto shutdown: 5 mins.

Batteries: 1x 9V.

Dimensions (L x W x H): 200 x 85 x 32mm.



Model Number	Weight each	Order Code	List Price/1	Offer Price/1
		BCH-266		
GMS120	270g	-4242W	£152.08	£79.00

KENNEDY **Engineer's Squares**

Manufactured from hardened and tempered steel. The edges are ground parallel to give the square an exact right angle on both the inside and outside of the stock and blade.



*Supplied in robust case.

Size (mm)	Weight each	Order Code KEN-518	List Price/1	Offer Price/1
75 (3")*	140g	-4620K	£23.10	£15.02
100 (4")*	270g	-4640K	£23.10	£15.02
150 (6")*	320g	-4660K	£27.83	£18.09
225 (9")	1400g	-4680K	£60.90	£39.59
300 (12")	2000g	-4700K	£78.23	£50.85

Adjustable Steel Squares

Made from hardened steel and precision ground. Supplied with three fully adjustable blades. One plain, parallel blade for use as a conventional engineer's square, 30° and 45° bevel edged blade for checking angles, and a narrow blade graduated metric and imperial.

UKAS
Calibration
Service
Available

See Page 000



Measured Length	Weight each	Order Code KEN-518	List Price/1	Offer Price/1
100mm/4"	340g	-4150K	£40.35	£26.23
150mm/6"	410g	-4160K	£48.60	£31.59

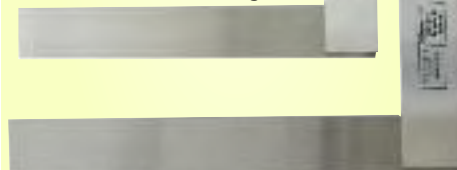
OXFORD Precision Hand Tools

Manufactured from hardened steel that has been precisely ground to produce parallel edges so that the square has an exact right angle on both the inside and outside of the stock and blade, to ensure accuracy. Conforms to BS939 Grade B.



UKAS
Calibration
Service
Available

See Page 000



Size (mm)	Weight each	Order Code OXD-340	List Price/1	Offer Price/1
75 (3")	155g	-0030K	£24.20	£15.73
100 (4")	313g	-0040K	£24.20	£15.73
150 (6")	467g	-0060K	£29.15	£18.95
225 (9")	1270g	-0090K	£63.80	£41.47
300 (12")	2.18kg	-0120K	£81.95	£53.27

Firm Joint Calipers

Manufactured from high quality steel, with a polished finish. Consisting of two legs which are held together by a large nut and screw to provide a firm friction joint. Each firm joint caliper has an adjustable ground point which can be retracted for storage and the other leg is angled at the tip. The legs can be reversed, so the tip turns inwards or outwards. Firm joint calipers are used for scribing arcs and parallel lines by using the edge of the workpiece as a guide, and are also used for measuring from the centre point of a component.



Size (mm)	Weight each	Order Code KEN-518	List Price/1	Offer Price/1
100 (4")	60g	-0530K	£9.40	£6.11
150 (6")	80g	-0540K	£12.50	£8.13

Firm Joint Calipers

Manufactured from high quality steel, with a polished finish. Consisting of two legs which are held together by a large nut and screw to provide a firm friction joint. This firm joint caliper has an adjustable ground point which can be retracted for storage and the other leg is angled at the tip. The legs can be reversed, so the tip turns inwards or outwards. Firm joint calipers are used for scribing arcs and parallel lines by using the edge of the workpiece as a guide, and are also used for measuring from the centre point of a component.



Size (mm)	Weight each	Order Code KEN-518	List Price/1	Offer Price/1
130 (5")	55g	-0550K	£10.50	£6.83

Spring Divider & Caliper Set

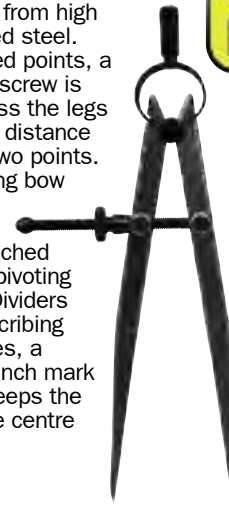
Contents:
6" spring divider, 6" internal caliper and 6" external caliper.

