

KENNEDY
QUALITY INDUSTRIAL TOOLING**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
BS075	100g	KEN-516 -9100K

**Butane Soldering
Iron Tips**

Interchangeable tips for use with Kennedy butane soldering tools.



2.4 to 4.8mm Double Flat Tip Hot Air Blower Tip Hot Knife Tip Flame Tip

To Suit BS075 Soldering Iron

Type	Size (mm)	Order Code
Double Flat Tip	2.4	KEN-516 -9140K
	3.2	-9150K
	4.8	-9160K
Hot Air Tip		-9170K
Flame Tip		-9180K
Hot Knife Tip		-9190K

Butane Soldering Tool Kit

Supplied in a robust plastic case.

Contents: BS075 butane soldering iron, tip cleaning sponge, tray and stand. Five interchangeable tips: 2.4 & 4.8mm double flat, flame, hot air blower and hot air deflector.

**7
PIECES**



Product Number	Weight each	Order Code
75BW	280g	KEN-516 -9120K

**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.



Power rating:	30W - 80W
Soldering temperature	1300°C
Run time	45 minutes
Overall length with cap:	235mm
Overall length with soldering tip:	230mm.

Weight each	Order Code
105g	SEN-516 -2020K

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.



Weight each	Order Code
467g	SEN-516 -2040K

Spares for 4-In-1 Torch Kit

Type	Order Code
Flame Tip	SEN-516 -2060K
Needle Soldering Tip	-2080K
2.4mm Soldering Tip	-2100K
Hot Blower Tip	-2120K
Hot Knife Tip	-2140K
Interchangeable Tip Holder	-2200K


KENNEDY 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
BS125	145g	KEN-516 -9300K

Butane Soldering Iron Tips

Interchangeable tips for use with Kennedy butane soldering tools.


To Suit BS125 Soldering Iron

Type	Size (mm)	Order Code
Single Flat Tip	2.4	-9340K
	1.0	-9350K
	2.4	-9360K
	3.2	-9370K
Double Flat Tip	4.8	-9380K
		-9390K
Hot Air Blower Tip		-9400K
Hot Air Deflector		-9410K
Hot Knife Tip		

Butane Soldering Tool Kit
BSK125

Butane soldering iron complete with 5 tip attachments, cleaning sponge and safety stand.

Kit contents: 1x butane soldering iron. 5x tip attachments: 2.4mm and 4.8mm double flat, hot knife, hot air blower and hot air deflector. 1x cleaning sponge, 1x safety stand.

**8
PIECES**


Weight each	Order Code
460g	KEN-516 -9320K

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 3 amp 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
15W	3.0 Straight	Fine	216mm	270g	-2150K
25W	3.0 Straight	General	216mm	270g	-2250K
40W	3.0 Offset	Medium	235mm	285g	-2400K
75W	6.0 Offset	Heavy	275mm	330g	-2750K

Replacement Tips - Double Flat


Tip Style	Tip Size	To Suit Iron	Weight per 10	Order Code
Flat	3.0mm	15W, 25W	-	-3210K
Flat	3.0mm	40W	-	-3220K
Flat	6.0mm	75W	460g	-3230K
45° Offset	6.0mm	75W	460g	-3270K
45° Offset	6.0mm	40W	-	-3260K

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SENATOR Soldering
QUALITY TOOLING Irons

Supplied with a double flat nickel plated tip, 1.2m power lead and 3 amp three pin plug. Manufactured to **BS EN 60335-2-45**.



Wattage	Tip Style	Voltage	Order Code SEN-516
25W	Fine Point	230V	-2210K
40W	6mm Offset	230V	-2240K

KENNEDY Multi
QUALITY INDUSTRIAL TOOLING 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 5 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 KEN-516
60mm	930g	-2000K

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 KEN-516
2.5x	50mm Dia.	-1800K

KENNEDY Desoldering
QUALITY INDUSTRIAL TOOLING 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 KEN-516
190 x 20mm	40g	-8480K

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 KEN-516
190 x 20	60g	-8500K
Spare Nozzles (Pk 5)		-8505K

SENATOR Desoldering Pump
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 SEN-516
60 x 240 x 25	50g	-2160K



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
DAM075	416g	EDI-516 -3100K

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
MET060	618g	EDI-516 -3460K

MNT070

The 3 in 1 digital multimeter is capable of testing the following: network cable testing, line testing (RJ11), DMM testing.

AC/DC voltage: 700/1000V.

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
MNT070	618g	EDI-516 -3600K

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
DAM100	1018g	EDI-516 -3420K

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
DAM060	182g	EDI-516 -3440K

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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: 2M Ω .

Safety rating: Cat II.

Warranty: 1 year.

Supplied with holster.



Model Number	Order Code
DM383	EDI-516-2900K
Replacement Probe	-9030K

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: 40M Ω .

Safety rating: Cat II.

Warranty: 1 year.

Supplied with wallet.



Model Number	Order Code
DAM332	EDI-516-2600K

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: 200M Ω .

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	Order Code
DM664	EDI-516-3000K
Replacement Probe	-9010K

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: 32.6M Ω .

Capacitance max: 32.6mF.

Frequency max: 150kHz.

Safety rating:

Cat III 600V,

Cat II 1000V.

Warranty: 1 year.



Model Number	Order Code
DAM668	EDI-516-2700K
Replacement Probe	-9010K

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: 40M Ω .

Capacitance max: 20 μ F.

Frequency max: 10MHz.

Safety rating:

Cat III 600V,

Cat II 1000V.

Warranty: 1 year.



Model Number	Order Code
DAM982	EDI-516-3400K
Replacement Probe	-9010K



EDISON Universal Multimeter Test Leads

One pair (red, black) test leads with right handed shrouded banana plug connectors.
CAT11 1000V 10A. Non fused.

Suitable for use with any 4mm multimeter/instrument for general purpose measurements.

Product Number	ETL901	ETL903
Probe Length (on both) Red/Black	145mm	120mm
Lead Lengths Pair - Red/Black	800mm	650mm
Connectors	Right Angled Shrouded Banana Lug	Right Angled Shrouded Banana Short 15mm Lug
End Cap Protectors	Plastic	Plastic
Rating	CAT11 1000V 10A	CAT11 1000V 10A
Fuse	No	No

Order Code **EDI-516-9010K** **EDI-516-9030K**

Edison Multimeter Compatibility

Order Codes	DM664/DAM668/DAM982	DM383
	EDI-516-3000K/ EDI-516-2700K EDI-516-3400K	EDI-516-2900K



Product Number	Order Code
ETL901	EDI-516-9010K
ETL903	EDI-516-9030K

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.

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
DCM070	EDI-516-3800K



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.

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
DCM070 True RMS	EDI-516-3840K



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
OJM826	EDI-516-3500K

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Infrared Digital Thermometer with Laser Targetting

IRT537

Measurement range: -20°C to 537°C.

Accuracy: -20°C to 50°C $\pm 2.5^\circ\text{C}$ 51°C to 537°C $\pm (\text{reading} \times 1\% + 1^\circ\text{C})$

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
IRT537	EDI-312 -4000K

Relative Humidity & Temperature Tester

THM150

For temperature, humidity and dew point testing in residential and commercial environments.

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
THM150	EDI-312 -4040K

Airflow, Velocity & Temperature Tester

TVA150

This meter is for measuring airflow and temperature. 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
TVA150	EDI-312 -4020K

Electronic Tachometer

TNC150

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 30000rpm/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
TNC150	EDI-315 -4200K

EET01 Electrical Tester with LCD

High voltage indication.

Voltage Range: 12~690V AC/DC

Response Time: <0.5s at 100% of each nominal voltage

Accuracy (23±5°C):

±(3%+3) or 5V

Response Time: <2s at

90% of each voltage

Peak Current: <3.5mA (at 690V)

Continuity test:

Detection Range:

0~1MΩ

Test Current: Approx.

1.5μA (battery 3V, 0Ω)

Standard Category:

IEC 61010-1

GS: CAT III 690V

ETL:CAT IV 600V

Pollution Degree: 2

IP code: IP64



Model Number	Order Code
EET01	EDI-516 -4700K

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
NCD332	26g	EDI-516 -2000K



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.

Squareness Tolerance:

75mm, 100mm and 150mm = $\pm 0.030\text{mm}$
 225mm and 300mm = $\pm 0.040\text{mm}$

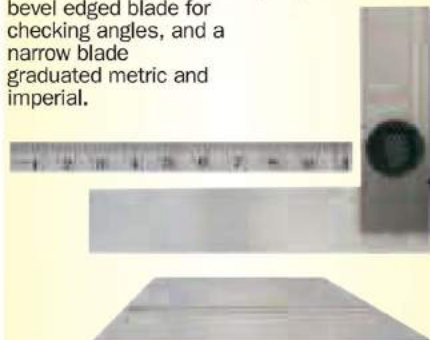


***Supplied in robust case.**

Size (mm)	Weight each	Order Code KEN-518
75 (3")*	140g	-4620K
100 (4")*	270g	-4640K
150 (6")*	320g	-4660K
225 (9")	1400g	-4680K
300 (12")	2000g	-4700K

Adjustable Steel Squares

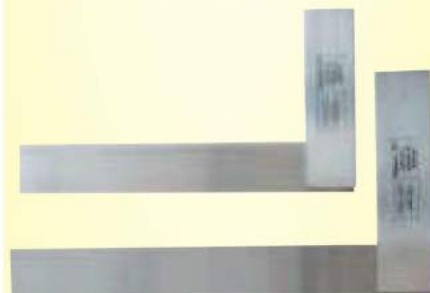
Made from hardened steel and precision ground. Supplied with three fully adjustable blades. One plain, parallel blade for use as a conventional engineer's square, 30° and 45° bevel edged blade for checking angles, and a narrow blade graduated metric and imperial.



Measured Length	Weight each	Order Code KEN-518
100mm/4"	340g	-4150K
150mm/6"	410g	-4160K



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**.



Size (mm)	tol. (mm)	Order Code OXD-340
75 (3")		-0030K
100 (4")	± 0.016	-0040K
150 (6")		-0060K
225 (9")		-0090K
300 (12")	± 0.024	-0120K


Spring Dividers

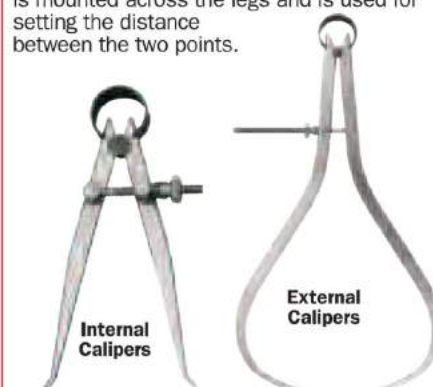
Manufactured from high quality polished steel. Ground finished points, a fine adjusting screw is mounted across the legs for setting the distance between the two points. A circular spring bow joins the legs, with a knurled extension attached for use when pivoting the dividers. Dividers are used for scribing 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
75 (3")	50g	-0030K
100 (4")	60g	-0040K
150 (6")	95g	-0060K
200 (8")	115g	-0080K
250 (10")	180g	-0100K
300 (12")	200g	-0120K

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
Internal Calipers		
75 (3")	50g	-0230K
100 (4")	50g	-0240K
150 (6")	90g	-0260K
200 (8")	110g	-0280K
255 (10")	170g	-0300K
305 (12")	195g	-0320K
External Calipers		
75 (3")	50g	-0430K
100 (4")	50g	-0440K
150 (6")	120g	-0460K
200 (8")	120g	-0480K
255 (10")	190g	-0500K
305 (12")	225g	-0520K

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.



Adjustable Point

Size (mm)	Weight each	Order Code KEN-518
100 (4")	60g	-0530K
150 (6")	80g	-0540K

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.



Adjustable Point & Spur

Size (mm)	Weight each	Order Code KEN-518
130 (5")	55g	-0550K

Spring Divider & Caliper Set
Contents:

6" spring divider, 6" internal caliper and 6" external caliper.

**3
PIECES**

Weight each	Order Code KEN-518
350g	-0580K



KENNEDY
QUALITY INDUSTRIAL 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 $\frac{1}{64}$ " to mm conversion table. 12mm blade width. Can also be used as a depth gauge.

**Anti Glare**
Satin Chrome
Rustless

Scale Type	Length	Order Code
Metric & Inch	150mm/6"	KEN-518 -3510K

SENATOR
QUALITY TOOLING**Engineer's Rule**
Round End - Pocket Type

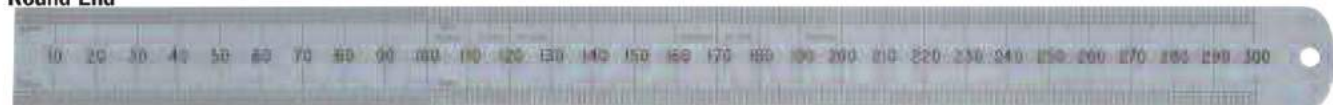
Spring tempered stainless steel blades. 12mm blade width with pocket clip/depth gauge slide. Reverse side is marked with $\frac{1}{64}$ " to mm conversion table.

**Stainless Steel**
Rustless

Scale Type	Length	Order Code
Metric & Inch	150mm/6"	SEN-518 -3500K

KENNEDY
QUALITY INDUSTRIAL TOOLING**Engineer's**
Steel Rules**EEC** CLASS I
ACCURACY

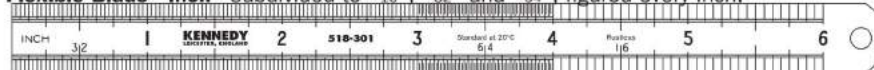
Finest quality spring tempered stainless steel. Satin chrome. Anti-glare finish with permanent black figures and graduations. Extremely easy to read. Accuracy: ± 0.2 mm full scale. Constant at 20°C. Rustless.

Round End**Round End - Flexible Blade**

Spring tempered flexible steel blades. 12mm blade width. With hanging hole.

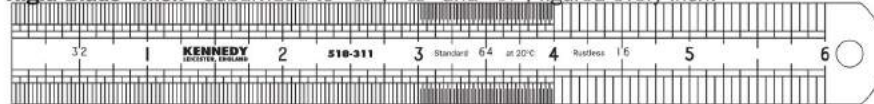
Anti Glare
Satin Chrome
Rustless

Scale Type	Length	Order Code
Metric	150mm/6"	-3010K
Metric & Inch	300mm/12"	-3210K
Metric only	150mm	-3030K
	300mm	-3230K

Flexible Blade - Metric - subdivided to 0.5mm and 1mm, figured every 10mm.**Flexible Blade - Inch** - subdivided to $\frac{1}{16}$ ", $\frac{1}{32}$ " and $\frac{1}{64}$ ", 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.

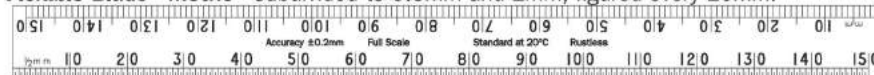
Scale Type	Length	Order Code
Metric	150mm/6"	-3110K
Metric & Inch	300mm/12"	-3310K
	600mm/24"	-3710K
	1000mm/39"	-3910K
Metric only	150mm	-3130K
	300mm	-3330K
	600mm	-3730K
	1000mm	-3930K

Rigid Blade - Metric - subdivided to 0.5mm and 1mm, figured every 10mm.**Rigid Blade - Inch** - subdivided to $\frac{1}{16}$ ", $\frac{1}{32}$ " and $\frac{1}{64}$ ", figured every inch.**Square End****Square End - Flexible Blade**

Spring tempered flexible steel blades. 12mm blade width.

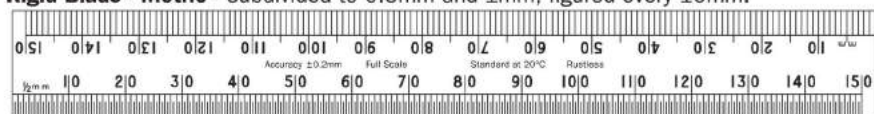
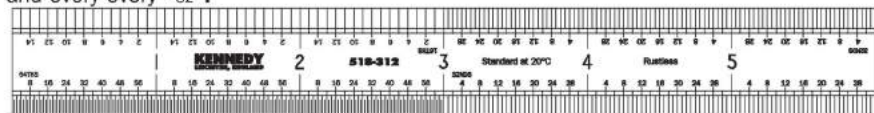
Anti Glare
Satin Chrome
Rustless

Scale Type	Length	Order Code
Metric & Inch	150mm/6"	KEN-518 -3020K

Flexible Blade - Metric - subdivided to 0.5mm and 1mm, figured every 10mm.**Flexible Blade - Inch** - subdivided to $\frac{1}{16}$ ", $\frac{1}{32}$ " and $\frac{1}{64}$ ", figured every inch, every $\frac{8}{64}$ ", and every $\frac{4}{32}$ ".**Square End - Rigid Blade**

Spring tempered rigid steel blades. 150mm/6" = 19mm blade width. 300mm/12" = 25mm blade width.

Scale Type	Length	Order Code
Metric	150mm/6"	KEN-518 -3120K
Metric & Inch	300mm/12"	-3320K

Rigid Blade - Metric - subdivided to 0.5mm and 1mm, figured every 10mm.**Rigid Blade - Inch** - subdivided to $\frac{1}{16}$ ", $\frac{1}{32}$ " and $\frac{1}{64}$ ", figured every inch, every $\frac{8}{64}$ ", and every $\frac{4}{32}$ ".



KENNEDY
QUALITY INDUSTRIAL TOOLING

Brass Counter Measure

A robust measuring tool manufactured from hard rolled brass with permanent black figures and graduations. Flexible and rustless, it has a 19mm wide blade and countersunk fixing holes.



Length

1m/36"

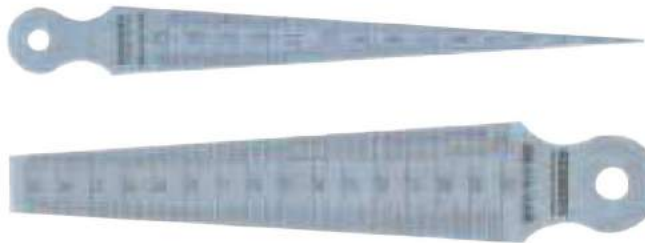
Order Code

KEN-518

-4540K

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
1 - 15	18g	-1320K
15 - 30	36g	-1340K

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



Needle Nose



Flat Blade Cross Pattern



Bent Nose



Flat Blade



Sharp Nose Cross Pattern



Type	Length (mm)	Weight each	Order Code KEN-518
Sharp Nose	115	20g	-5100K
Needle Nose	115	20g	-5120K
Flat Blade Cross	170	30g	-5140K
Bent Nose	145	30g	-5160K
Flat Blade	120	20g	-5180K
Sharp Nose Cross	115	20g	-5200K
Set of 6 (1 of each above)		134g	-5250K

Folding Steel Rule

This folding steel rule is manufactured from spring tempered stainless steel with a polished finish and it is both flexible and rustless. A strong, solid performer for the engineer. Subdivided to mm, figured cm one side.

Inch - subdivided to $\frac{1}{16}$ ", figured 1" other side.



Length

600mm/24"

Order Code

KEN-518

-2950K

Line of Chords Rule

This precision tool has a line of chords scale for use in measuring angles and in determining the circumference of a circle from a diameter measurement. The rule is flexible and rustless with deep etched figures filled with black ink.



Length

600mm/24"

Order Code

KEN-518

-2980K

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
150mm/6"	33g	-3600K
300mm/12"	62g	-3620K
600mm/24"	124g	-3640K
1000mm/39"	191g	-3660K

PRODUCTS ARE ONLY AVAILABLE VIA YOUR DISTRIBUTOR

KENNEDY
 QUALITY INDUSTRIAL TOOLS

Depth & Angle Gauges

Plain Type Depth Gauge

Designed for measuring flat based recesses. Consisting of a precision ground steel rule and body which are positioned at 90° to each other. The body has precision ground locating faces, with a knurled adjusting/securing nut.

Rule Length:
150mm (6")



Protractor Type Depth & Angle Gauge

Ground steel with graduations from 0° - 180° in both directions. When rule is positioned to 90° it then provides accurate measurements of depth.

Rule Length:
150mm (6")



Type	Order Code KEN-518
Plain	-3400K
Protractor	-3450K

Feeler Stock Strip

Inch sizes are 12" long, 1/2" wide. Millimetre sizes are furnished in 300mm lengths, 12.7mm wide. Rounded ends. Each piece marked with thickness and with convenient 3/16" (5mm) hole for hanging.



Thickness (mm)	Weight per 10	Order Code KEN-519
12.7mm x 300mm		
0.03	15g	-1030K
0.04	15g	-1040K
0.05	15g	-1050K
0.06	20g	-1060K
0.08	25g	-1080K
0.10	30g	-1100K
0.15	45g	-1150K
0.20	60g	-1200K
0.25	75g	-1250K
0.30	80g	-1300K
0.40	120g	-1400K
0.50	150g	-1500K
1/2" x 12"		
0.0010"	60g	-0020K
0.0015"	20g	-0030K
0.0020"	20g	-0040K
0.0025"	20g	-0050K
0.0030"	30g	-0060K
0.0040"	40g	-0080K
0.0050"	40g	-0100K
0.0060"	40g	-0120K
0.0070"	60g	-0140K
0.0080"	70g	-0160K
0.0090"	70g	-0180K
0.0100"	80g	-0200K
0.0120"	90g	-0240K
0.0150"	110g	-0300K
0.0200"	150g	-0400K
0.0250"	200g	-0500K

Radius Gauges

Manufactured from hardened and polished steel. Enclosed in a steel case.

Size range:

- 34 Blade Metric: 1.0 to 3.0 x .25 and 3.5 to 7.0 x .5
 32 Blade Metric: 7.5 to 15.0 x .5
 32 Blade Inch: 17/64" to 1/2" x 1/64"
 30 Blade Metric: 15.5 to 20.0 x .5 and 21.0 to 25.0 x 1
 30 Blade Inch: 1/32" to 1/4" x 1/64".



No. of Blades	Weight each	Order Code KEN-518
34	70g	-0820K
32	80g	-0850K
32	120g	-0940K
30	95g	-0890K
30	70g	-0920K

Feeler Stock Coil

Also useful for shimming in fixture and die work. Supplied in a compact, sturdy plastic rewindable dispenser case. Rewind feature, minimises accidental damage. Made of the finest tempered steel, marked every 6" or 150mm with a line, thickness in thousandths of an inch or in hundredths of a mm.



Thickness (mm)	Weight each	Order Code KEN-519
12.7mm x 7.6mm		
0.03	60g	-3030K
0.04	70g	-3040K
0.05	75g	-3050K
0.10	110g	-3100K
0.20	230g	-3200K
0.50	390g	-3500K
1/2" x 25ft		
0.0010"	100g	-2020K
0.0015"	60g	-2030K
0.0020"	70g	-2040K
0.0030"	90g	-2060K
0.0040"	110g	-2080K
0.0050"	135g	-2100K
0.0060"	150g	-2120K
0.0150"	360g	-2300K
1/2" x 20ft		
0.0200"	430g	-2400K
0.0250"	500g	-2500K

Screw Pitch Gauges

Manufactured from hardened and polished steel, blades are precision milled. Enclosed in a steel case.

Range of sizes: Whitworth - 4 - 62 TPI; Metric - 0.75 - 6mm; American - 4 - 42 TPI.



Type	No. of Blades	Order Code KEN-518
55° Whit.	28	-1000K
60° Metric	20	-1010K
60° USA	30	-1070K

Screw Cutting Gauge

Manufactured from hardened and polished steel to check BA, Whitworth and BSF, Acme and American Screw Threads.

Angles: 60° American and Metric, 55° Whit and BSF, 47½° BA and 14½° Acme.

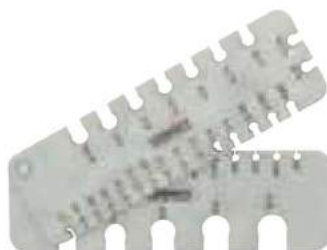


Order Code
KEN-518

-0800K

Standard Wire Gauges

Manufactured from high grade tool steel with satin brushed finish. Each slot is marked with the nominal size.



Range of sizes	Order Code KEN-518
1 - 36SWG	-1160K
0.2 - 10.0mm	-1165K

Drill Gauges

Manufactured from hardened steel with a satin finish. An ideal way to quickly measure the diameter of drills and steel wire.



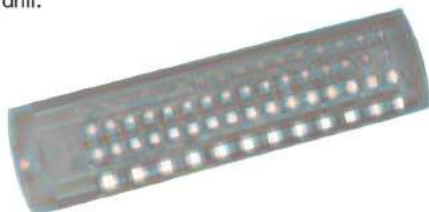
Range of sizes	Order Code KEN-518
1.5 - 12.5mm	-1130K
1/16 - 1/2"	-1140K

Drill Gauges

Manufactured from hardened steel with a satin finish. An ideal way to quickly measure the diameter of drills and steel wire.

1 - 60 Gauge

Measures drill sizes Nos 1 - 60. Holes are marked with size and decimal equivalent of drill.



Order Code
KEN-518
-1100K



Feeler Gauges

Hardened and polished taper blades, enclosed in a steel case. Blades are clearly marked for easy identification.

Metric:
Manufactured to **DIN 2275**.

Part 1 (Metric).

Range:

10 Blade:
.05 - .80mm.
13 and
20 Blade:
.05 - 1mm.



Number of Blades	Weight each	Order Code KEN-518
10	55g	-0710K
13	70g	-0740K
20	100g	-0780K

Inch: Manufactured to **DIN 2275**.
4" Blade length.

Range:

10, 18 and
26 Blade:
.0015" - .025".



No. of Blades	Weight each	Order Code KEN-518
10	40g	-0610K
18	65g	-0650K
26	90g	-0690K

Double Ended Feeler Gauge

Hardened and polished taper blades enclosed in a steel case. Blades are clearly marked. Manufactured to **DIN 2275**.

Blade length: 75mm/3".

Range:

Metric: 0.05 - 0.5mm.
Inch: 0.0015" - 0.025".



No. of Blades	Weight each	Order Code KEN-518
18	60g	-0790K

SENATOR QUALITY TOOLING Double Ended Feeler Gauge

Hardened and polished. Blade etched with size. Manufactured to **DIN 2275**.

Blade length: 75mm/6".

Range:

Metric: 0.05 - 0.5mm.
Inch: 0.0015" - 0.025".



Number of Blades	Weight each	Order Code SEN-518
18	60g	-5790K

ENGINEER'S HAND TOOLS

GROUP 518

Telescopic Gauges

With knurled satin finish bodies providing positive adjustment of the hardened and radius ground plungers ensuring accurate measurement of the internal diameter when used with a micrometer. For smaller diameter measurements use the small hole gauge.



Range	Length (mm)	Order Code KEN-518
8 - 12 mm	5/16" - 1/2"	-1174K
12 - 19 mm	1/2" - 3/4"	-1175K
19 - 32 mm	3/4" - 1 1/4"	-1176K
32 - 54 mm	1 1/4" - 2 1/8"	-1177K
54 - 90 mm	2 1/8" - 3 1/2"	-1178K
90 - 150 mm	3 1/2" - 6"	-1179K

Set

Supplied in a size marked PVC storage wallet, with stud fastening. Contains 1 of each size A - F inclusive.

Set range: 8 - 150mm (5/16" - 6").

6 PIECES



Weight each	Order Code KEN-518
425g	-1180K

Small Hole Gauge Set

Range 3mm (1/8") to 13mm (1/2")

The knurled handle allows fine adjustment of the gauge within the workpiece. Use in conjunction with a micrometer to accurately measure internal dimensions.

Contents: 90, 99, 110 and 110mm overall length.

4 PIECES



Order Code
KEN-518
-1150K

PRODUCTS ARE ONLY AVAILABLE VIA YOUR DISTRIBUTOR

389

KENNEDY Automatic Centre Punches

Light Duty

Delivers a punch between 1.5 to 5.0kg when head is depressed. Chrome vanadium tip with rubber sheathed steel body.



Length (mm)	Order Code
140	KEN-518
Spare Point	-1800K

Standard Duty

Strength of punch and depth of depression is adjustable by turning the knurled head. Delivers a punch between 2.25 to 13.5kg (5 to 30lb).



Length (mm)	Order Code
120	KEN-518
	-1710K

Heavy Duty

Strength of punch and depth of depression is adjustable by turning the knurled head. Delivers a punch between 6.3 to 22.5kg (14 to 50lb).



Length (mm)	Order Code
149	KEN-518
	-1720K

Square Head Centre Punches

Non-roll. Manufactured from hardened and tempered steel with a knurled body for positive grip. Precision ground 60° point for accurate marking of workpiece. Conform to **BS 3066**.

Overall length: 100mm (4").



**4
PIECES**

*Round headed.

Point Diameter (mm)	Order Code
	KEN-518
100mm (4") Overall Length	
3.2 (1/8")	-2050K
4.0 (5/32")	-2060K
4.8 (3/16")	-2070K
6.3 (1/4")	-2090K
125mm (5") Overall Length	
6.3 (1/4")	-2110K
9.5 (3/8")*	-2120K

Set

Supplied in plastic wallet.

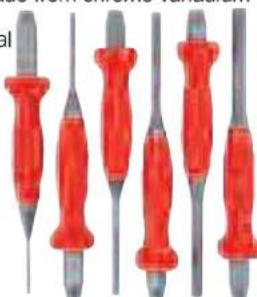
Contents: 1x 3.2, 4, 4.8 and 6.4 x 100mm.

Number of Pieces	Order Code
4	KEN-518
	-2100K

Centre Punches

Ideal for driving tight fitting pins out of mechanical assemblies or realigning holes to fit dowel pins. Made from chrome vanadium steel with high strength octagonal shanks and featuring cushioned grip handles with shock absorbing air pockets.

Overall length: 150mm (6").



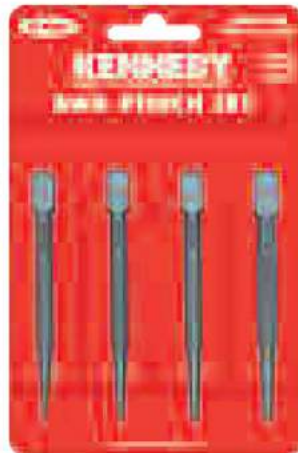
Point Dia. (mm)	Order Code
	KEN-518
2.0	-2332K
3.0	-2333K
4.0	-2334K
5.0	-2335K
6.0	-2336K
8.0	-2337K
Set of 6 pieces as above	-2331K

Nail Punches

Cupped and bevelled precision ground points provide accurate positioning over the nail head for efficient depression. Manufactured from hardened and tempered steel, with a knurled body for extra grip.

Conform to **BS 3066**. (Hardness: heads 42 HRC. Max: points 52 - 58 HRC).

Overall length: 100mm (4").



**4
PIECES**

Point Diameter (mm)	Order Code
	KEN-518
1.6 (1/16")	-2220K
2.4 (3/32")	-2230K
3.2 (1/8")	-2250K
4.0 (5/32")	-2270K

Set

Supplied in plastic wallet.

Contents: 1.6, 2.4, 3.2 and 4mm.

Number of Pieces	Order Code
4	KEN-518
	-2300K

Reduced Shank Wad Punches

For a variety of soft materials. Can be used for cutting holes and producing clean edged discs from the material being cut.



Cut Dia. (mm)	Overall Length	Order Code
		KEN-518
29 (1 1/8")	175mm	-1594K
32 (1 1/4")	175mm	-1595K
35 (1 3/8")	205mm	-1596K
38 (1 1/2")	205mm	-1597K
45 (1 7/8")	210mm	-1598K
50 (2")	210mm	-1599K

Standard Length Inserted Pin Punches

Manufactured from chrome vanadium steel. Used for punching out pins and dowels.



**6
PIECES**

Size (mm)	Overall Length (mm)	Order Code
		KEN-518
2	115	-2412K
3	125	-2413K
4	150	-2414K
5	165	-2415K
6	180	-2416K
8	200	-2418K

Set

Supplied in plastic wallet.

Contents: 2, 3, 4, 5, 6 and 8mm.

Number of Pieces	Order Code
6	KEN-518
	-2420K

Extra Length Inserted Pin Punches

Manufactured from chrome vanadium steel. Used for punching out pins and dowels.



**6
PIECES**

Size (mm)	Overall Length (mm)	Order Code
		KEN-518
2	143	-2422K
3	155	-2423K
4	185	-2424K
5	202	-2425K
6	209	-2426K
8	219	-2428K
10	230	-2430K

Set

Supplied in plastic wallet.

Contents: 2, 3, 4, 5, 6 and 8mm.

Number of Pieces	Order Code
6	KEN-518
	-2435K

Long Parallel Pin Punches With Air Grip

Ideal for driving tight fitting pins out of mechanical assemblies or realigning holes to fit dowel pins. Manufactured from hardened and tempered steel. Fitted with an air grip handle that absorbs vibration as well as deflecting wayward hammer blows.



Point Dia. (mm)	Overall Length (mm)	Weight each	Order Code KEN-518
3	149	53g	-2323K
4	184	97g	-2324K
5	200	110g	-2325K
6	200	117g	-2326K
8	227	180g	-2328K

Long Parallel Punch Set

Number of Pieces	Contents	Weight each	Order Code KEN-518
5	3, 4, 5, 6 & 8mm	557g	-2330K

Straight Shank Hollow Punches

Manufactured from hardened carbon steel. Through body ejection of the punched material makes them ideal for punching clean edged holes in leather, wood, plastics, card and paper.



Cut Dia. (mm)	Overall Length	Order Code KEN-518
5 (3/16")	100mm	-1580K
6 (1/4")	100mm	-1581K
8 (5/16")	105mm	-1582K
10 (3/8")	117mm	-1583K
11 (7/16")	117mm	-1584K
12 (1/2")	115mm	-1585K
14 (9/16")	115mm	-1586K
16 (5/8")	115mm	-1587K
17 (11/16")	115mm	-1588K
19 (3/4")	118mm	-1589K
21 (13/16")	118mm	-1590K
22 (7/8")	118mm	-1591K
24 (15/16")	121mm	-1592K
25 (1")	121mm	-1593K

Hollow Punch Sets

Supplied in hardwearing PVC pocket wallets with tie fastening.



Contents	Order Code KEN-518
5mm (3/16")	-1600K
6mm (1/4")	
8mm (5/16")	
10mm (3/8")	
11mm (7/16")	
12mm (1/2")	-1650K
6mm (1/4")	
8mm (5/16")	
10mm (3/8")	
12mm (1/2")	
16mm (5/8")	-1650K
19mm (3/4")	

ENGINEER'S HAND TOOLS

**GROUP
518**

Parallel Pin Punches

Ideal for driving tight fitting pins out of mechanical assemblies or realigning holes to fit dowel pins. Manufactured from hardened and tempered steel. With a knurled body for extra grip. Conform to **BS 3066**.



Point Dia. (mm)	Weight each	Order Code KEN-518
100mm (4") Overall Length		
1.9 (5/64")	30g	-2125K
2.4 (3/32")	30g	-2130K
3.2 (1/8")	30g	-2150K
3.4 (9/64")	30g	-2155K
4.0 (5/32")	30g	-2160K
4.8 (3/16")	40g	-2170K
115mm (4 1/2") Overall Length		
5.5 (7/32")	30g	-2180K
6.3 (1/4")	40g	-2190K
7.8 (5/16")	150g	-2192K
130mm (5") Overall Length		
8.8 (11/32")	175g	-2196K
150mm (6") Overall Length		
4.0 (5/32")	60g	-2350K
4.8 (3/16")	70g	-2360K
5.5 (7/32")	175g	-2370K
6.3 (1/4")	280g	-2380K

Parallel Pin Punch Sets

Supplied in plastic wallet.



Number of Pieces	Contents (mm)	Weight each	Order Code KEN-518
100mm (4") Overall Length			
6	2.4, 3.2, 4.0, 4.8, 5.5 & 6.4	280g	-2200K
150mm (6") Overall Length			
4	4.0, 4.8, 5.5 & 6.4	585g	-2400K

Taper Punches

Manufactured from chrome vanadium steel. Used for aligning holes in jigs and fixtures etc.



Point Dia. (mm)	Overall Length (mm)	Weight each	Order Code KEN-518
3	210	115g	-1533K
4	215	160g	-1534K
5	225	180g	-1535K
6	240	195g	-1536K
8	270	380g	-1538K
10	355	520g	-1540K
12	355	540g	-1542K

Taper Punch Set

Contents: 1x 3, 4, 5, and 6mm.



Contents	Weight KEN-518	Order Code
3, 4, 5 & 6mm	683g	-1550K

PRODUCTS ARE ONLY AVAILABLE VIA YOUR DISTRIBUTOR

KENNEDY
 QUALITY INDUSTRIAL TOOLING

Edge & Centre Finders
Cylinder Type

For fast accurate work location. Made from tool steel and hardened all over, they can be used on flat surfaces, straight edges, shoulders, grooves, studs, dowels, centre points and scribed lines.

To locate an edge first secure the finder in a collet or chuck, the work table is then traversed to cause the rotating edge finder to make contact with the workpiece. (**fig 1**).

Upon touching the workpiece the edge finder's contact point will be forced into running concentrically with the body (**fig 2**). Any further movement to "off-centre" will cause a distinct wobble.

At this point, the distance from the work edge to the centre of the finder is equal to half the diameter of the contact point.

Datum lines and centre points are located using the combination edge and centre finder (**fig 3**).

This has a cone shaped contact point which is lowered into position barely touching the workpiece at the point you wish to measure.

The finder is made to run concentrically using a steel rule or straight edge (**fig 4**).

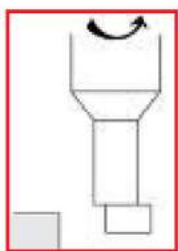


fig 1

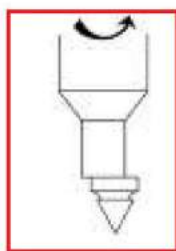


fig 3

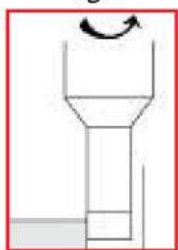


fig 2

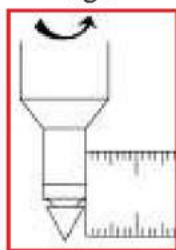


fig 4

Edge & Centre Finder - 5 Piece Set

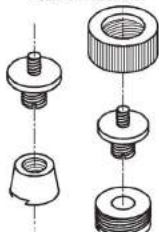
Consists of a chuck body and four contact arms. Designed to check 'run-out' or concentricity, straightness and alignment. Will indicate the position of a datum point on a component or fixture from the centre line of a machine spindle. Suitable for use on drill presses, lathes, milling machines, borers etc.