3
PIECES

Number of Pieces	Weight each	Order Code KEN-518	List Price/1	Offer Price/1
3	350g	-0580K	£43.20	£25.92

Spring Dividers

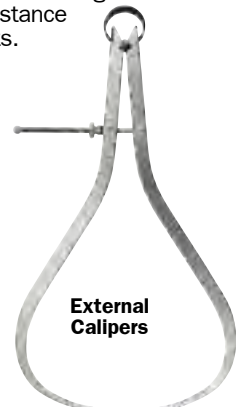
Manufactured from high quality polished steel. Ground finished points, a fine adjusting screw is mounted across the legs for setting the distance between the two points. A circular spring bow joins the legs, with a knurled extension attached for use when pivoting the dividers. Dividers are used for scribing arcs and circles, a light centre punch mark on the work keeps the pivot leg in the centre while marking.



Capacity (mm)	Weight each	Order Code KEN-518	List Price/1	Offer Price/1
75 (3")	50g	-0030K	£14.50	£9.43
100 (4")	60g	-0040K	£14.50	£9.43
150 (6")	95g	-0060K	£16.00	£10.40
200 (8")	115g	-0080K	£23.00	£14.95
250 (10")	180g	-0100K	£25.00	£16.25
300 (12")	200g	-0120K	£28.50	£18.53

Internal & External Spring Calipers

Manufactured from high quality polished steel with ground finished points. A circular spring bow joins the legs and a fine adjusting screw is mounted across the legs and is used for setting the distance between the two points.



Capacity (mm)	Weight each	Order Code KEN-518	List Price/1	Offer Price/1
Internal Calipers				
75 (3")	50g	-0230K	£14.50	£9.43
100 (4")	50g	-0240K	£14.50	£9.43
150 (6")	90g	-0260K	£16.00	£10.40
200 (8")	110g	-0280K	£23.00	£14.95
255 (10")	170g	-0300K	£25.00	£16.25
305 (12")	195g	-0320K	£28.50	£18.53
External Calipers				
75 (3")	50g	-0430K	£14.50	£9.43
100 (4")	50g	-0440K	£14.50	£9.43
150 (6")	120g	-0460K	£16.00	£10.40
200 (8")	120g	-0480K	£23.00	£14.95
255 (10")	190g	-0500K	£25.00	£16.25
305 (12")	225g	-0520K	£28.50	£18.53

MOORE & WRIGHT Engineer's Straight Edges

Type 310
Conforms to BS 5204 - B

Finish ground on both sides and edges marked at supporting points on the 36" size and longer. Product number suffixed 'B' indicates one edge has a 30° bevel.



Product Number	Size	Weight each	Order Code M&W-553	List Price/1	Offer Price/1
310	12"	0.50kg	-1224N	£119.50	£89.63
	24"	1.55kg	-1225P	£227.00	£170.25
	36"	6.55kg	-1226Q	£376.00	£282.00

CONTRACT PRICES AVAILABLE FOR VOLUME PURCHASES

All Prices Exclude V.A.T. © 2012

KENNEDY
QUALITY TOOLING

**Engineer's Rule
Round End - Pocket Type**



Spring tempered stainless steel blades. 13mm blade width with pocket clip/depth gauge slide. Reverse side is marked with 1/64" to mm conversion table. 12mm blade width. Can also be used as a depth gauge.



EEC Class 1

**Anti Glare
Satin Chrome
Rustless**

Scale Type	Length	Order Code	List Price/1	Offer Price/1
Metric & Inch	150mm/6"	KEN-518	£3.59	£2.33

SENATOR
QUALITY TOOLING

**Engineer's Rule
Round End - Pocket Type**



Spring tempered stainless steel blades. 12mm blade width with pocket clip/depth gauge slide. Reverse side is marked with 1/64" to mm conversion table.