Chuck Body:

Held in the spindle using a suitable drill chuck or collet chuck (**fig 1**). The contact arms are retained in position using the knurled collar which lightly clamps the ball joint inside the body. Arms may be exchanged without the need to remove the body from the machine spindle.

Universal Indicator Holder

The detachable end will allow clamping with 2 and 3 piece dovetail clamping assemblies and when removed will fit standard 1/4" side clamp. This uses the spindle centre line to align component bores or spigots, check the flatness or squaring of workpieces or fixturing and check run-out of components. The spindle should only be rotated manually to avoid damaging the dial test indicator (**fig 1**).

Clamping Assemblies


2 Piece 3 Piece

Needle Point

To lightly mark out lines and positions on a component as a guide to subsequent operations, using the machine's dials or digital read-out to position the scriber point (not illustrated).

Ball Contact .250"


Used to find a datum point .125" ± .0005" away from a flat surface.

Disc Contact .100"


Used to find a datum point .050" ± .0005" away from a convex surface.



fig 1

Edge Finders


Diameters	Weight each	Order Code
Shank 0.200"		KEN-518
Body 0.375"	30g	-1410K
Shank 10mm		
Body 10mm	40g	-1420K
Shank 0.200"		
Body 0.500"	40g	-1430K

Edge & Centre Finders Combination


Diameters	Weight each	Order Code
Shank 0.200"		KEN-518
Body 0.500"	50g	-1440K
Shank 0.200"		
Body 0.375"	30g	-1450K
Shank 5mm		
Body 12mm	40g	-1445K

Double Edge


Diameters	Weight each	Order Code
Shank 0.200"		KEN-518
Body 0.500"	60g	-1460K

Plain Edge


Diameters	Weight each	Order Code
Shank 0.500"		KEN-518
Body 0.500"	60g	-1470K
Shank 12mm		
Body 12mm	50g	-1480K

Position the contact arm in line, but slightly away from the surface to be aligned. When finding the surface of a diameter, the 'Disc' must be positioned as near to the centre of that diameter as possible. Run the spindle between 200 and 500 revs/min. The table or spindle is then moved slowly, to bring the contact arm closer to the surface to be aligned. The contact arm will tap lightly against the surface (**fig 2**) the movement of the arm will become less and less the nearer the datum point gets to the spindle centre line (**fig 3**). When the arm stops spinning in a straight line and starts to 'jump', this indicates the datum point (**fig 4**):

$$\frac{1}{2} \text{ contact dia} + \text{Edge} = \text{Centre}$$

$$\frac{1}{2} \text{ contact dia} - \text{Centre} = \text{Edge}$$



Contents	Weight each	Order Code
As Above	130g	-1500K

KENNEDY Eye Loupes

Manufactured from shock resistant plastic. Shatterproof lens. Ideal for jewellers, watchmakers, electronics and model makers.



Clear

Mag. Factor	Focal Length	Order Code
10	31mm	-6000K

Solid

Mag. Factor	Focal Length	Weight each	Order Code
10x	31mm	20g	-5290K
4.0x	63mm	14g	-5300K
3.5x	75mm	10g	-5310K
3.0x	90mm	10g	-5320K

Hand Magnifiers

Plastic lightweight magnifiers.

Used to provide a clear crisp enlarged image. Used for inspection of finished parts, enlarging small text and pictures etc.



Diameter	Mag. Factor	Order Code
50mm	5x	-6040K
75mm	4x	-6060K
100mm	2x	-6080K

Inspection Mirror

Sheet glass mirror recessed into lightweight aluminium housing. Gives clear visibility in concealed areas.

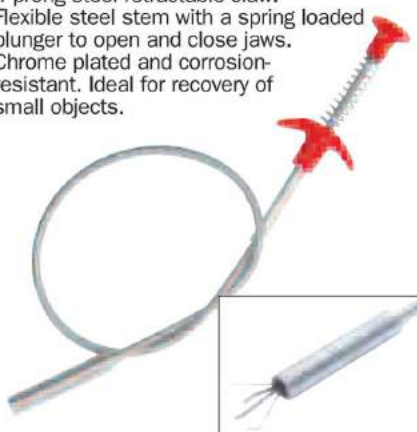
Size: 100 x 100mm.



Order Code
KEN-518
-5360K

Flexible Pick Up Tool

4 prong steel retractable claw. Flexible steel stem with a spring loaded plunger to open and close jaws. Chrome plated and corrosion-resistant. Ideal for recovery of small objects.



Length	Order Code
600mm (24")	-4820K
900mm (36")	-4840K

Telescopic Mirrors

Ball and socket universally positional joint, holds the high grade distortion free mirror at any angle. Chrome plated high polish finish telescopic shafts.

Circular Mirror

With high power magnet and pocket clip. **Mirror diameter:** 30mm.



Length Closed/Open	Weight each	Order Code
180/480mm	41g	-5380K

Mirror diameter: 50mm.



Length Closed/Open	Weight each	Order Code
280/420mm	100g	-5420K

Rectangular Mirror

Mirror size: 90 x 50mm.



Length Closed/Open	Weight each	Order Code
370/550mm	127g	-5460K

Inspection Mirrors

With flexible shafts which can be adjusted into any position. Available as standard or with light attachment. Both models have high grade distortion-free glass mirrors with chrome plated shafts. Inspection mirror with light requires 2x 'AA' batteries and has a swivel head.

Standard



Mirror Diameter	Weight each	Order Code
50mm	180g	-5400K

With Light Attachment

Flexible shafts which can be adjusted into any position.



Mirror Size	Weight each	Order Code
50 x 25mm	220g	-5500K
Description	Weight each	Order Code
Spare bulb	1g	-6400K

ENGINEER'S HAND TOOLS

GROUP
518



Scribers

Used for the marking out of fine lines on metals. Manufactured from hardened and tempered high grade steel with knurled bodies for high grip and precision ground points for accurate marking. Available with a chisel point, pocket type, machinist's standard type, double ended, which are mainly used in conjunction with surface gauges.

Pocket Scriber

With steel tip only, also a reversible point to prevent snagging of clothing when clipped into pocket. With knurled bodies for extra grip.

Overall length: 88mm.



Type	Order Code
Scriber	KEN
Scriber Point	-518-4330K
	-567-6200K

Machinists

One piece single ended for marking out in confined places.

Overall length: 115mm.



Order Code
KEN-518
-4350K

Double Ended

Double ended, ideal for marking out in hard to get places eg. grooves.

Overall length: 180mm.



Order Code
KEN-518
-4370K

Chisel Point & Scraper

Machinists scriber with scraper. Double ended. Ideal for cleaning surfaces prior to marking out. With chisel point.

Overall length: 180mm.



Order Code
KEN-518
-4360K

Etching Pen Scriber

For marking, scoring and identification on hard and soft materials including alloy, copper, stainless steel, glass and ceramics.

Overall length: 180mm.



Type	Weight each	Order Code
Fixed	35g	KEN-518
		-4200K

Retractable Carbide Tipped Etching Pen

For marking and scribing in hard and soft materials including steel, plastics and timber.

Overall length: 180mm.



Weight each	Order Code
35g	KEN-518
	-4220K

Spare Point

Weight each	Order Code
9g	KEN-518
	-4240K

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KENNEDY
QUALITY INDUSTRIAL TOOLING

Chuck Style Tap Wrenches

English Type

Used in hand tapping operations and provide the reach and leverage needed for accurate tapping in tight spaces. Heavy duty ductile steel body with knurled chuck, four equalising jaws to hold the tap true and sliding T-bar which can be used when tapping against a shoulder or other obstructions. Individually boxed.



Square Size (mm)	Length (mm)	Order Code KEN-518
Standard Length		
2.0 - 2.8	50	-8860K
3.0 - 5.0	65	-8880K
7.0 - 9.4	90	-8900K
Long Reach		
3.0 - 5.0	165	-8920K
7.2 - 9.0	255	-8940K

Chuck Type Tap Wrench Set

English Type

Contents:

Standard length

2.0 - 2.8,
3.0 - 5.0,
7.0 - 9.4mm.

Extra length

3.0 - 5.0,
7.2 - 9.0mm.



**5
PIECES**

Weight each	Order Code KEN-518
895g	-9000K

Japanese Type

Used in Hand Tapping operations and provide the reach and leverage needed for accurate tapping. Heavy duty ductile steel body with knurled chuck, stepped chuck jaws and four point clamping increase the range of tap sizes which can be used in the wrench fitted with a fixed T-bar. Individually boxed.



Square Size (mm)	Length (mm)	Order Code KEN-518
Slimline		
2.0 - 4.0	55	-8520K
Standard Length		
4.0 - 5.0	60	-8550K
4.0 - 5.5	70	-8580K
Long Reach		
3.0 - 3.9	100	-8620K
5.6 - 6.2	120	-8690K

Engineer's Tap Wrenches

With all steel, hardened and tempered bodies, solid construction, hardened ground jaws and knurled adjustable handles for extra grip. Straight handle design provides greater leverage, especially when using larger diameter taps.

Tap sizes to **ISO 529**.



Square Size (mm)	Order Code KEN-518
2.8 - 5.0	-8320K
4.0 - 10.0	-8350K
4.0 - 12.0	-8390K
5.3 - 17.0	-8470K

Tap Wrench Set

Contents:

Square size: 2.8 - 5mm and 4.0 - 12mm.

**2
PIECES**



Order Code
KEN-518
-8480K

Bar Type Tap Wrenches

Ductile steel body with a knurled locking nut ensuring no loss of grip during use.



Square Size (mm)	Order Code KEN-518
1.5 - 5.0	-8800K
2.0 - 7.2	-8820K
2.5 - 9.0	-8840K

Tap Wrench & Diestock Set

Contents

Diestocks: 1" x 13/16", 1" x 1", 1" x 15/16".

Tap wrenches (square size):

1 x 2.8 - 5.0mm and 1 x 4.0 - 10.0mm.



**5
PIECES**

Order Code
KEN-518
-8500K

Ratchet Type Tap Wrenches



Manufactured from hardened and tempered steel, with chrome plated high polish finish. Switchable between forward and reverse coupled with the multi-positional sliding T-bar makes this tap wrench ideal for use in confined spaces. Individually boxed.



Square Size (mm)	Length (mm)	Order Code KEN-518
3.0 - 6.0	85	-8720K
6.0 - 8.0	100	-8750K

Replacement Jaws

To Suit	Order Code KEN-567
KEN-518-8720K	-6500K
KEN-518-8750K	-6510K

Die Stocks

All steel drop forged solid construction for long life with knurled handles for extra grip. Designed to hold a range of different sizes of round split-adjustable dies. The three screw design easily locks die into position and maintains alignment for accurate threading resulting in clean, straight threads.



Outside Diameter	Order Code KEN-518
13/16"	-8070K
1"	-8100K
1 5/16"	-8130K
1 1/2"	-8150K
2"	-8200K

Die Stock Set Contents:

1 - 13/16" x 150mm,
1 - 1" x 210mm,
1 - 1 5/16" x 280mm.

**3
PIECES**



Order Code
KEN-518
-8210K



KENNEDY Engineer's Scrapers

Wooden contoured handles with high grade steel blades, hardened and tempered with extremely keen cutting edges. Scrapers reduce high spots from a surface which has been previously machined or filed.

Three Square

Suitable for tool room and light engineering work. Used on small bearings and bushes and into restricted/tight angles.



Length (mm)	Width (mm)	Weight per 5	Order Code KEN-518
100	8	320g	-2440K
150	10	620g	-2460K
205	15	1200g	-2480K

Flat

For use on flat surfaces and external cylindrical surfaces.



Length (mm)	Width (mm)	Weight per 5	Order Code KEN-518
100	16	360g	-2640K
150	19	650g	-2660K
205	23	1300g	-2680K

Half Round

For use on hollow surfaces such as bearing linings and internal cylindrical surfaces.



Length (mm)	Width (mm)	Weight per 5	Order Code KEN-518
100	11	330g	-2540K
150	16	600g	-2560K
205	16	1000g	-2580K

3 Piece Set

1 each 100mm three square, half round and 205mm flat.



Weight each	Order Code KEN-518
350g	-2850K

**3
PIECES**

KENNEDY Miniature Hook & Pick Set

Includes straight pick, full hook, 90° hook and 45° hook. Ideal for use on cotter pins, keys, 'O' rings, springs and washers. Hardened and tempered chrome vanadium steel shanks with a knurled section for precise grip. Impact resistant square section handles for secure grip even when greasy.

Overall length: 120 - 130mm (4¾" - 5¼").

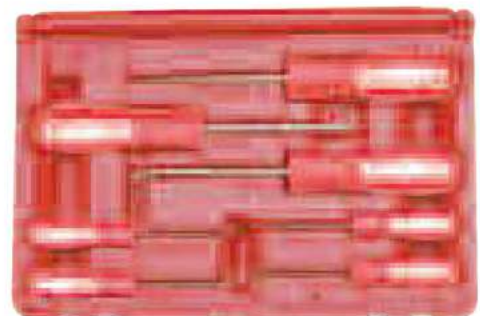

**4
PIECES**

Order Code
KEN-518
-2900K

Universal Hook & Pick Set

Designed for use in automotive and engineering applications. Ideal for use in the removal of O-rings, cotter pins, seals, bushes, springs and washers. Impact resistant handles. Presented in sturdy blow moulded plastic case.

Contents: 210mm (8") hook tip, straight tip, 90° tip 135mm (5") straight tip, hook tip, combination tip, 90° tip.


**7
PIECES**

Order Code
KEN-518
-2920K

Pin Vices

Manufactured from hardened steel. Ideal for holding drills, small files and wire. The through hole construction of the body allows lengths of wire to be held.

Capacity (mm)	Length (mm)	Order Code KEN-518
0.0 - 1.00	83	-1210K
0.8 - 1.50	85	-1220K
1.3 - 3.10	90	-1230K
3.0 - 4.80	100	-1240K

Pin Vice Set

Capacity: 0.0 - 4.8mm.

Order Code
KEN-518
-1200K

**4
PIECES**

Pin Chucks

For holding small drills in lathes and larger chucks. With three collets.



Range (mm)	Order Code KEN-518
0.25 - 2.5	-1260K

Toolmaker's Clamps

Hardened and tempered jaws with spring tension clips.



Capacity (mm)	Length (mm)	Order Code KEN-518
32	51	-4400K
57	76	-4410K
70	101	-4420K
90	127	-4430K

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A high quality product that is suitable for use in garden centres, parks, sports areas, industrial, gardens, farms and for household use where a high quality professional product is required. The products are produced from heat treated steel which is carefully ground. Carbon steel blades. Deep sockets and swan necks for improved strength, polypropylene 'YD' handles and bend resistant shafts.

**Border
SBC235**

Wooden shaft and plastic handle.

Overall length: 940mm
Blade size: 235 x 140mm.

**Digging
SBC290**

Wooden shaft and plastic handle.

Overall length: 1010mm.
Blade size: 290 x 180mm.

**Long Socket
SBL290**

Plastic shaft, soft grip plastic handle and long socket.

Overall length: 1080mm.
Blade size: 290 x 180mm.

**CARBON
STEEL**

Product Number	Type	Weight each	Order Code RTL-522
SBC235	Border	1.52kg	-4360K
SBC290	Digging	1.94kg	-4310K
SBL290	Digging	2.27kg	-4410K

Garden Forks

A high quality product that is suitable for use in garden centres, parks, sports areas industrial gardens, farms and for household use where a high quality professional product is required. The products are produced from heat treated steel which is carefully ground. These tools also have steel handles and PVC grips. Carbon steel blades and plastic handles.

**Border
FBC235**

Wooden shaft and plastic handle.

Overall length: 955mm.
Blade size: 235 x 140mm.

**Digging
FDC300**

Wooden shaft and plastic handle.

Overall length: 1010mm.
Blade size: 300 x 185mm.

**CARBON
STEEL****Digging
Long Socket
FLC300**

Plastic shaft, soft grip plastic handle.

Overall length: 1080mm.
Blade size: 300 x 180mm.



Product Number	Type	Weight each	Order Code RTL-522
FBC235	Border	1.35kg	-4350K
FDC300	Digging	1.83kg	-4300K
FLC300	Digging	2.36kg	-4400K

Garden Spades

Polished and ground stainless steel blades with deep sockets and swan neck for improved strength. Bend resistant. Polypropylene 'YD' handles and shafts.

**STAINLESS
STEEL****Digging
SDS180**

Suitable for general application.
Blade width: 180mm.
Overall length: 1030mm.

**Border
SDB150**

Suitable for use in confined areas of the garden.
Blade width: 150mm.
Overall length: 910mm.



Product Number	Type	Weight each	Order Code RTL-522
SDS180	Digging	2.1kg	-2510K
SDB150	Border	1.7kg	-2560K

Garden Forks

Polished and ground stainless steel prongs with deep sockets and swan neck for improved strength. Bend resistant. Polypropylene 'YD' handles and shafts.

**STAINLESS
STEEL****Digging
FDS180**

Suitable for general application.
Blade width: 180mm.
Overall length: 1000mm.

**Border
FBS140**

Suitable for use in confined areas of the garden.
Blade width: 140mm.
Overall length: 910mm.



Product Number	Type	Weight each	Order Code RTL-522
FDS180	Digging	1.90kg	-2500K
FBS140	Border	1.60kg	-2550K

A high quality product that is suitable for use in garden centres, parks, sports areas, industrial gardens, farms and for household use where a high quality professional product is required. The products are produced from heat treated steel which is carefully ground. These tools also have steel handles and PVC grips.

Draw Hoe

240420
 Blade width: 140mm.
 Overall length: 1550mm.

Garden Rake

240520
 Blade width: 300mm.
 Overall length: 1570mm.

Dutch Hoe

240220
 Blade width: 128mm.
 Overall length: 1600mm.

3 Prong Cultivator

240620
 Blade width: 90mm.
 Overall length: 1620mm.

Edging Knife

240120
 Blade width: 215mm.
 Overall length: 930mm.

STAINLESS STEEL

Product Number	Weight each	Order Code RTL-522
240420	1.2kg	-2770K
240120	0.9kg	-2700K
240520	1.6kg	-2800K

Product Number	Weight each	Order Code RTL-522
240220	1.5kg	-2750K
240620	1.2kg	-2840K

Premier Gardening Set

Contents:

Hand trowel, weeding fork and bulb planter, digging spade and fork. Garden rake and dutch hoe both with stainless steel heads, steel handles and PVC grips. Bypass secateurs - maximum cutting diameter 25mm. Heavy duty polythene garden bag with 170ltr capacity. Heavy duty Canadian rigger gloves size 10.

**10
PIECES**

STAINLESS STEEL



Order Code
 RTL-522
 -9120K

Garden Tools

Carbon steel blades, aluminium shafts and soft grip rubber handles.

**GROUP
522**



341151
 Draw Hoe
 Blade width: 140mm.
 Overall length: 1410mm.

340851
 Dutch Hoe
 Blade width: 128mm.
 Overall length: 1530mm.

Garden Rake 341051
 Blade width: 295mm.
 Overall length: 1530mm.

CARBON STEEL

Lawn Rake 340351
 Blade width: 440mm.
 Overall length: 1530mm.