**Stainless Steel
Rustless**

Scale Type	Length	Order Code	List Price/1	Offer Price/1
Metric & Inch	150mm/6"	SEN-518	£3.27	£2.29

KENNEDY
QUALITY TOOLING

**Engineer's
Steel Rules**

Finest quality spring tempered stainless steel. Satin chrome. Anti-glare finish with permanent black figures and graduations. Extremely easy to read. Accuracy: $\pm 0.2\text{mm}$ full scale. Constant at 20°C. Rustless.

Round End



Round End - Flexible Blade

Spring tempered flexible steel blades. 12mm blade width. With hanging hole.

**Anti Glare
Satin Chrome
Rustless**

Scale Type	Length	Order Code	List Price/1	Offer Price/1
Metric	150mm/6"	-3010K	£4.94	£3.21
& Inch	300mm/12"	-3210K	£12.38	£8.05
Metric	150mm	-3030K	£4.94	£3.21
only	300mm	-3230K	£12.38	£8.05

Flexible Blade - Metric - subdivided to 0.5mm and 1mm, figured every 10mm.



Flexible Blade - Inch - subdivided to 1/16", 1/32" and 1/64", figured every inch.

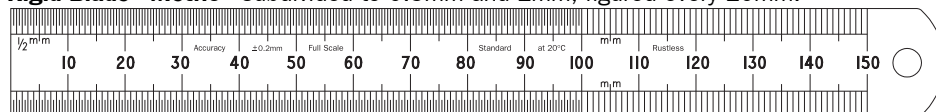


Round End - Rigid Blade

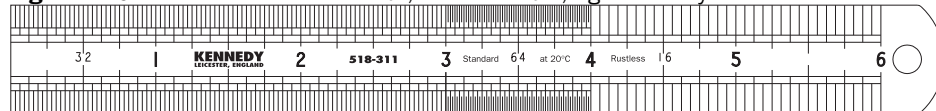
Spring tempered rigid steel blades. 150mm/6" = 19mm blade width. Other lengths = 25mm blade width. With hanging hole.

Scale Type	Length	Order Code	List Price/1	Offer Price/1
	150mm/6"	-3110K	£7.36	£4.78
Metric	300mm/12"	-3310K	£12.38	£8.05
& Inch	600mm/24"	-3710K	£24.15	£15.70
	1000mm/39"	-3910K	£70.10	£45.57
	150mm	-3130K	£7.21	£4.69
Metric	300mm	-3330K	£12.83	£8.34
only	600mm	-3730K	£16.92	£11.00
	1000mm	-3930K	£67.40	£43.81

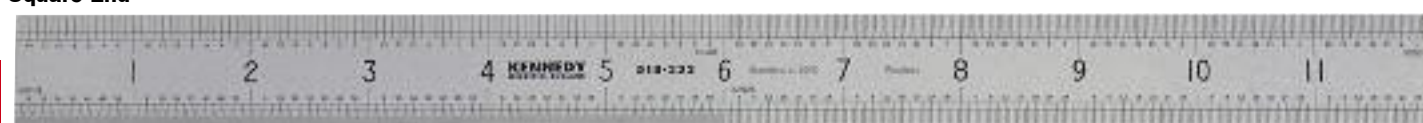
Rigid Blade - Metric - subdivided to 0.5mm and 1mm, figured every 10mm.



Rigid Blade - Inch - subdivided to 1/16", 1/32" and 1/64", figured every inch.



Square End



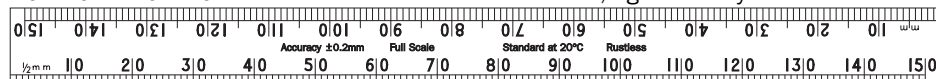
Square End - Flexible Blade

Spring tempered flexible steel blades. 12mm blade width.