Product Number	Weight each	Order Code RTL-522
340851	0.64kg	-4800K
341151	0.63kg	-4820K

Product Number	Weight each	Order Code RTL-522
341051	905g	-4900K
340351	870g	-4920K

Country Gardening Set

Contents:

Hand trowel, weeding fork and bulb planter, digging spade and fork. Garden rake, dutch hoe and lawn rake all with carbon steel heads, aluminium handles and soft rubber grips. Bypass secateurs - maximum cutting diameter 25mm. Heavy duty polythene garden bag with 170ltr capacity. Heavy duty Canadian rigger gloves size 10.

**11
PIECES**

CARBON STEEL



Order Code
 RTL-522
 -9100K

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RUTLAND
Quality Gardening Tools**200mm/8" Pruning Shears - Anvil & Bypass**

Precision heat treated carbon steel blade with rust resistant coating. Blade locking mechanism. Spring loaded. Bi-material grip.



Type	Order Code
8" Anvil	RTL-522
8" Bypass	-2030K
	-2040K

Bypass Secateur

Bypass secateur with a non-clogging telescopic spring, single handed locking mechanism and textured rubber grip handles.



Overall Length	Weight each	Order Code
215mm	297g	RTL-522
		-1750K

Pruning Shears

Spring loaded, with contoured grips and blade locking mechanism. **Overall length: 200mm.**

Anvil Action

The anvil secateur is designed for cutting old, hard and deadwood. The anvil supports a wide area of the branch while the sharp narrow upper blade is forced through the wood with only a minimum amount of slicing action.

**Bypass Action**

Type	Weight each	Order Code
Anvil Action	227g	RTL-522
Bypass Action	223g	-2050K
		-2100K

10" Blade Hedge Shears

Precision heat treated carbon steel blade with rust resistant coating. Aluminium handle with bi-material grip. Easy cutting.



Order Code
RTL-522
-2370K

**Flora Secateur**

Long nose secateurs for delicate pruning jobs. Textured cushioned grip for user comfort.

Maximum cutting diameter: 30mm.



Overall Length	Weight each	Order Code
180mm	181g	RTL-522
		-1550K

Single Hand Grass Shears

Spring loaded non-stick blades, blade rotation with locking mechanism. For left or right hand use.

360° Blades Rotate

Overall blade length: 200mm.



Blade Rotation	Weight each	Order Code
360°	297g	RTL-522
		-2020K

5-in-1 Secateur Multi-Tool

Versatile tool ideal for all levels of gardener. The main functions include - **root remover, mini saw, secateurs, weeding tool and pruning knife.** Bi-material grip and stainless steel blades to help prevent rust. With blade lock.

Size (H x W x D): 150 x 80 x 18mm.



Overall Length	Order Code
150mm	RTL-522
	-2380K

GARDEN TOOLS

RUTLAND
Quality Gardening Tools

Ratchet Tree Lopper & Telescopic Pole Saw

2.4m telescopic pole. Ratchet cutting mechanism. Pole saw can be used independently or attached to the lopper.

Lopper cutting capacity: 35mm (1 $\frac{3}{8}$ "').
Saw blade size: 25 x 350mm (1" x 14").



Overall Length	Order Code
2.4m	RTL-522 -2120K

28" Loppers - Anvil

Precision heat treated carbon steel blade with rust resistant coating. Aluminium handle with bi-material grip. Easy cutting.

new



Size	Order Code
28"	RTL-522 -2210K

28" Loppers - Bypass

Precision heat treated carbon steel blade with rust resistant coating. Aluminium handle with bi-material grip. Easy cutting.

new



Size	Order Code
28"	RTL-522 -2230K

Carbon Steel Fork & Trowel

Hammered epoxy coated carbon steel blades. Varnished wooden handles.

Hand trowel: 285 x 87mm.

Weeding fork: 285 x 80mm.

Graduated bulb planter: 290 x 63mm.

**3
PIECES**

**CARBON
STEEL**



Type	Weight each	Order Code
Hand Trowel	200g	RTL-522 -4210K
Weeding Fork	230g	RTL-522 -4200K

Set: Hand Travel, Weeding Fork, Bulb Planter

Number of Pieces	Weight each	Order Code
3	900g	RTL-522 -4250K

Folding Pruning Saw

Contoured grip with push button locking mechanism.

Overall length: closed: 230mm, opened: 440mm.



Overall Length	Weight each	Order Code
440mm	240g	RTL-522 -6600K

Fork & Trowel

Stainless steel blades with plastic handles.

Hand trowel: 300 x 81mm.

**STAINLESS
STEEL**



Weeding fork: 270 x 76mm.



Graduated bulb planter: 300 x 65mm.



Type	Weight each	Order Code
Hand Trowel	255g	RTL-522 -2410K
Weeding Fork	170g	RTL-522 -2400K
Bulb Planter	205g	RTL-522 -2420K

Set

**3
PIECES**



Number of Pieces	Weight each	Order Code
3 (as above)	825g	RTL-522 -2450K

1/4" Mesh Riddle

For bringing soil to a suitable condition, removing large lumps to provide the perfect potting soil, according to size. Made of steel mesh.

Diameter: 360mm.
Depth: 70mm.



Order Code
RTL-522 -8400K

HAND TOOLS

PRODUCTS ARE ONLY AVAILABLE VIA YOUR DISTRIBUTOR

Lever tension handle for rapid blade change and rigid oval section frames. Supplied with clip-on plastic blade protectors to prevent injuries during transportation and storage. Suitable for cutting dry and green wood. Suitable for gardeners, landscapers, builders, farmers etc.

Triangular Pattern

Low profile frame for use in confined areas, for example among tree branches.



Blade Length (mm)	Throat Length	Weight each	Order Code
530 (21")	180mm	540g	RTL-522 -7310K

Loggers Pattern

Full frame suitable for heavier sawing of logs, tree trunks etc.



Blade Length (mm)	Throat Length	Weight each	Order Code
530 (21")	180mm	480g	RTL-522 -7210K
610 (24")	180mm	700g	-7340K
760 (30")	230mm	820g	-7400K

Replacement Blades for Bow Saws

Bow Saw Replacement Blades



Blade Length (mm)	Weight per 10	Order Code
460 (18")	505g	RTL-522 -7910K
530 (21")	560g	-7930K
610 (24")	750g	-7950K
760 (30")	850g	-7970K

Lightweight Garden Bag

170ltr capacity garden bag with two handles. Made from rot-proof woven polyethylene fabric with tear resistant stitching for durability.



Weight each	Order Code
220g	RTL-523 -4700K

KENNEDY
 QUALITY INDUSTRIAL TOOLING
Camp Axe

One piece solid steel shaft with rubber grip. Supplied with protective head cover.

Overall length: 345mm.



Head Size (oz/g)	Weight per 6	Order Code
20/566	6.20kg	KEN-525 -9090K

Chopping Axe

Heat treated tubular steel shaft with rubber grip. Drop forged polished and lacquered head. Supplied with protective head cover. Belt slits in head cover offer hands free storage whilst in transit.

Overall length: 335mm.



Head Size (oz/g)	Weight per 6	Order Code
16/453	5.40kg	KEN-525 -9110K

Riggers Hatchet

One piece solid steel shaft with rubber grip. With a sharp cutting edge and chequered face.

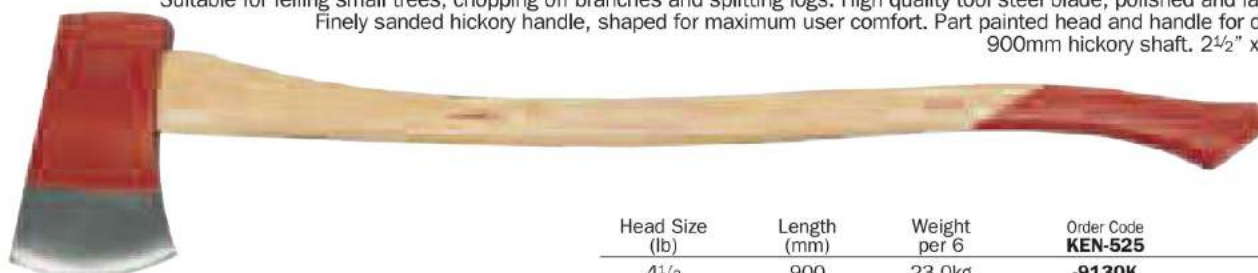
Overall length: 430mm.



Head Size (oz/g)	Weight per 6	Order Code
28/795	7.20kg	KEN-525 -9140K

Felling Axe

Suitable for felling small trees, chopping off branches and splitting logs. High quality tool steel blade, polished and lacquered. Finely sanded hickory handle, shaped for maximum user comfort. Part painted head and handle for durability. 900mm hickory shaft. 2 1/2" x 3/4" eye.



Head Size (lb)	Length (mm)	Weight per 6	Order Code
4 1/2	900	23.0kg	KEN-525 -9130K

SITESAFE
Square Mouth Shovels

General purpose contractors shovel for digging out and refilling trenches, mixing concrete and moving tarmac. All blades are hardened and tempered with an epoxy coating.

S14212

Type: open socket.
Handle Type: YD polypropylene.
Shaft: hardwood.
Blade material: carbon-manganese steel.
Blade size: (W)240mm x (H)310mm.
Overall length: 980mm.


S14212
S14332

Type: solid socket.
Handle Type: MYD metal framed.
Shaft: solid fibreglass.
Blade material: carbon-manganese steel.
Blade size: (W)240mm x (H)300mm.
Overall length: 970mm.


S14332
S14112

Type: solid socket.
Handle Type: T wooden.
Shaft: hardwood.
Blade material: carbon-manganese steel.
Blade size: (W)240mm x (H)300mm.
Overall length: 985mm.


S14112
S14322

Type: solid socket.
Handle Type: MYD metal framed.
Shaft: metal.
Blade material: carbon-manganese steel.
Blade size: (W)240mm x (H)300mm.
Overall length: 1000mm.


S14322
S14312

Type: solid socket.
Handle Type: MYD metal framed.
Shaft: hardwood.
Blade material: carbon-manganese steel.
Blade size: (W)240mm x (H)300mm.
Overall length: 980mm.


S14312

Product Number	Weight each	Order Code
S14212	1.90kg	-7770A
S14332	2.95kg	-7820A
S14112		-7780A

Product Number	Order Code
S14322	-7810A
S14312	-7790A

RUTLAND CONTRACTORS TOOLS
Square Mouth Shovels
SSC245/SSC190

High-tensile tubular steel construction with 'YD' handle which is designed for heavy industrial and professional use. Shovel head is finished in a tough epoxy powder coating which prevents rusting and reduces soil adhesion.

SSC215

Black finish, heat treated blade and hardwood shaft. Bend resistant. Polypropylene 'YD' handle.

SSC245

Type: open socket.
Handle Type: YD polypropylene.
Shaft: metal.
Blade material: carbon steel, epoxy coated.
Blade: (W)245mm x (H)300mm.
Overall length: 965mm.


SSC190

Type: open socket.
Handle Type: YD polypropylene.
Shaft: metal.
Blade material: carbon steel, epoxy coated.
Blade: (W)190mm x (H)300mm.
Overall length: 975mm.


SSC215

Type: open socket.
Handle type: YD polypropylene.
Shaft: hardwood.
Blade material: carbon steel, powder coated, varnished.
Blade: (W)215mm x (H)300mm.
Overall length: 1020mm.


CARBON STEEL

Product Number	Weight each	Order Code
SSC245	1.95kg	-4500K
SSC190	2.13kg	-4510K
SSC215	1.10kg	-5580K

Fork
FSC210

Type: all metal.
Handle type: MYD metal framed.
Shaft: metal.
Blade material: carbon steel, epoxy coated.
Blade: (W)210mm x (H)325mm.
Overall length: 1040mm.
Weight: 1.80kg


new

Product Number	Order Code
FSC210	-8240K

SITESAFE

Forks

Extra strong square prongs with the chisel points makes this tool ideal for digging in heavy clay or stony ground. All blades are hardened and tempered with an epoxy coating.

S21322

Type: solid socket.
Handle Type: MYD metal framed.
Shaft: metal.
Blade material: carbon-manganese steel.
Blade size: (W)240mm x (H)310mm.
Overall length: 1025mm.


new
S21332

Type: solid socket.
Handle Type: MYD metal framed.
Shaft: solid fibreglass.
Blade material: carbon-manganese steel.
Blade size: (W)180mm x (H)310mm.
Overall length: 1010mm.
Weight: 2.70kg



Product Number	Order Code
S21322	-7860A
S21332	-7825F

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General purpose shovel with tapered blade. All blades are hardened and tempered with an epoxy coating.

S15112

Type: solid socket.
Handle
Type: T wooden.
Shaft: hardwood.
Blade material: carbon-manganese steel.
Blade size: (W)240/215mm x (H)340mm.
Overall length: 1000mm.

new

**S15312**

Type: solid socket.
Handle
Type: MYD metal framed.
Shaft: hardwood.
Blade material: carbon-manganese steel.
Blade size: (W)240/210mm x (H)310mm.
Overall length: 1000mm.

**S15322**

Type: solid socket.
Handle
Type: MYD metal framed.
Shaft: metal.
Blade material: carbon-manganese steel.
Blade size: (W)240/215mm x (H)340mm.
Overall length: 1000mm.

**S15332**

Type: solid socket.
Handle
Type: MYD metal framed.
Shaft: solid fibreglass.
Blade material: carbon-manganese steel.
Blade size: (W)255/215mm x (H)320mm.
Overall length: 1000mm.



new

Product Number

Order Code

S15112
S15312SSF-522
-7781B
-7791B

Product Number

Order Code

S15322
S15332SSF-522
-7811B
-7821B**Trenching Shovels**

Ideal for narrow trench work like pipe and cable laying. Often used in conjunction with a cable laying shovel. All blades are hardened and tempered with an epoxy coating.

S16322

Type: solid socket.
Handle
Type: MYD metal framed.
Shaft: metal.
Blade material: carbon-manganese steel.
Blade size: (W)190/165mm x (H)270mm.
Overall length: 970mm.

**S16312**

Type: solid socket.
Handle
Type: MYD metal framed.
Shaft: hardwood.
Blade material: carbon-manganese steel.
Blade size: (W)190/165mm x (H)270mm.
Overall length: 985mm.

**S16332**

Type: solid socket.
Handle
Type: MYD metal framed.
Shaft: solid fibreglass.
Blade material: carbon-manganese steel.
Blade size: (W)190/165mm x (H)280mm.
Overall length: 985mm.



new

Product Number

Order Code

S16322
S16312
S16332SSF-522
-7812C
-7792C
-7822C**Round Mouth Shovels**

An ideal tool for shovelling loose materials such as gravel. The pointed blade gives easier penetration. All blades are hardened and tempered with an epoxy coating.

S13112

Type: solid socket.
Handle
Type: T wooden.
Shaft: hardwood.
Blade material: carbon-manganese steel.
Blade size: (W)240mm x (H)300mm.
Overall length: 990mm.

**S13212**

Type: open socket.
Handle
Type: YD polypropylene.
Shaft: hardwood.
Blade material: carbon-manganese steel.
Blade size: (W)230mm x (H)290mm.
Overall length: 1000mm.

**S17112**

Type: solid socket.
Handle
Type: T wooden.
Shaft: hardwood.
Blade material: carbon-manganese steel.
Blade size: (W)210mm x (H)240mm.
Overall length: 955mm.



new

Product Number

Order Code

13112
13212
17112SSF-522
-7786G
-7776G
-7787H



High-tensile tubular steel construction designed for heavy industrial and professional use. Shovel head is finished in a tough epoxy powder coating which prevents rusting and reduces soil adhesion.

Cable Laying Shovel

All steel with slightly dished blade and round cutting edges. Designed for clay digging and heavy ground breaking work.

CLC140

Type: all metal.
Handle type: MYD metal framed.
Shaft: metal.
Blade material: carbon steel, epoxy coated.
Blade width: 140 - 115mm.
Blade height: 280mm.
Overall length: 990mm.



Newcastle Drainer
Ideal for digging trenches, pipe, cable and drain channels and post holes.

NCD165

Type: all metal.
Handle type: MYD metal framed.
Shaft: metal.
Blade material: carbon steel, epoxy coated.
Blade width: 165 - 100mm.
Blade height: 400mm.
Overall length: 1115mm.


**CARBON
STEEL**

Product Number	Weight each	Order Code
CLC140	2.00kg	-8340K
NCD165	2.20kg	-8500K

Round Shovel
SRC230

Black finish, heat treated blade and hardwood shaft. Bend resistant.

Type: open socket.
Handle type: YD polypropylene.
Shaft: hardwood.
Blade material: carbon steel, powder coated, varnished.
Blade: (W)230mm x (H)300mm.
Overall length: 1010mm.


**CARBON
STEEL**

Product Number	Weight each	Order Code
SRC230	1.80kg	-5590K



Specially designed for digging trenches for cables. Generally used in conjunction with the trenching shovel. All blades are hardened and tempered with an epoxy coating.

S11332

Type: solid socket.
Handle Type: MYD metal framed.
Shaft: solid fibreglass.
Blade material: carbon-manganese steel.
Blade size: (W)140mm x (H)240mm.
Overall length: 940mm.


S11312

Type: solid socket.
Handle Type: MYD metal framed.
Shaft: hardwood.
Blade material: carbon-manganese steel.
Blade size: (W)140mm x (H)270mm.
Overall length: 975mm.


S11322

Type: solid socket.
Handle Type: MYD metal framed.
Shaft: metal.
Blade material: carbon-manganese steel.
Blade size: (W)140 x (H)280mm.
Overall length: 980mm.


new

Product Number	Order Code
S11332	-7823D
S11312	-7793D
S11322	-7813D

Asphalt & Tarmac Rakes

Tubular steel handle, long tang and solid steel painted head with 16 flat teeth for evenly spreading loose stocks of tarmac and asphalt.

S31424

Asphalt Rake
16 Flat Teeth
Head width: 406mm.
Overall length: 1780mm.

S32424

Tarmac Rake
16 Round Teeth
Head width: 406mm.
Overall length: 1780mm.



Product Number	For Use With	Order Code
S31424	Asphalt	-7861B
S32424	Tarmac	-7862C

PRODUCTS ARE ONLY AVAILABLE VIA YOUR DISTRIBUTOR

SITESAFE Pick Axe
Handles

Manufactured to BS 3823. Overall length: 950mm (36").

S71440 - Economy

Made from genuine hickory with a waxed finish.

S71410 - Grade 1 Hickory

Handle to fit standard pick axe or mattock eye. Hickory shaft fitted with a plastic head designed for increased grip in the eye of the pick axe or mattock head once fitted.



Product Number	Order Code
S71440	-6511B
S71410	-6512C

Pick Axe Head

S72004

A solid eye navy pick head with chisel and point for the breaking of concrete.



Product Number	Weight each	Order Code
S72004	3.18kg (7lb)	-6510A

Post Hole Auger

S63124

Provides an easy non-mechanical means of creating holes when erecting fencing posts. When rotated in a clockwise direction the 150mm diameter thread bores a hole into the soil or clay, with an optional hole depth to suit the length of the post to be secured.

Overall length: 1100mm
Blade size: 340 x 160mm diameter.
Weight: 3.35kg



Product Number	Order Code
S63124	-6567C

Post Hole Diggers

Post hole diggers have a steel oval mouth shovel blade which are hinged in opposition for easy use and soil removal. A closure stop on the shafts keeps the blades in parallel when driving downward into the ground creating a neat post hole while minimising the need for backfill.

S64424

Scissor action

Overall length: 1730mm.
Blade size: 360 x 220mm.
Max. opening: 550mm.



Product Number	Weight each	Order Code
S64414	1.15kg	-6565A
S64424	6.50kg	-6566B

Post Hole Bar - Chisel End

S62424

Steel Post hole digging bar manufactured from high grade heat treated steel bar with one chisel point and one tamper head. The post hole digger has a 60mm mushroom head at one end and a bevelled chisel edge at the other. It is frequently used for digging small holes in earth.

Overall length: 1800mm.
Blade size: 230 x 60mm.
Weight: 8.00kg



Product Number	Order Code
S62424	-6568D

COTSWOLD
BRUSHWARE & CLEANING

Tar Bucket

10ltr galvanised 'V' lipped bucket with hooped top for extra strength. With side handle.



Capacity	Weight each	Order Code
10ltr	1.90kg	-4100K

Tar Brushes

For use with tar, creosote, whitewash etc. All with 80mm (3 1/8") heads.

Short handle length: 300mm (12").



Weight each	Order Code
130g	-1010K

Fencing Maul

S61414

The specially shaped 'over-sized' head is designed to drive home fence posts. It is fitted with a 900mm (36") hickory handle for shock resistance.

Overall length: 950mm.
Head size: 115 x 130mm diameter.
Weight: 5.40kg



Product Number	Order Code
S61414	-3810A

Post Rammer

S65424

All-steel post rammer is the ideal tool for driving posts into the ground. Safer and more accurate than using a sledge or club hammer.

Length: 710mm (28").
Maximum post capacity: 150mm (6") diameter.



Product Number	Weight each	Order Code
S65424	14.5kg	-6569E

SITESAFE Floor Scraper

S41411

Used for removing grease and dirt from workshop floors, preparation areas and shopping arcades etc. The steel blade is designed not to damage tiled flooring or laminates and is fitted with fibreglass handles for strength and easy sterilisation.

Overall length: 1480mm.
Blade size: 210 x 100mm.
Weight: 1.15kg.



Spare blades

S41001

Stainless steel to suit floor scrapers.
Five hole old type.



Product Number	Order Code
S41411	-3863A
S41001	-3863D

Roofing Scraper

S42414

The heavy duty roofing scraper. One-piece solid steel forged blade and wooden handle. The scraper can be re-sharpened with a hand file. Ideal for heavy duty scraping including roofing felt removal, chopping, paint removal and digging or cutting tree roots.

Overall length: 1640mm.
Blade size: 240 x 170mm.
Weight: 2.60kg.



Product Number	Order Code
S42414	-7120A

CONTRACTOR'S TOOLS

GROUP
522

Earth Rammer

S51424

Square head supplied with tubular steel metal shaft. Used for compacting areas of tarmac or asphalt or for tamping down backfill during the erection of fence posts.

Overall length: 1280mm.
Blade size: 130 x 130 x 25mm.
Weight: 4.50kg.



Product Number	Order Code
S51424	-3520A



HAND TOOLS

RUTLAND Snow Shovels & Ice Breaker

Manufactured from impact resistant ABS plastic with a hard wood shaft and plastic D-grip handle. They incorporate a moulded recess in each shovel pan for easy stacking.

Hardwood Shaft

Small

Overall length: 345 x 310 x 850mm.

Medium

Overall length: 395 x 309 x 1170mm and has a metal wear strip.

Large

Overall length: 465 x 370 x 1200mm and has a metal wear strip.



Unique Stacking



Shovel Type	Order Code
Small	-8110K
Medium	-8120K
Large	-8130K

Aluminium Shaft

Lightweight aluminium shaft with a plastic sleeve and has a metal wear strip.

Dimensions (W x D x H): 465 x 370 x 1300mm.

Telescopic

This small shovel is ideal when clearing small surfaces. It is light and strong with a telescopic shaft which is perfect to be used as a car shovel.

Dimensions (W x H): 310 x 700 - 840mm.



Suitable for
**SNOW,
SAND,
GRAIN
ETC.**

Shovel Type	Order Code
Telescopic	-8270K
Aluminium	-8290K

Ice Breaker

Designed to break up ice and compacted snow, robust steel blade fitted with a wooden shaft and plastic PY handle. Once the compacted snow or ice has been broken up, a snow shovel can be used to move the loosened snow/ice.

Dimensions (W x D x H): 180 x 50 x 1050mm.



Order Code
RTL-522
-8310K

PRODUCTS ARE ONLY AVAILABLE VIA YOUR DISTRIBUTOR

Can be used for left or right handed operation. Spray lance with locking trigger and four adjustable nozzles, that clips onto handle for storage. Pressurising pump handle with grip and storage loop. Pressure release valve. Adjustable webbing shoulder straps.



Size	Weight each	Order Code RTL-523
16ltr	3.50kg	-4300K
20ltr	4.00kg	-4280K

16ltr capacity

Blow-moulded container with filter and fluid level graduations.

**20ltr capacity**

Blow-moulded container with filter and fluid level graduations long reach.

Double conical
spray headConical
spray headFan style
spray head4 Hole adjustable
spray head**Pressure
Sprayer**

5ltr capacity blow-moulded container with fluid level graduations. Spray lance with trigger and adjustable nozzle. Pressure release valve. Adjustable webbing shoulder strap.



Capacity	Weight each	Order Code RTL-523
5ltr	1.11kg	-4320K

Hand Sprayer

High quality hand held sprayer manufactured from ABS plastic which is both shatter-proof and frost-resistant. For use with chemicals around the garden.



Capacity	Weight each	Order Code RTL-523
1.5ltr	360g	-4360K

Galvanised Watering Cans

Removable brass rose head. With reinforced nozzle and side handle.



Capacity	Weight each	Order Code RTL-523
8ltr	1.3kg	-4800K

Trigger Hand Sprayer

Manufactured from polyethylene these robust trigger spray dispensers are suitable for many home and garden applications, will dispense various water based detergents, insecticides, soluble plant food, solvents and cleaning agents.



Capacity	Weight each	Order Code RTL-523
500ml	75g	-4900K
740ml		-4920K
1000ml		-4940K

Gardener's Kneeling Pad

Designed for ease of use and user comfort, lightweight and durable with single grab handle. Manufactured from easy to clean water-resistant dense EVA foam, 18mm thick.

Dimensions: 180 x 406 x 18mm.



Material	Weight each	Order Code RTL-523
EVA Foam	121g	-9700K

Plastic Watering Can

Removable plastic rose.



Capacity	Weight each	Order Code RTL-523
10ltr	452g	-4840K

Coil Hose Sets

These hose coil sets come complete with a seven pattern spray gun, heavy duty snap action connectors and a threaded tap connector. It is light in weight, does not kink or tangle and provides superior waterflow control. Spray patterns:

- Soaker.
- Mist.
- Shower.
- Jet.
- Flat.
- Centre.
- Cone.

30m

**3
PIECES**

Size

 Order Code
RTL-523

30m

-3960K

Garden Hose Set

Standard reinforced garden hose, bore size 13mm. Complete with snap action spray nozzle, female water stop, female fitting and universal tap connector.

30m

**5
PIECES**

Size

 Order Code
RTL-523

30m

-4120K

Hose Reel Set

This hose reel comes complete with 15m hose and fittings. It is easy to assemble - snap and click, needs no tools and with added hose can store up to 60m of 13mm hose.


**8
PIECES**
15m

Size

 Order Code
RTL-523

15m

-4140K

WATER & GARDEN ACCESSORIES

**GROUP
523**

Hose Tidy

This wall mounting bracket provides a tidy solution to the storage of garden hose and fittings. Hose and fittings not supplied.


 Order Code
RTL-523
-4090K

Garden Hoses

Multi-purpose three layer braided garden hose. Bore size 13mm.



Size

 Order Code
RTL-523

30m

-4020K

50m

-4040K

Hose Reel Set

This hose reel set comes complete with 30m hose and fittings. It is easy to assemble - snap and click, needs no tools. It can store up to 45m of 16mm hose or 60m of 13mm hose.


**8
PIECES**
30m

Size

 Order Code
RTL-523

30m

-4080K
PRODUCTS ARE ONLY AVAILABLE VIA YOUR DISTRIBUTOR

RUTLAND
Quality Gardening Tools

Spray Nozzle Starter Set

Four piece spray nozzle set with nozzle, water stop hose connector, hose connector and tap adaptor.

**4
PIECES**



Weight
each
127g

Order Code
RTL-523
-4160K

Adjustable Hose Nozzle

Spray nozzle is adjusted by twisting one part of the body against the other to get the shape/strength of flow required.



Weight
each
47g

Order Code
RTL-523
-4600K

Brass Outdoor Tap Set

A quick inexpensive, and effective way of fitting an outside tap. Kit includes screws and plugs, self cutting tap, supply hose, garden tap and pipe clips.

**5
PIECES**



Weight
each
760g

Order Code
RTL-523
-9550K

1/2" Water Stop Hose Connector

Water stop valve to cut off supply as soon as the connection is disconnected and is ideal for connecting to implements.



Weight
each
35g

Order Code
RTL-523
-4580K

Universal Tap Connector

This male snap action connector can be attached to any tap with either a 1/2" or 3/4" BSP fitting.



Weight
each
23g

Order Code
RTL-523
-4530K

Clamp-on Tap Connector

This male snap action tap connector has a flexible coupler on the other end which fits most taps and is then tightened onto the tap by twisting the butterfly screw.

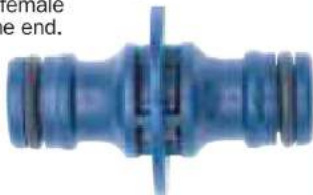


Weight
each
47g

Order Code
RTL-523
-4500K

2 Way Male Snap Action Connector

This fitting is for connecting two hoses with both having female fittings on the end.



Order Code
RTL-523
-4460K

Multi-purpose Tap Connector

This male snap action connector is for connecting a hose onto most modern taps, including mixers.



Weight
each
81g

Order Code
RTL-523
-4540K

Large Square Mixer Tap Connector

Fits large or square taps, fits direct to hose.
Fits 13mm hose.



Weight
each
180g

Order Code
RTL-523
-9560K

Hose Reels



See page
407

Hose End Connector

This fitting is for use on the end of the hose which connects to the supply.



Weight
each
34g

Order Code
RTL-523
-4520K

13mm (1/2") Hose Joiner

This fitting is used for either mending or joining hoses.



Weight
each
31g

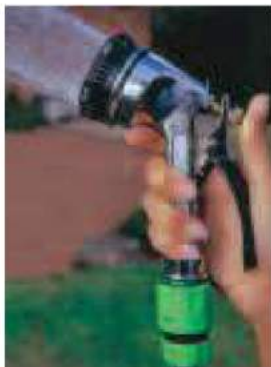
Order Code
RTL-523
-4480K

6 Pattern Chromed Spray Gun

Heavy duty chrome spray gun, designed to be used for all gardening and general purpose tasks.

Spray settings:

- Soaker.
- Shower.
- Jet.
- Flat.
- Mist.
- Cone.


6
 PATTERN

 Order Code
RTL-523
-9260K
Brass Spray Gun

This spray gun is easy to control and has a locking trigger, comfort grip and snap action fitting.


 Weight
 each
 345g

 Order Code
RTL-523
-4220K
Spray Gun

This seven pattern spray gun has a comfort grip, locking trigger and snap action connector.

Spray settings:

- Soaker.
- Shower.
- Circle.
- Jet.
- Flat.
- Mist.
- Cone.


7
 PATTERN

 Weight
 each
 170g

 Order Code
RTL-523
-4240K
Chrome Spray Gun

This heavy duty spray gun has six spray patterns, is easy to control with a comfortable grip, locking trigger and snap action connector.

Spray settings:

- Shower.
- Centre.
- Stream.
- Flat.
- Mist.
- Full.


6
 PATTERN

**HEAVY
DUTY**

 Weight
 each
 386g

 Order Code
RTL-523
-4230K
Spray Lance

This spray lance has a pivoting head and telescopic body, making it an invaluable asset when watering hanging baskets, window boxes etc. in any location. The telescopic arm expands from: 90cm (36") to 135cm (53").

Spray settings:

- Soaker.
- Shower.
- Centre.
- Jet.
- Flat.
- Mist.
- Cone.


 Weight
 each
 230g

 Order Code
RTL-523
-4440K

7
 PATTERN

 EXTENDS
 TO
 135cm

Spray Gun Set

This spray gun set comprises: Six pattern spray gun with locking trigger and snap action connector, female water stop, female fitting and universal tap connector.

Spray settings:

- Shower.
- Centre.
- Stream.
- Flat.
- Mist.
- Full.

4
 PIECES

 Weight
 each
 197g

 Order Code
RTL-523
-4200K

This oscillating sprinkler has a gear drive operation for even, gentle lawn watering. Coverage levers enable easy adjustment to your required oscillation width, giving a coverage of about 200m² (depends on water pressure, length and bore of hose).


 Weight
 each
 560g

 Order Code
RTL-523
-4400K
Impulse Sprayer

This sprinkler has a minimal footprint for lawn protection, fully adjustable distance and spray pattern with full or part circle operation and a spray coverage of up to 24m².


 Weight
 each
 490g

 Order Code
RTL-523
-4380K

RUTLAND
 Quality Gardening Tools

**Heavy Duty
Garden Bag**

170ltr capacity garden bag with a unique strengthener around the mouth and three handle design. Tough woven polyethylene fabric with tear resistant stitching for longer usage. UV treated for extra long life and stays rot-proof for years.


 Order Code
RTL-523
-9800K
Lightweight Garden Bag

170ltr capacity garden bag with two handles. Made from rot-proof woven polyethylene fabric with tear resistant stitching for durability.


 Weight
 each
 220g

 Order Code
RTL-523
-4700K
Polypropylene Bulk Bag

Used to ship or store a wide variety of bulk materials. Suitable for: building materials, cement, food ingredients, mineral and quarried products, seed, fertiliser, salt, potatoes and garden waste. Safe working load (SWL): 1000kg. Supplied with test certificate.


 Size (mm)
 (W x L x H)
 850 x 850 x 870

 Order Code
RTL-523
-4740K
Blue Rubble Sacks

Extra strong recycled polythene refuse sacks. Suitable for garden and building site use.

Size (W x L): 460 x 740mm (18" x 29").


 Pack
 Quantity
 7
 100

 Order Code
RTL-523
-4760K
-4770K
Flexible Gardening Bucket

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
42ltr	200g	RTL-523 -4880K

**SITESAFE Flexible
Builder's Buckets**


Extremely versatile and virtually indestructible. It can be used for mixing plaster or cement, moving rubble and countless other jobs.



Colour	Size	Order Code
		SSF-512
Yellow	26ltr	-2980K
	40ltr	-3000K
	75ltr	-3040K
Blue	26ltr	-3080K
	42ltr	-3100K



RUTLAND
Quality Gardening Tools

Pop-up Gazebo Shelter

Measuring 3m x 3 x 2.6m when assembled, this pop-up gazebo has a steel frame and waterproof 250g polyester PVC coated cover. Comes complete with guide ropes, pegs, weight bags, wind bar and carrying holdall. Ideal for shelter from the sun or light rain but do not use during extremely windy conditions. Side panels not included - sold separately through order code RTL-984-2520K.

Packed size (W x H x D):
1240 x 205 x 205mm.



Product Number	Weight	Order Code
FGS300	15kg	RTL-984 -2500K

4 Piece Side Panel for Gazebo Shelter

Set of four sides for use with RTL-984-2500K gazebo shelter. Made of 140g polyester with hook and loop fixing straps for easy attachment. Large PVC arched windows on two sides to maximise natural light and zipped doors on other two sides for easy access.



Product Number	Weight	Order Code
SP4-FGS	16kg	RTL-984 -2520K



Weed Control Matting

An organic method of suppressing weeds in your garden or allotment and under decking or patios. The fabric lets water drain through whilst stopping the light that's essential to plant growth.

Standard Duty: spun bound polypropylene. 50gsm fabric.



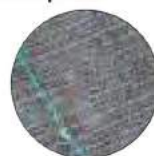
Plastic Pegs



Size	Order Code
1.0 x 20m	RTL-523 -5100K
Pegs (Pk of 10)	-5500K
Pegs (Pk of 50)	-5540K

Heavy Duty: woven polypropylene 100gsm fabric.

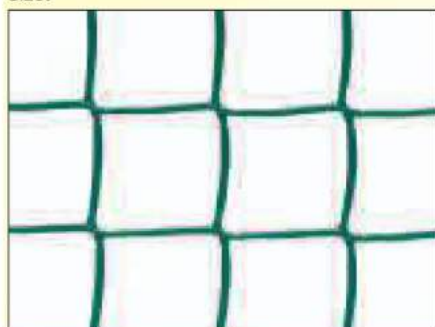
Printed with a 250mm grid, for lining up plants and pots.



Size	Order Code
1.0 x 12m	RTL-523 -4980K
Pegs (Pk of 10)	-5500K
Pegs (Pk of 50)	-5540K

Plastic Garden Fencing

Maintenance free and does not rot or rust, is strong and UV stabilised and is resistant to weed killers and fertilisers. Can be cut to size.



Roll Size	Order Code
1.0 x 10m	RTL-523 -5300K



PRODUCTS ARE ONLY AVAILABLE VIA YOUR DISTRIBUTOR

**Fibreglass Shaft**

With textured slip resistant rubber grip. Shaft and grip combine to dampen the impact transmitted through to the user's hand and wrist. Reduces operator fatigue and the risk of RSI (Repetitive Strain Injury). The high strength of the shaft and head bond make the hammer virtually unbreakable.



Head Size	Length (mm)	Weight per 6	Order Code
16oz	330	4.80kg	KEN-525
20oz	330	5.60kg	-4460K
			-4480K

Solid Steel Shaft

High strength all steel construction with slip resistant and shock absorbing textured rubber grip for improved user comfort and control.



Head Size	Length (mm)	Weight per 6	Order Code
16oz	315	5.00kg	KEN-525
20oz	315	8.30kg	-4420K
			-4430K

Hickory Shaft

With fine grain, forged steel head, hardened and tempered with polished face.



Head Size	Length (mm)	Weight per 6	Order Code
16oz	332	2.70kg	KEN-525
20oz	350	4.80kg	-4160K
24oz	335	5.20kg	-4200K
			-4240K

**Fibreglass Shaft**

Used for general purpose carpentry, particularly for driving and removing nails. With drop forged steel head and hardened and tempered face. Textured rubber grip handle.



Head Size	Length (mm)	Weight per 6	Order Code
16oz	330		SEN-525
			-4460K

Wood Shaft

Used for general purpose carpentry, particularly for driving and removing nails. With drop forged steel head and hardened and tempered faces.



Head Size	Length (mm)	Weight per 6	Order Code
16oz	330	4.25kg	SEN-525
			-4060K

**Tool Tethers,
Lanyards & Accessories**Group **596****Tubular Steel Shaft**

With textured slip resistant rubber grip. Dampens the impact transmitted through to the user's hand and wrist.



Head Size	Length (mm)	Weight per 6	Order Code
16oz	325	5.30kg	KEN-525
20oz	325	5.40kg	-4360K
			-4400K

Hardwood Shaft

With fine grain, forged steel head, hardened and tempered with polished face.