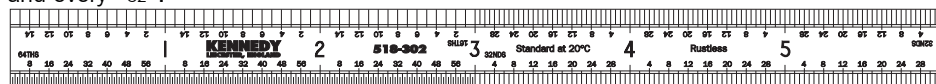
**Anti Glare
Satin Chrome
Rustless**

Scale Type	Length	Order Code	List Price/1	Offer Price/1
Metric & Inch	150mm/6"	-3020K	£4.94	£3.21

Flexible Blade - Metric - subdivided to 0.5mm and 1mm, figured every 10mm.



Flexible Blade - Inch - subdivided to 1/16", 1/32" and 1/64", figured every inch, every 8/64", and every 4/32".

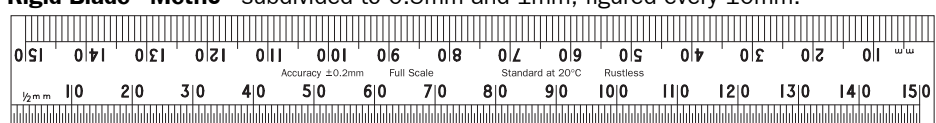


Square End - Rigid Blade

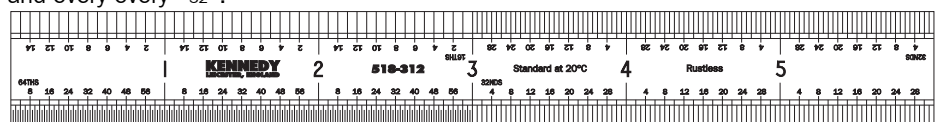
Spring tempered rigid steel blades. 150mm/6" = 19mm blade width. 300mm/12" = 25mm blade width.

Scale Type	Length	Order Code	List Price/1	Offer Price/1
Metric	150mm/6"	-3120K	£7.36	£4.78
& Inch	300mm/12"	-3320K	£12.38	£8.05

Rigid Blade - Metric - subdivided to 0.5mm and 1mm, figured every 10mm.



Rigid Blade - Inch - subdivided to 1/16", 1/32" and 1/64", figured every inch, every 8/64", and every 4/32".



STANLEY**Engineer's Rules**

All rustless rules up to and including 600mm/24" have an anti-glare, easy to read finish with permanent black figures and graduations. Rustless rules over 600mm/24" are standard rustless steel. Metric graduations conform to **BS 4372 : 1968**.

**Pattern 64FR**

Round end - flexible blade. 2 sides - 4 edges.

Metric - subdivided to mm, 0.5mm, figured every 10mm.

Inch - subdivided to inches, $\frac{1}{16}$ ", $\frac{1}{32}$ ", $\frac{1}{64}$ ", $\frac{1}{10}$ ", $\frac{1}{20}$ ", $\frac{1}{50}$ ", $\frac{1}{100}$ ".

Product Number	Length	Weight each	Order Code STN-585	List Price/1	Offer Price/1
0-35-432	150mm/6"	20g	-4692E	£7.36	£5.37

Pattern 64R

Round end - rigid blade. 2 sides - 4 edges.

Metric - subdivided to mm, 0.5mm, figured every 10mm.

Inch - subdivided to inches, $\frac{1}{16}$ ", $\frac{1}{32}$ ", $\frac{1}{64}$ ", $\frac{1}{10}$ ", $\frac{1}{20}$ ", $\frac{1}{50}$ ", $\frac{1}{100}$ ".

Product Number	Length	Weight each	Order Code STN-585	List Price/1	Offer Price/1
0-35-400	150mm/6"	20g	-4640A	£7.36	£5.37
0-35-401	300mm/12"	75g	-4641C	£12.38	£9.04

Brass Counter Measure

Manufactured from hard rolled brass with deep etched black figures and graduations. Countersunk fixing holes.