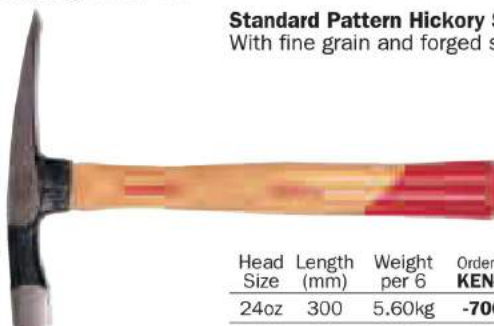
Head Size	Length (mm)	Weight per 6	Order Code
16oz	335	4.20kg	KEN-525
20oz	325	4.80kg	-4060K
			-4100K



For setting, dressing and splitting bricks, tiles, concrete blocks, chipping mortar etc.

Standard Pattern Hickory Shaft

With fine grain and forged steel head.



Head Size	Length (mm)	Weight per 6	Order Code
24oz	300	5.60kg	KEN-525
			-7060K

Standard Pattern Tubular Steel Shaft

With textured slip resistant rubber grip. Dampens the impact transmitted through to the user's hand and wrist.



Head Size	Length (mm)	Weight per 6	Order Code
20oz	290	6.40kg	KEN-525
			-7070K

Fibreglass Shaft

With textured slip resistant rubber grip. Shaft and grip combine to dampen the impact transmitted through to the user's hand and wrist. Reduces operator fatigue and the risk of RSI (Repetitive Strain Injury).



Head Size	Length (mm)	Weight per 6	Order Code KEN-525
1/2lb	275	3.20kg	-3400K
3/4lb	275	3.20kg	-3430K
1lb	350	3.80kg	-3450K
1 1/2lb	400	6.00kg	-3470K
2lb	400	7.20kg	-3500K

Engineer's Ball Pein Hammers

Ball pein hammers are manufactured from high-grade drop forged steel fully heat-treated. Ideal for use with cold chisels, punches, rivets and for the shaping of metal. They are available with a hardwood, hickory, fibreglass or tubular steel shaft.

Hardwood Shaft

With fine grain, forged steel head, hardened and tempered with polished faces.



Head Size	Length (mm)	Weight per 6	Order Code KEN-525
1/4lb	255	1.00kg	-1020K
1/2lb	295	2.20kg	-1050K
3/4lb	295	2.90kg	-1070K
1lb	350	3.80kg	-1100K
1 1/2lb	395	5.90kg	-1150K
2lb	400	7.20kg	-1200K
2 1/2lb	415	6.00kg	-1250K
3lb	400	10.70kg	-1300K

Pin Ball Pein Hammer
Hickory Shaft

With fine grain, forged steel head, hardened and tempered with polished faces. For light applications.



Head Size	Length (mm)	Weight per 6	Order Code KEN-525
4oz	320	5.90kg	-8050K

Hickory Shaft

Manufactured from finest quality drop forged steel, hardened and tempered with ground and polished faces.



Head Size	Length (mm)	Weight per 6	Order Code SEN-525
1/2lb	300	2.05kg	-2050K
1lb	350	3.55kg	-2100K
1 1/2lb	400	6.00kg	-2150K
2lb	400	6.75kg	-2200K


Hickory Shaft

With fine grain, forged steel head, hardened and tempered with polished faces.



Head Size	Length (mm)	Weight per 6	Order Code KEN-525
1/4lb	275	1.00kg	-2020K
1/2lb	295	2.20kg	-2050K
3/4lb	295	3.00kg	-2070K
1lb	350	3.80kg	-2100K
1 1/2lb	385	6.10kg	-2150K
2lb	395	7.20kg	-2200K
2 1/2lb	400	8.30kg	-2250K

Machinist's Hammers

Machinists hammers suitable for use on metal. Manufactured to European **DIN 1041** standard.



Head Size	Length (mm)	Weight each	Order Code KEN-525
0.5kg	320	583g	-7420K
0.8kg	350	984g	-7440K
1.0kg	360	1227g	-7460K
1.5kg	380	1850g	-7470K
2.0kg	400	2400g	-7480K

Engineer's Ball Pein Hammers
Tubular Steel Shaft

With textured slip resistant rubber grip. Dampens the impact transmitted through to the user's hand and wrist.



Head Size	Length (mm)	Weight per 6	Order Code KEN-525
1lb	320	4.60kg	-3650K

KENNEDY
QUALITY INDUSTRIAL TOOLING**Cross Pein Hammers**

Cross pein hammers are traditionally used by joiners and fitters. Cross pein can be used for setting pins and nails prior to 'driving home' with the flat faced pein.

Hickory Shaft

Hardened and ground forged steel head with polished striking face securely fixed to a close grain hickory shaft. Shaped to fit comfortably in the hand. Tapered head is suitable for use with small pins, helps reduce over-strike.



Head Size	Length (mm)	Weight per 12	Order Code KEN-525
3 1/2oz	320	2.40kg	-8030K

'Pin' Hardwood Shaft

Hardened and ground forged steel head with polished striking face securely fixed to a close grain hardwood shaft. Shaped to fit comfortably in the hand. Tapered head is suitable for use with small pins, helps reduce over-strike.



Head Size	Length (mm)	Weight per 6	Order Code KEN-525
3 1/2oz	325	3.20kg	-8040K

Warrington Hardwood Shaft

Close grained hardwood shaft shaped to comfortably fit in the hand. Forged steel head with ground and polished striking face.



Head Size (oz/No)	Lgth (mm)	Weight per 6	Order Code KEN-525
8/0	280	1.30kg	-8080K
10/1	290	2.50kg	-8100K
12/2	300	3.00kg	-8120K
14/3	325	3.50kg	-8140K

Welder's Chipping Hammers

Scaling and chipping hammers. For boiler scaling, weld dressing etc.

Hardwood Shaft

Manufactured from tempered and hardened steel, chisel and point striking faces with close grain hardwood handle.



Head Size	Length (mm)	Weight per 6	Order Code KEN-525
12oz	290	3.00kg	-7120K

Spring Steel Shaft

Hardened and tempered steel head chisel edge and point striking faces with epoxy coating. Spring steel impact absorbing handle for user comfort.



Head Size	Length (mm)	Weight per 6	Order Code KEN-525
7oz	280	3.80kg	-7220K

Scutch Hammer**Hickory Shaft**

Double bit type. Suitable for dressing brick and stone work prior to rendering. Fine grain, forged steel head, hardened and tempered with polished faces. Replaceable plain and comb style bits included.



Head Size	Length (mm)	Weight per 6	Order Code KEN-525
22oz	250	5.10kg	-6540K

Club Hammers

Club (or lump) hammers are fully forged and heat treated with flat face and chamfered edge for use with cold chisels, brick bolsters, star drills and masonry nails.

Fibreglass Shaft

With textured slip resistant rubber grip. Shaft and grip combine to dampen the impact transmitted through to the user's hand and wrist. Reduces operator fatigue and the risk of repetitive strain injury (RSI).



Head Size	Length (mm)	Weight each	Order Code KEN-525
2 1/2lb	270	2.75kg	-5720K
3lb	265	3.15kg	-5740K
4lb	270	4.00kg	-5760K

Hickory Shaft

With fine grain, forged steel head, hardened and tempered with polished faces.



Head Size	Length (mm)	Weight each	Order Code KEN-525
2 1/2lb	330	2.40kg	-5250K
3lb	265	2.75kg	-5300K
4lb	265	3.60kg	-5400K

Magnetic Upholsterer Hammer**Hickory Shaft**

For holding and driving tacks.



Head Size	Length (mm)	Order Code KEN-525
7oz	270	-7550K

Double faced sledge hammers are fully forged and heat-treated. Ideal for use on spikes, stakes, cold chisels and hardened nails. They are available with a hickory or fibreglass shaft.


-5840K

-5940K
**Fibreglass Shaft
(BS 876 Sledge Hammers)**

Dampens the impact transmitted to the user's hand and wrist.
 Tested to the requirements of **BS 876: 1981** (head stamped **BS 876**).

Hickory Shaft

With fine grain, forged steel head, hardened and tempered with polished faces.

Head Size	Length (mm)	Weight each	Order Code
KEN-525			
Fibreglass Shaft (BS 876 Sledge Hammers)			
4lb	350	2.20kg	-5840K
7lb	900	3.80kg	-6180K
10lb	910	5.30kg	-6190K
14lb	910	7.40kg	-6200K
Hickory Shaft			
4lb	350	2.10kg	-5940K
7lb	900	3.80kg	-6070K
10lb	900	5.40kg	-6100K
14lb	900	7.30kg	-6140K

KENNEDY Camp Axe
QUALITY INDUSTRIAL TOOLING

One piece solid steel shaft with rubber grip. Supplied with protective head cover.

Overall length: 345mm.



Head Size (oz/g)	Weight per 6	Order Code
20/566	6.20kg	-9090K

Chopping Axe

Heat treated tubular steel shaft with rubber grip. Drop forged polished and lacquered head. Supplied with protective head cover. Belt slits in head cover offer hands free storage whilst in transit.

Overall length: 335mm.



Head Size (oz/g)	Weight per 6	Order Code
16/453	5.40kg	-9110K

Riggers Hatchet

One piece solid steel shaft with rubber grip. With a sharp cutting edge and chequered face.

Overall length: 430mm.



Head Size (oz/g)	Weight per 6	Order Code
28/795	7.20kg	-9140K

Felling Axe

Suitable for felling small trees, chopping off branches and splitting logs. High quality tool steel blade, polished and lacquered. Finely sanded hickory handle, shaped for maximum user comfort. Part painted head and handle for durability. 900mm hickory shaft. 2 1/2" x 3/4" eye.



Head Size (lb)	Length (mm)	Weight per 6	Order Code
4 1/2	900	23.0kg	-9130K

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GROUP 525 HAMMERS

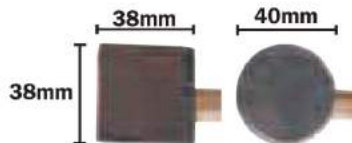
KENNEDY Bumping Hammers
QUALITY INDUSTRIAL TOOLING

Highly polished striking heads and cheeks. One square and one round face. The most popular general purpose panel beating hammer. Hickory shaft. Manufactured to **BS 4114**.

Flat Faced

For straightening thicker gauge metals where a reasonable striking force is needed.

Length: 325mm.

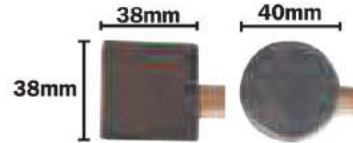


Head Size	Weight Per 6	Order Code
340g	2.60kg	-7250K

Crown Faced

As above but with crowned face.

Length: 325mm.

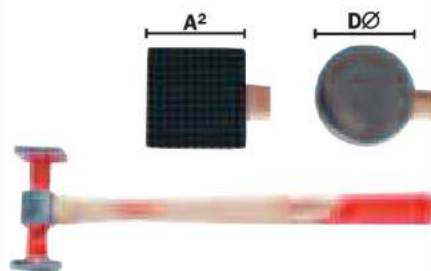


Head Size	Weight Per 6	Order Code
340g	2.60kg	-7260K

Shrinking Hammers

Highly polished striking heads and cheeks. One flat round face and one milled, serrated square face. Hickory shaft. Manufactured to **BS 4114**. Specially designed for panel beating on slightly stretched areas of metal. The cross milled face forces small amounts of metal into the spaces created.

Sizes: 325mm (except -7300K = 345mm).



L (mm)	A² x DØ (mm)	Head Weight	Order Code
100	37 x 40	320g	-7280K
95	35 x 40	390g	-7290K
110	40 x 48	450g	-7300K

Reverse Curve Finishing Hammer

Highly polished striking heads and cheeks. The high crowned radius faces have a convex surface suitable for work on concave and recessed panels. The short head is ideal for use in confined areas. Hardwood shaft.

Length: 325mm.



Head Size	Weight Per 6	Order Code
320g	2.30kg	-7310K

Finishing Picks

Highly polished striking heads and cheeks. With crowned faces. Will remove low spots when metal finishing. Hardwood shaft and finishing beater. Manufactured to **BS 4114**.

Curved Pein Panel Beater

Medium weight for general use where access is difficult.

Length: 325mm.



Head Size	Weight Per 6	Order Code
10oz	2.70kg	-7320K

Straight Pein and Finishing Panel Beater

Medium weight for general use.

Length: 325mm.



Head Size	Weight Per 6	Order Code
10oz	2.70kg	-7330K

Round Pick and Finishing Panel Beater

Medium weight with crowned face designed to remove high spots. Hickory shaft.

Length: 325mm.



Head Size	Weight Per 6	Order Code
9oz	2.40kg	-7340K



Plastic Mallets

Ultra high molecular weight polythene mallet heads, suitable for high impact applications. With solid wooden shafts.

Tinmens - Cylindrical



Bossing - Pear Shaped



Product Number	Face Ø (mm)	Weight each	Order Code
Tinmens - Cylindrical			
23-8112	40	180g	-0370A
23-8114	45	240g	-0371C
23-8116	50	325g	-0372E
23-8119	60	490g	-0373G
23-8122	70	650g	-0374J
23-8126	80	950g	-0375L
Bossing - Pear Shaped			
23-8898SP	50	200g	-0378S
23-8899SP	60	290g	-0379V
23-8900SP	70	420g	-0380B

Bossing Mallets

Delivers the necessary blow to shape sheet metal and still made to the exacting standards.



Head Dia. (mm)	Weight each	Order Code
40 (1½")	130g	-2500K
50 (2")	370g	-2520K
75 (3")	452g	-2560K



THOR HAMMER
Hammers & Mallets

Rubber Mallets

Standard: All purpose mallet used widely for automotive, industrial, DIY and camping etc.



Product Number	Face (mm)	Length (mm)	Weight each	Order Code
61-951	40	265	150g	-0430N
61-952	54	315	325g	-0431P
61-953	64	340	525g	-0432Q
61-954	74	380	600g	-0433R
61-957	90	380	900g	-0434S



White: Will not leave marks on work surfaces. Suitable for woodworking, window frame manufacturers, shop fitters and car trim etc.

Product Number	Face (mm)	Length (mm)	Weight each	Order Code
61-952W	54	315	300g	-0446E
61-953W	64	315	300g	-0448G
61-954W	74	380	725g	-0450J
61-957W	90	380	1125g	-0452L

Solid Copper Mallet

99.9% pure copper. These mallets provide a firm positive blow without the risk of damage to expensive components.



Ideal for positive blows on highly finished or closely ground machined parts in the aircraft, automotive or shipping industries.

Also used by tool and gauge makers.

Product Number	Face (mm)	Length (mm)	Weight each	Order Code
24-5704	30	290	930g	-0479L

Due to the fluctuating price of **COPPER**, SURCHARGES may apply

Rawhide Mallets

Rawhide head with solid wooden handle.



Product Number	Face Ø (mm)	Length (mm)	Weight each	Order Code
02-108	25	250	60g	-0130G
02-110	32	250	115g	-0131H
02-112	38	280	170g	-0132J
02-114	44	305	225g	-0133K
02-116	50	305	340g	-0134L
02-120	63	340	570g	-0135M
02-122	70	340	680g	-0136N

Laminated Compressed Wood Mallets

Compressed and laminated wooden mallet head with flush fitting glass fibre hoops to prevent the head from splitting.



Product Number	Face Ø (mm)	Length (mm)	Weight each	Order Code
62-8050	48	290	300g	-0341B
62-8060	58	320	525g	-0342C
62-8070	67	360	750g	-0343D

HAMMERS

GROUP
525



KENNEDY
QUALITY INDUSTRIAL TOOLING

Rubber Mallets

Soft faced for use where steel hammers would mark the surface. Provide a gentle but firm blow with little rebound. Solid hickory shafts.



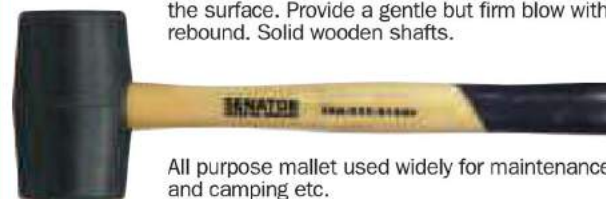
All purpose mallet used widely for automotive, industrial, DIY and camping etc.

Face (mm)	Head Size (oz)	Length (mm)	Weight Per 6	Order Code
42	8	280	1.80kg	-9120K
55	16	315	3.30kg	-9160K
65	24	300	4.80kg	-9180K

SENATOR
QUALITY TOOLING

Rubber Mallet

Soft faced for use where steel hammers would mark the surface. Provide a gentle but firm blow with little rebound. Solid wooden shafts.



All purpose mallet used widely for maintenance, DIY and camping etc.

Face (mm)	Head Size (oz)	Length (mm)	Weight Per 6	Order Code
55	16	300	3.10kg	-9160K

DeadBlow™ Hammer

Polyurethane. Inside hammer head are steel pellets which impact a split second after the hammer face, reducing rebound.



Face (mm)	Head Size (oz)	Length (mm)	Weight Per 6	Order Code
50	28	320	4.75kg	-9460K

SAFEBLOWER

SafeBlower™ Hammers

With solid steel bar shaft and hollow head.

Inside the polyurethane moulded hammer head are thousands of steel pellets which impact a split second after the hammer face, reducing rebound whilst also adding to the force of the blow.



Face (mm)	Head Size (oz)	Length (mm)	Weight each	Order Code
33	14	280	0.45kg	-9420K
43	20	300	0.60kg	-9440K
48	28	350	0.80kg	-9460K
53	38	350	1.00kg	-9480K
68	45	375	1.25kg	-9500K

2 Piece SafeBlower Set

Contents	Weight each	Order Code
14 & 28oz	1.25kg	-9550K

PRODUCTS ARE ONLY AVAILABLE VIA YOUR DISTRIBUTOR



Hard nylon faced hammer with two screw-on all purpose striking faces for light and heavy duty applications. Chrome plated head with a fully moulded polypropylene shaft with soft feel dual material grip.

Overall length: 305mm.



Group 597



Face Ø (mm)	Weight each	Order Code KEN-527
32	435g	-3040K
38	627g	-3060K
44	800g	-3080K
50		-3100K

Replaceable Hard Nylon Hammer Faces

Replaceable hard nylon face with thread. All purpose face suitable light and heavy duty applications. To suit nylon faced hammers and safeblow hammers.



Face Ø (mm)	Weight each	Order Code KEN-529
32	15g	-3040K
38	20g	-3060K
44	40g	-3080K
50	50g	-3100K



Chrome plated head with two screw on nylon striking faces.



Product Number	Face Ø (mm)	Length (mm)	Weight each	Order Code THO-527
Wooden Handle				
12-708N	25	250	250g	-0320N
12-710N	32	270	450g	-0321P
12-712N	38	270	675g	-0322Q
12-714N	44	310	900g	-0323R
12-716N	50	325	1250g	-0324S
12-720N	63	355	1700g	-0325T
Plastic Handle				
11-710	32	300	450g	-0203D
11-712	38	310	675g	-0205F
11-714	44	310	900g	-0207H
11-716	50	350	1020g	-0208S

Thorex Plastic Faced Hammers

Chrome plated head with two screw on medium hardness plastic striking faces. Polyurethane shaft with non-slip textured PVC grip. Available with a nylon handle with a non-slip textured PVC grip or a wooden handle.



Product Number	Face Ø (mm)	Length (mm)	Weight each	Order Code THO-527
Wooden Handle				
07-406	19	250	150g	-0200A
07-408	25	250	250g	-0201B
Plastic Handle				
07-410	32	280	450g	-0202C
07-412	38	290	675g	-0204E
07-414	44	305	900g	-0206G
07-416	50	305	1250g	-0208J

Spare Striking Faces

For the Thorex nylon faced hammers. Easy to change, simply screw in. The striking faces are colour coded to allow easy identification of material type and hardness.