1-35-441 Metric - subdivided to mm, figured cm one edge.
Inch - subdivided to $\frac{1}{8}$ ", figured 1", 1ft and 1yd.



Product Number	Length	Weight each	Order Code STN-585	List Price/1	Offer Price/1
1-35-441	1m/3ft	185g	-4741M	£36.71	£26.80

Folding Steel Rule**Pattern 57**

Manufactured from rustless steel.

Metric graduations conform to **BS4372: 1968**.

Metric - subdivided to mm, figured cm one side.

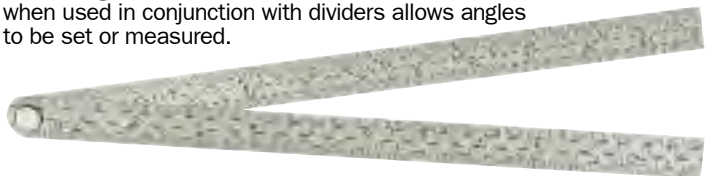
Inch - subdivided to $\frac{1}{16}$ ", figured 1" other side.



Product Number	Length	Weight each	Order Code STN-585	List Price/1	Offer Price/1
1-35-331	600mm/24"	95g	-4631K	£29.94	£21.86

Line of Chords & Circumference

Made from hardened steel, polished and ground finish, precision etched for accurate measurement. Can be used to measure diameters up to 600mm (24") and the equivalent circumference can be read directly from the rule, totally eliminating the need for calculating the circumference. The line of chords scale on the rule, when used in conjunction with dividers allows angles to be set or measured.



Product Number	Length	Weight each	Order Code STN-585	List Price/1	Offer Price/1
1-35-333	600mm	95g	-4633P	£33.81	£24.68

SENATOR
QUALITY TOOLING**Carpenter's Rules**

Extremely lightweight extrusion made from anodised aluminium, hardened and lacquered. Graduated mm/ $\frac{1}{8}$ ". Supplied in clear plastic wallets.



Measured Length	Weight each	Order Code SEN-518	List Price/1	Offer Price/1
150mm/6"	33g	-3600K	£3.17	£2.22
300mm/12"	62g	-3620K	£5.00	£3.50
600mm/24"	124g	-3640K	£6.84	£4.79
1000mm/39"	191g	-3660K	£10.15	£7.11

KENNEDY
QUALITY TOOLING**Tapered Gauges**

These are called taper gauges only because of their shape - they do not measure tapers. They are ideally suited for the rapid accurate checking of the inside diameters of tubing, slot widths, hole sizes, setting calipers etc. Manufactured from spring tempered steel. 0.1mm increments. Rustless. Constant at 20°C. Satin chrome anti glare finish. Permanent black figures and graduations.



Range (mm)	Weight each	Order Code KEN-518	List Price/1	Offer Price/1
1 - 15	18g	-1320K	£12.95	£8.42
15 - 30	36g	-1340K	£13.28	£8.63

Tweezers

For workshop and home use. Cross pattern types are self closing and open only under applied pressure. High quality finish supplied singly or as a six piece set.

**Sharp Nose****Flat Blade****Needle Nose****Sharp Nose Cross Pattern****Flat Blade Cross Pattern****Bent Nose**

Type	Length (mm)	Weight each	Order Code KEN-518	List Price/1	Offer Price/1
Sharp Nose	115	20g	-5100K	£3.78	£2.46
Needle Nose	115	20g	-5120K	£6.26	£4.07
Flat Blade Cross	170	30g	-5140K	£6.98	£4.54
Bent Nose	145	30g	-5160K	£5.96	£3.87
Flat Blade	120	20g	-5180K	£4.77	£3.10
Sharp Nose Cross Pattern	115	20g	-5200K	£4.54	£2.95
Set of 6 (1 of each above)	134g		-5250K	£27.68	£16.61

CONTRACT PRICES AVAILABLE FOR VOLUME PURCHASES

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