Orange: polyurethane plastic medium hardness shore D45-55.

Yellow - extra hard: ABS Rockwell R103: extra hard faces for specialist applications only e.g. setting copper armatures.



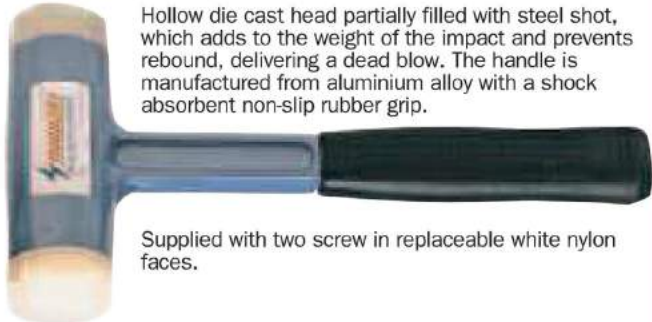
Product Number	Face Ø (mm)	Weight Per 10	Order Code THO-529
Orange - Medium Hard			
73-406PF	19	40g	-0215K
73-408PF	25	70g	-0217M
73-410PF	32	168g	-0220Q
73-412PF	38	265g	-0223T
73-414PF	44	405g	-0226X
73-416PF	50	572g	-0230A
Yellow - Extra Hard			
73-408AF	25		-0216L
73-410AF	32		-0219P



THORACE HAMMER

Thorace Dead Blow Hammers

Hollow die cast head partially filled with steel shot, which adds to the weight of the impact and prevents rebound, delivering a dead blow. The handle is manufactured from aluminium alloy with a shock absorbent non-slip rubber grip.



Supplied with two screw in replaceable white nylon faces.

Product Number	Face Ø (mm)	Length (mm)	Weight each	Order Code
20-1010	32	275	525g	-0455M
20-1212	38	305	750g	-0456N
20-1414	44	310	950g	-0457P
20-1616	50	325	1250g	-0458Q
20-2020	63	370	2000g	-0459R

Spare Striking Faces

For the Thorex nylon faced and Thorace hammers. Easy to change, simply screw in. The striking faces are colour coded to allow easy identification of material type and hardness.

Grey: Soft PVC shore A63-73.
Will not mark finished surfaces.

Red: Polyurethane medium plastic shore D45-55.
For light hammering applications.

Brown: Tough polyurethane shore D58-62.
Abrasive resistant suitable for striking sharp surfaces.

White: Hard nylon shore D61-65. All purpose face suitable for light and heavy duty applications.

Yellow: ABS extra hard rockwell R103.
For specialist applications.



Product Number	Face Ø (mm)	Weight per 10	Order Code
Grey - Soft PVC			
76-708VF	25	195g	-0380M
76-710VF	32	246g	-0381N
76-712VF	38	352g	-0382P
76-714VF	44	540g	-0383Q
76-716VF	50	734g	-0384R
Red - Medium Plastic			
76-708PF	25	128g	-0340K
76-710PF	32	165g	-0340M
76-712PF	38	244g	-0340P
76-714PF	44	368g	-0340R
76-716PF	50	498g	-0340X
Brown - Polyurethane			
76-710TF	32	220g	-0361B
76-712TF	38	322g	-0362C
76-714TF	44	494g	-0363D
76-716TF	50	658g	-0364E
76-720TF			-0365F
White - Hard Nylon			
76-708NF	25	170g	-0335A
76-710NF	32	184g	-0336B
76-712NF	38	275g	-0337C
76-714NF	44	420g	-0338D
76-716NF	50	540g	-0339E
76-720NF	63	680g	-0340F
Yellow - Extra Hard Nylon			
76-710AF	32	193g	-0321B
76-712AF	38	281g	-0322C
76-714AF	44	398g	-0323D
76-716AF	50	524g	-0324E

HAMMERS - INSERTED FACE

GROUP
527



Nylon Faced Safe Blow Hammers



Hard nylon faced hammer with 2 screw-on all purpose striking faces which can easily be replaced manually without the use of any other tools - minimising downtime. Hollow chrome plated zinc head partially filled with steel pellets which impact a split second after the hammer face, reducing rebound, fitted with a fully moulded polypropylene shaft with soft feel dual material grip. There are no metal parts in the striking faces which could mar the workpiece as the head wears down. The striking faces are reinforced for extra strength and to prevent fracture from 'off-target' hits. Precision grooves in the metal head prevent faces from vibrating loose during use.



See Page **416**

Face Diameter	Overall Length	Order Code
32mm	340mm	-2040K
38mm	340mm	-2060K
44mm	340mm	-2080K
50mm	340mm	-2100K

Junior Thorlite Rubber Hammer

Lightweight rubber faced hammer. Aluminium alloy head with solid wooden handle. Fitted with two rubber striking faces one soft (marked with red) and the other hard.



Product Number	Face Ø (mm)	Length (mm)	Weight each	Order Code
09-J612	40	280	320g	-0550D

Spare Striking Faces for the Junior Thorlite Hammer

Product Number	Face Ø (mm)	Weight Per 10	Order Code
75-612HF	40	350g	-0280P
75-612SF	40	412g	-0282R

A Full Range of Hammers Are Available



Group **525**

PRODUCTS ARE ONLY AVAILABLE VIA YOUR DISTRIBUTOR



Soft Faced Hammers

A safer alternative for striking machined surfaces than conventional steel hammers. The impact resistant striking faces shape themselves to the component being struck, minimising rebound damage to the component and reducing noise pollution in the work place. The striking faces can be easily replaced once they have become worn. Available as standard, with a choice of five interchangeable face types.

Rawhide Faced Hammers

Head manufactured from malleable iron fitted with two rawhide striking faces and solid wooden handle. Rawhide manufactured from genuine water buffalo hide, tightly coiled and pressed three times under powerful hydraulic presses to ensure uniform quality and maximum durability.



Product Number	Size Ref.	Face Ø (mm)	Length (mm)	Weight each	Order Code THO-527
01-008	A	25	230	340g	-0100A
01-010	1	32	280	600g	-0101B
01-012	2	38	305	825g	-0102C
01-014	3	44	305	1300g	-0103D
01-016	4	50	355	2000g	-0104E
01-022	5	70	405	3150g	-0105F
01-022	5	70	900	3150g	-0106G

Copper Faced Hammers

Malleable iron head with two pure electrolytic copper faces, for high impact blows. Solid wooden handle.



Due to the fluctuating price of **COPPER**, SURCHARGES may apply

Product Number	Size Ref.	Face Ø (mm)	Length (mm)	Weight each	Order Code THO-527
04-308	A	25	230	475g	-0160G
04-310	1	32	280	850g	-0161H
04-312	2	38	305	1300g	-0162J
04-314	3	44	305	1975g	-0163K
04-316	4	50	355	2950g	-0164L
04-316WT	4	50	355	2950g	-0164T
04-317	4	50	760	3350g	-0165M
04-322	5	70	915	6350g	-0167P

Dual Purpose Rawhide and Copper Faced Hammers

Malleable iron head with solid wooden handle. The pure electrolytic copper striking face provides a safe, high impact blow whilst the rawhide face gives a firm, resilient blow that will not mark finished work.



Due to the fluctuating price of **COPPER**, SURCHARGES may apply

Product Number	Size Ref.	Face Ø (mm)	Length (mm)	Weight each	Order Code THO-527
03-208	A	25	230	400g	-0150A
03-210	1	32	280	725g	-0151B
03-212	2	38	305	1070g	-0152C
03-214	3	44	305	1650g	-0153D
03-216	4	50	355	2500g	-0154E
03-222	5	70	915	5150g	-0155F

Aluminium Faced Hammers

Malleable iron head fitted with solid shaft and two ductile aluminium faces.



Product Number	Size Ref.	Face Ø (mm)	Length (mm)	Weight each	Order Code THO-527
05-A308	A	25	230	340g	-0500A
05-A310	1	32	280	660g	-0501B
05-A312	2	38	305	950g	-0502C
05-A314	3	44	305	1440g	-0503D
05-A316	4	50	355	2200g	-0504E

Plastic Faced Hammers

Malleable iron head, fitted with two white high molecular weight polythene striking faces for high impact applications.



Product Number	Size Ref.	Face Ø (mm)	Length (mm)	Weight each	Order Code THO-527
18-908	A	25	220	470g	-0400A
18-910	1	32	280	600g	-0401B
18-912	2	38	305	790g	-0402C
18-914	3	44	310	1700g	-0403D
18-916	4	50	355	2000g	-0404E
18-922	5	70	405	3000g	-0405F

Spare Striking Faces

For malleable iron head hammers and split head hammers.



Due to the fluctuating price of **COPPER**, SURCHARGES may apply

Product Number	Size Ref.	Face Ø (mm)	Weight each	Order Code THO-529
Rawhide				
70-8R	A	25	18g	-0115A
70-10R	1	32	36g	-0116B
70-12R	2	38	54g	-0117C
70-14R	3	44	73g	-0118D
70-16R	4	50	97g	-0119E
70-22R	5	70	203g	-0120F
Copper				
71-308C	A	25	86g	-0171N
71-310C	1	32	145g	-0172P
71-312C	2	38	241g	-0173Q
71-314C	3	44	352g	-0174R
71-316C	4	50	540g	-0175S
71-322C	5	70	1283g	-0176T
Aluminium				
71-310AF	1	32	47g	-0141E
Plastic				
77-908SPF	A	25	15g	-0411G
77-910SPF	1	32	20g	-0412H
77-912SPF	2	38	38g	-0413J
77-914SPF	3	44	47g	-0414K
77-916SPF	4	50	74g	-0415L
77-922SPF	5	70	146g	-0416M
Nylon				
76-125NF	1	32	20g	-0125L
76-150NF	2	38	32g	-0126M
76-175NF	3	44	47g	-0127N
76-200NF	4	50	63g	-0128P
76-275NF	5	70	138g	-0129R



Pick Axe Handles

Manufactured to **BS 3823**.
Overall length: 950mm (36").

S71440 - Economy

Made from genuine hickory with a waxed finish.

S71410 - Hickory

Handle to fit standard pick axe or mattock eye. Hickory shaft fitted with a plastic head designed for increased grip in the eye of the pick axe or mattock head once fitted.



Product Number	Shaft Type	Order Code
S71440	Economy	-6511B
S71410	Hickory	-6512C



Hammer Shafts

Made from genuine hickory with a waxed finish.
Manufactured to **BS 3823**.

Pick Axe - Hickory



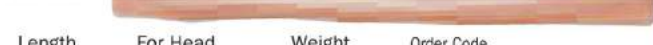
Length (mm)	For Head Weight	Weight each	Order Code
920	8.5lb	950g	-3600K

Pick Axe - Economy



Length (mm)	For Head Weight	Weight each	Order Code
920	8.5lb	950g	-3610K

Standard



Length (mm)	For Head Weight	Weight each	Order Code
280	1/4lb	30g	-0110K
305	1/2lb	35g	-0120K
330	1lb	135g	-0130K
380	1 1/2lb	230g	-0150K
405	2lb	250g	-0160K
455	3lb	320g	-0180K

Club



Length (mm)	For Head Weight	Weight each	Order Code
255	2 1/2/4lb	170g	-1100K

Sledge



Length (mm)	For Head Weight	Weight each	Order Code
610	4lb	330g	-2240K
760	7lb	710g	-2300K
910	10/14lb	860g	-2360K

Claw



Length (mm)	For Head Weight	Weight each	Order Code
330	13/16oz	190g	-3130K
355	20/24oz	200g	-3140K

Hammer Wedges

Manufactured from high grade steel.



Wedge Size	For Head Weight	Weight Per 100	Order Code
1	up to 12oz	210g	-4510K
2	14oz to 2 1/2lb	430g	-4520K
3	3lb to 7lb	580g	-4530K
4	10lb to 28lb	770g	-4540K
5	Above 28lb	3500g	-4550K



File Handles

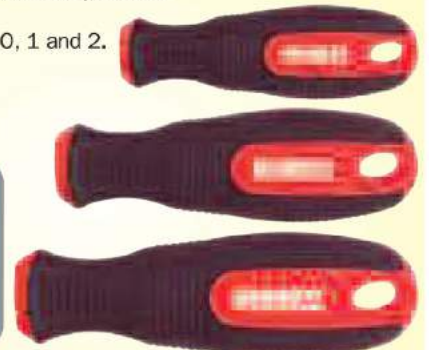


Polypropylene file handles with integral hanging hole and covered with a ribbed rubber grip for increased purchase and added comfort.

Available in three sizes: 0, 1 and 2.



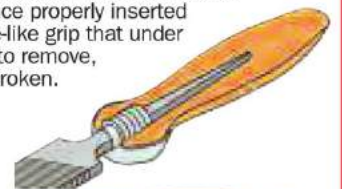
Group **030**



Size	Suitable File Length (mm)	Order Code
No. 0	100 - 150	-5000K
No. 1	200 - 250	-5010K
No. 2	300 - 400	-5020K

Safety Wooden File Handles

A split file handle can cause a serious industrial accident. Kennedy safety handles are rapidly becoming standard equipment in workshops. Firmly secured inside each handle and covered by a ferrule is a steel spring. This combination absorbs the pressure when the tang of the file is driven into the handle, preventing splitting or cracking. Once properly inserted the tang of the file is held in a vice-like grip that under normal use is virtually impossible to remove, unless the handle is deliberately broken.



Handle Length	Size	Suitable File Length	Weight each	Order Code
75mm	0	4"	20g	-5730K
110mm	1	6" - 8"	45g	-5740K
125mm	2	10" - 12"	50g	-5750K
140mm	3	14" - 16"	70g	-5760K

Standard Wooden File Handles

Suitable for traditionally tanged engineer's files. With steel ferrule.



Handle Length	Size	Suitable File Length	Weight each	Order Code
75mm	-	4" - 6"	20g	-5300K
100mm	-	8"	25g	-5400K
125mm	-	10"	45g	-5500K
150mm	-	12" - 16"	60g	-5600K

Moulded Plastic File Handles

With contoured grip and hanging hole.



Handle Length	Size	Suitable File Length	Weight each	Order Code
75mm	0	4" - 6"	10g	-5930K
90mm	1	8" - 10"	50g	-5940K
100mm	2	10" - 12"	80g	-5950K

PRODUCTS ARE ONLY AVAILABLE VIA YOUR DISTRIBUTOR

KENNEDY
 QUALITY INDUSTRIAL TOOLING

**Short & Long Handled
Wall Scrapers**

Wall scrapers that help remove wallcoverings, paint, floor and wall tiles more easily. The blunt side of the blade is useful for stripping off paint, removing wallcoverings and tiles, whilst the sharp edge will easily remove paint from glass. Blades are easily changed and replaced.



Type	Overall length	Weight each	Order Code
Short	200mm	140g	-0580K
Long	315mm	160g	-0600K
100mm Scraper Blades (Pk 10)		65g	-0620K

Scrapers (Scale Tang)

Heavy duty, with scale tangs, tempered flexible steel blades and polished rosewood handles. Polished sharp blade for removing paint and wall coverings.



Blade Length x Width (mm)	Weight per 12	Order Code
		KEN-533
125 x 25	1.20kg	-0400K
125 x 38	1.20kg	-0410K
125 x 50	1.40kg	-0450K
125 x 63	1.45kg	-0490K
125 x 75	1.50kg	-0530K
150 x 100	1.60kg	-0570K

Filling Knives (Scale Tang)

Heavy duty, with scale tangs, tempered flexible steel blades and polished rosewood handles. For applying and smoothing filler to cracks and holes.



Blade Length x Width (mm)	Weight per 12	Order Code
		KEN-533
125 x 50	1.30kg	-0650K
150 x 75	1.35kg	-0680K

Bi-material Window Scraper

Suitable for scraping paint from glass, this tool has an ergonomic, bi-material design to provide users with a comfortable non-slip grip. Blade storage in handle.



Overall Length (mm)	Weight each	Order Code
		KEN-533
245	50g	-1100K
Blades (Pk 10)		KEN-537-7560K


SENATOR
 QUALITY TOOLING

**President
Decorator's Tools**

High carbon, clear lacquered steel blades with quality wooden handles and half tang fixing. Suitable for general duty and household use.

**Scrapers
(Half Tang)**


Blade Length x Width (mm)	Weight per 12	Order Code
		SEN-533

Scrapers (Half Tang)		
100 x 140	1.50kg	-1700K
100 x 100	1.20kg	-1720K
90 x 75	1.10kg	-1740K
115 x 65	1.00kg	-1760K
90 x 50	0.90kg	-1780K
80 x 35	0.80kg	-1800K

Filling Knives (Half Tang)		
100 x 140	1.30kg	-1500K
100 x 100	1.10kg	-1520K
100 x 80	1.00kg	-1540K
115 x 65	0.95kg	-1560K
90 x 50	0.85kg	-1580K
85 x 35	0.75kg	-1600K

Comfort Grip Scrapers (Scale Tang)

Heavy duty, with scale tangs, tempered flexible steel blades and Bi-material comfort grips.



Blade Length x Width (mm)	Weight per 12	Order Code
		KEN-533
125 x 25	1.20kg	-5410K
125 x 50	1.40kg	-5420K
150 x 75	1.50kg	-5430K

Decorator's Scrapers

For scraping paint and varnish off wood. High carbon steel double edged blade. Convex edges to reduce surface damage. Bi-material comfort grip. Supplied with a two or four edge blade.

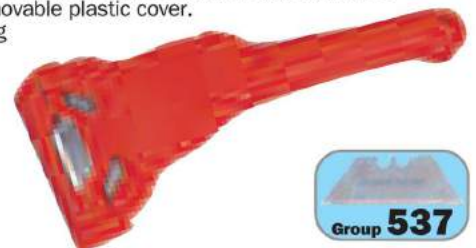
The replacement blades are one piece - two or four edged.



Type	Blade width	Order Code
		KEN-533
Two Edge	38mm	-1600K
Four Edge	65mm	-1620K
Replacement Blades		
For Two Edge	38mm	-1660K
For Four Edge	65mm	-1680K

Window Scraper

Snap resistant polypropylene handle. Supplied with hardened steel blade and removable plastic cover. Suitable for scraping paint off glass.



Overall Length (mm)	Weight each	Order Code
		KEN-533
170	55g	-1090K



Half Tang

Available in traditional clipt point or chisel pattern.

Clipt Point

Chisel Point

Blade Length x Width (mm)	Weight per 12	Order Code SEN-533
90 x 38 Clipt	0.80kg	-1860K
57 x 38 Chisel	0.70kg	-1840K

Seam Roller

Plastic head.



Overall Length x Wheel Width	Weight per 12	Order Code SEN-533
180 x 38mm	0.60kg	-1920K

Combi Shave Hook
Half Tang

High carbon, clear lacquered steel blade with quality wooden handles.



Overall Length	Weight per 12	Order Code SEN-533
200mm	1.30kg	-1900K

Artist's Pencil Brushes
Plastic Handled - Medium Point

With pure bristles. Each brush is marked with its size. Medium point.



Size	Weight per 10	Order Code KEN-533
No.1	30g	-6391K
No.2	30g	-6392K
No.3	30g	-6393K
No.4	30g	-6394K
No.5	30g	-6395K
No.6	30g	-6396K


Scale Tang

Heavy duty, with scale tang, tempered flexible steel blade and polished rosewood handle. Traditional pattern glazier tool.

Clipt Point

Chisel Point

Blade Length x Width (mm)	Weight per 12	Order Code KEN-533
115x38 Clipt	1.20kg	-0860K
115x38 Chisel	1.20kg	-0960K

Clipt Shoe Knife
Scale Tang

With heavy duty blade and quality wooden handle. General purpose cutting knife for many different applications.



Blade Length x Width (mm)	Weight per 12	Order Code KEN-533
100 x 25	870g	-1000K

Combi Shave Hook
Scale Tang

Heavy duty blade and quality wooden handle. For removing paint from flat, concave and convex mouldings.



Overall Length	Weight per 6	Order Code KEN-533
180mm	2.70kg	-1070K

Wooden Handled - Medium Point

Steel ferrules. Soft hair bristles.



Size	Order Code KEN-533
No.1	-6721K
No.2	-6722K
No.3	-6410K
No.4	-6420K
No.5	-6430K
No.6	-6440K
No.7	-6450K
No.8	-6460K
No.10	-6470K
No.12	-6480K

Comfort Grip Putty Knife
Scale Tang

Heavy duty, with scale tang, tempered flexible steel blade and bi-material comfort grips.



Blade Length x Width (mm)	Weight per 12	Order Code KEN-533
115 x 38 Clipt	1.20kg	-5500K

Palette Knives
Scale Tang

Heavy duty, with scale tang, tempered flexible steel blades and polished rosewood handles. Used for mixing paints, spreading printing inks, folding pigments etc.



Blade Length	Weight each	Order Code KEN-533
100mm	60g	-5540K
150mm	88g	-5560K
200mm	159g	-5580K

Hooked Lino Knife
Scale Tang

With heavy duty blade and quality wooden handle. For cutting linoleum and comparable materials.



Blade Length x Width (mm)	Weight per 12	Order Code KEN-533
90 x 25	1.50kg	-1020K

Hacking Knife
Scale Tang

Originally designed for chipping out old putty. The tough construction allows it to be used with a hammer.



Blade Length x Width (mm)	Weight per 12	Order Code KEN-533
115 x 30	2.40kg	-1060K

Wooden Handled - Fine Point

Steel ferrules. Soft hair bristles.



Size	Order Code KEN-533
No.2	-6702K
No.4	-6704K
No.6	-6706K

Varnished Wooden Handled - Fine Point

Slimmer handles, steel ferrules, soft hair bristles.



Size	Order Code KEN-533
No.2	-6742K
No.3	-6743K
No.6	-6746K
No.8	-6748K

KENNEDY
PROFESSIONAL

Professional Paint Brushes - Synthetic



A range of long lasting synthetic filament paint brushes specifically designed for the professional for achieving very fine finishes with all paints and available in a range of sizes from 1/2" to 4". With cushioned rubber grip handles.

6
PIECES

14
PIECES



6 Piece Set

1x 1/2", 3x 1", and 2x 2".

14 Piece Set

4x 1/2", 4x 1", 4x 2", 1x 3", and 1x 4".

Width (mm)	Order Code KEN-533
13 (1/2")	-6762K
25 (1")	-6764K
38 (1 1/2")	-6766K
50 (2")	-6768K
75 (3")	-6772K
100 (4")	-6776K
Number of Pieces	Order Code KEN-533
6	-6790K
14	-6794K

KENNEDY
QUALITY INDUSTRIAL TOOLING

Industrial Paint Brushes



Plastic handles. Chrome plated lapped and pressed ferrules. Pure bristles vulcanised in rubber. Designed to give excellent results at an affordable price. For DIY and trade use.

14
PIECES



14 Piece Set

4x 13, 25 and 50mm, 1x 75 and 100mm.

Width (mm)	Weight per 12	Order Code KEN-533
13 (1/2")	0.25kg	-1120K
25 (1")	0.55kg	-1140K
38 (1 1/2")	0.70kg	-1160K
50 (2")	1.10kg	-1180K
75 (3")	1.80kg	-1220K
100 (4")	2.60kg	-1240K
Number of Pieces	Weight each	Order Code KEN-533
14	0.85kg	-1300K

Professional Paint Brushes

High quality lacquered wood handles. Chrome plated lapped and pressed ferrules. Long pure black high quality bristles. Hard wearing brushes designed to give long life and the finest of finishes for the true craftsman.

*With plastic handle.

5 Piece Set

1x 13, 25, 38, 50 and 75mm.

6 Piece Set

3x 25mm, 2x 50mm and 1x 13mm.

11 Piece Set

3x 25 and 50mm, 2x 13mm, 1x 19, 38 and 75mm.

5
PIECES

6
PIECES

11
PIECES



Width (mm)	Weight per 12	Order Code KEN-533
13 (1/2")*	0.30kg	-5020K
19 (3/4")	0.65kg	-5030K
25 (1")	0.70kg	-5040K
38 (1 1/2")	0.95kg	-5050K
50 (2")	1.50kg	-5060K
63 (2 1/2")	1.75kg	-5070K
75 (3")	2.50kg	-5080K
100 (4")	3.40kg	-5090K
Number of Pieces	Weight each	Order Code KEN-533
5	390g	-5130K
6	340g	-5170K
11	635g	-5140K

Industrial Maintenance Brushes



Ideal for a wide variety of tasks around the workshop, home and for use when applying creosote, cleaners and degreasers etc. Wooden handles with pure bristles.

Set contents:

4 off each: 12mm (1/2"), 25mm (1")

and 50mm (2");

1 off each: 75mm (3") and 100mm (4").



14
PIECES

Size	Weight each	Order Code KEN-907
1/2"	13g	-0210K
1"	23g	-0250K
1 1/2"	39g	-0270K
2"	47g	-0290K
2 1/2"	63g	-0310K
3"	76g	-0330K
4"	100g	-0350K
Number of Pieces	Weight each	Order Code KEN-907
14	200g	-0400K

SENATOR
QUALITY TOOLING

Paint Brushes



With painted wood handles. Chrome plated lapped and pressed steel ferrules. Long pure bristles.

6 Piece Set

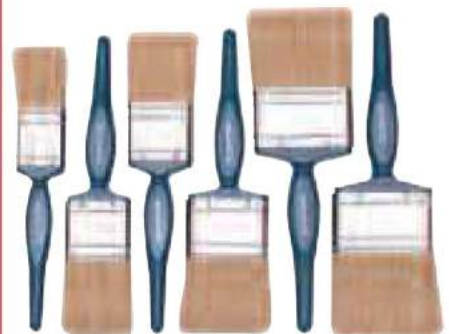
1x 13mm, 3x 25 and 2x 50mm.

6
PIECES

12 Piece Set

1x 19, 38, 63 and 100mm. 2x 13, 25, 50 and 75mm.

12
PIECES



Width (mm)	Weight each	Order Code SEN-533
13 (1/2")	15g	-0210K
19 (3/4")	25g	-0220K
25 (1")	30g	-0230K
38 (1 1/2")	43g	-0240K
50 (2")	65g	-0250K
63 (2 1/2")	85g	-0260K
75 (3")	110g	-0270K
100 (4")	150g	-0280K
Number of Pieces	Weight each	Order Code SEN-533
6	330g	-0370K
12	865g	-0330K

KENNEDY Dusting Brushes

Black pure bristle or soft coco fibre bristles. Plain wood handle. For general dusting and cleaning.

Size: 100mm (4").



Type	Weight each	Order Code KEN-533
Coco	115g	-6824K
Pure	105g	-6844K

Paste Brush

Easy clean synthetic bristle. Resin set in a nickel plated ferrule with plastic handle suitable for the easy spreading of wallpaper paste.



Width (mm)	Order Code KEN-533
120 (4 3/4")	-1500K

Striker Brush with 24" Handle

Mainly used on heavy industrial and commercial work. Ideal for hard to reach painting work. 610mm (24") handle.



Size	Order Code KEN-533
1 1/2"	-0010K
2"	-0015K

COTSWOLD Tar Brushes

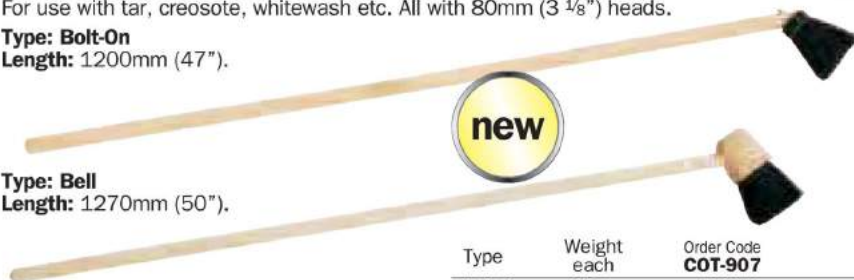
For use with tar, creosote, whitewash etc. All with 80mm (3 1/8") heads.

Type: Bolt-On

Length: 1200mm (47").

Type: Bell

Length: 1270mm (50").



Type	Weight each	Order Code COT-907
Bolt-On	365g	-1030K
Bell	420g	-1050K

Laminating Brushes

Laminating brush for fibreglass and resin projects. White bristle, stainless ferrule. Plastic handle.



Size	Order Code KEN-533
1/2"	-6340K
3/4"	-6350K
1"	-6360K
2"	-6370K
3"	-6375K
4"	-6380K

Fitch Brushes

Natural white bristle with long natural wooden handle and steel ferrule. Ideal for 'cutting-in' to corners and windows, or used dry to dust on delicate objects.



Type	Size	Order Code KEN-533
Flat	No.2 (6mm)	-6520K
	No.4 (8mm)	-6540K
	No.6 (12mm)	-6560K
	No.8 (16mm)	-6580K
	No.10 (20mm)	-6600K
Round	No.12 (24mm)	-6620K
	No.2 (6mm)	-6680K
	No.4 (8mm)	-6681K
	No.6 (12mm)	-6682K
	No.8 (16mm)	-6683K
	No.10 (20mm)	-6684K
	No.12 (24mm)	-6685K

Radiator Brushes

Designed to reach behind radiators. Plastic handles with hard wearing bristles.



Size (mm)	Overall Length	Weight each	Order Code KEN-533
25	380	35g	-6020K
38	380	45g	-6030K
50	380	55g	-6040K

DECORATING TOOLS

GROUP 533

Slant CutLining Brush

For use on fine and detailed decorating work and difficult to get to areas where the finish makes all the difference. **Overall length:** 300mm.



Size	Order Code KEN-533
12mm (1/2")	-5220K

Paste & Glue Brush

1" brush with flat tip and short wooden handle ideal for use with paste and glue.



Size	Order Code KEN-533
25mm (1")	-5250K

Wooden Sash Brushes

Wooden handle with steel ferrule.



Size	Order Code KEN-533
No.6	-3179K
No.8	-3180K
No.10	-3181K
No.12	-3182K
No.14	-3183K
No.16	-3184K
No.18	-3186K
No.20	-3187K

Plastic Handle Sash Tools

Plastic handle. Ideal for cleaning out sawdust, swarf etc.



Size	Order Code KEN-533
No.6	-1531K
No.8	-1532K
No.10	-1533K
No.12	-1534K
No.16	-1535K

Paste/Glue Brushes

Size	Order Code KEN-533
No.9/3 (1/4")	-6310K
No.9/5 (3/4")	-6320K

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KENNEDY Shepsil
Refill

Suitable for emulsion and masonry paints on rough surfaces. Use also with vinyl silk, vinyl matt, exterior paints on rough surface.

Core Diameter: 44mm.

To fit **KENNEDY**
230mm wide bird
cage pattern rollers.

Length (mm)	Pile Length	Weight each	Order Code KEN-533
230 (9")	18mm	100g	-4300K

Polyester Extra Long Pile Refill

Suitable for emulsion and masonry paints on very rough surfaces. Also for use with vinyl silk, vinyl matt, exterior paints, on rough surfaces.

Core Diameter: 44mm

To fit **KENNEDY**
230mm wide
bird cage
pattern rollers.

Length (mm)	Pile Length	Weight each	Order Code KEN-533
230 (9")	32mm	100g	-4320K

Polyester Short Pile Refill

For eggshell paints on smooth surfaces. Use also with semi-gloss, vinyl silk, undercoat, primers on smooth flat surfaces.

Core Diameter: 44mm.

To fit 230mm wide bird cage pattern rollers.

Length (mm)	Pile Length	Weight each	Order Code KEN-533
230 (9")	9mm	100g	-4330K

Foam Roller - Textured Paint

For applying and finishing texture paints, use for applying and texturing high-build, aggregate and texture paints on interior walls, exterior walls and ceilings.

Core Diameter: 44mm

To fit **KENNEDY**
230mm wide bird
cage pattern
rollers.

Length (mm)	Roller Type	Weight each	Order Code KEN-533
230 (9")	Foam	100g	-4340K

Medium Pile Refill

For double arm rollers. Medium pile, suitable for rough surfaces such as stucco, concrete, pebble dash, embossed wallpaper, brick and block walls.

To fit **KENNEDY** 300mm wide double arm roller head.

Size (mm)	Weight each	Order Code KEN-533
300 (12")	100g	-4600K

Sheepskin Roller

Suitable for emulsion, exterior and masonry paints on rough surfaces.

Core Diameter: 44mm

To fit **KENNEDY**
230mm wide bird
cage pattern
rollers.

Length (mm)	Pile Length	Weight each	Order Code KEN-533
230 (9")	18mm	100g	-4350K

SENATOR Economy
Refill Sleeves

Medium pile is suitable for smooth surfaces. Long pile is suitable for rough surfaces.

Pile Diameter: 38mm

To fit **SENATOR** 180mm & 230mm
wide bird cage
pattern rollers.

Length (mm)	Pile	Order Code SEN-533
180 (7")	Medium	-4200K
230 (9")	Medium	-4310K
180 (7")	Long	-4220K
230 (9")	Long	-4320K

Telescopic Extension Pole

Manufactured to the highest specifications from aluminium, fibre-glass and ABS plastic, making it light in weight but very strong. It extends from 1.2 to 2.4m and comes with an American style thread plus ascrew-on tapered adaptor.

Screw-on
Adaptor

Extension Range	Weight each	Order Code KEN-533
1.2 to 2.4m (47" to 94")	360g	-4800K

KENNEDY**Double Arm Roller Head**

Galvanised steel double arm head. For use with 1" diameter stale with screw hole for fixing.



Size (mm)	Weight each	Order Code KEN-533
300 (12")	455g	-4650K

KENNEDY PROFESSIONAL**Paint Roller**

Bird cage pattern with a hollow tapered wooden handle for use with extension.

Cage diameter: 44mm.
To suit **KENNEDY** refills.



Size (mm)	Weight each	Order Code KEN-533
230 (9")	400g	-4400K

SENATOR QUALITY TOOLING**Bird Cage
Paint Roller**

Black plastic handle with integral hanging hole for easy storage. For use with roller refill sleeves (not supplied).

Cage diameter: 38mm.
To suit **SENATOR** refills.



Size (mm)	Weight each	Order Code SEN-533
180 (7")	170g	-4250K
230 (9")	190g	-4400K

SENATOR Telescopic
Extension Handle

To fit 230mm (9") wide
bird cage pattern roller.

Extension Range	Weight each	Order Code SEN-533
1 to 2m (42" to 84")	360g	-4800K

230mm (9") Extending Bird Cage Paint Roller Frame

This innovative two stage extending bird cage roller is very versatile as it extends from 430mm (17") to 680mm (27") by extending the handle and then up to 900mm (36") by extending the frame from the handle. Both operations are carried out by twisting to unlock, extending and twisting to lock again.

Cage diameter: 38mm.
To suit **SENATOR** refills

Extension Range	Weight each	Order Code SEN-533
430 to 900mm (17" to 36")	360g	-4420K

SENATOR QUALITY TOOLING Roller Kit

**3
PIECES**

Comprising of a bird cage paint roller, a medium pile refill and a plastic paint tray. Suitable for indoor use on smooth surfaces.



Weight each	Order Code
548g	SEN-533
	-4500K

Decorator's Set

**8
PIECES**

Comprising of a standard roller kit including a bird cage paint roller, medium pile refill and a plastic paint tray. Emulsion and gloss painting kit which includes a mini roller, refill, 50mm paint brush, paint tray and a 3.70 x 2.80m polythene dust sheet.



Weight each	Order Code
750g	SEN-533
	-3100K

Paint Pad Set

**5
PIECES**

Contents:
Pad handle, paint tray (300 x 205mm), large pad (200 x 70mm), medium pad (140 x 70mm) and window frame pad (65 x 40mm).



Order Code
SEN-533
-4750K

KENNEDY QUALITY INDUSTRIAL TOOLING Mini Roller Set

Supplied with a handle and tray. Includes a 100mm (4") high density foam roller for gloss and a knitted 100mm (4") sleeve for use with emulsion paint.



**4
PIECES**

Order Code
KEN-533
-4140K

Floor Roller Paint Tray

Large dimension paint tray designed for floor paint. Incorporates gullies for excessive paint drain.
Dimensions:
(W)15" x (L)17".



Width (mm)	Order Code
380 (15")	KEN-533
	-1760K

Floor Roller Paint Kit

Contents:
Roller, roller bracket, extension arm and paint tray.



**4
PIECES**

Width (mm)	Order Code
300 (12")	KEN-533
	-1740K

Mini Emulsion Roller Set

For use with emulsion paint.



**2
PIECES**

Size (mm)	Order Code
100 (4")	KEN-533
	-4120K

Mini Gloss Roller Set

For use with gloss paint.



**2
PIECES**

Size (mm)	Order Code
100 (4")	KEN-533
	-4130K

Mini Paint Roller Tray

Tray to suit mini roller.



Order Code
KEN-533
-4100K

Plastic 15ltr Paint Scuttle

Paint scuttle in black plastic with metal handle. Moulded ridged sides for loading paint roller. Takes all paint roller frames up to 12".



Capacity	Weight each	Order Code
15ltr	825g	KEN-533
		-1700K

Paint Trays

The rigid drain off area helps remove the excess paint from the roller preventing drips and evenly coating your paint roller.

Dimensions (L x W x D):
400 x 290 x 60mm.



Type	Width (mm)	Weight each	Order Code
Metal	230 (9")	570g	KEN-533
Plastic	230 (9")	290g	-4450K
Metal	300 (12")	290g	-4460K
			-4670K

SENATOR QUALITY TOOLING Paint Tray

Evenly coats the roller whilst storing paint in the reservoir. The drain-off area helps remove excess paint from the roller preventing drips.



Size (mm)	Weight each	Order Code
180 (7")	165g	KEN-533
		-4280K

Mini Paint Roller Frame

Single arm type. Moulded plastic handle. Suitable for use with all 4" mini roller heads.



Size (mm)	Order Code
100 (4")	KEN-533
	-4060K

Long Arm Radiator Roller & Sleeve

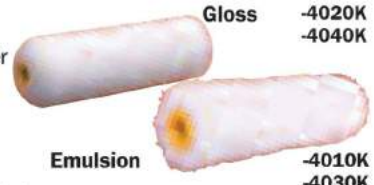
Radiator roller frame and 4" roller sleeve. Single arm moulded handle frame and medium pile roller sleeve. Suitable for emulsion paint.



Order Code
KEN-533
-4070K

Mini Roller Refills

100mm (4") medium pile roller for use with emulsion paints. Ideal for painting small areas or in awkward places.



For Paint Types	Order Code
	KEN-533
	Single Roll
Emulsion	-4010K
Gloss	-4020K
	Pack of 10 Rolls
Emulsion	-4030K
Gloss	-4040K

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