

# JAFCO

## INSULATED DIGGING TOOLS

### SAFE HAND DIGGING TOOLS



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INTERNATIONAL

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## JAFCO INSULATED TOOLS

JAFCO TOOLS is a well established manufacturer of quality hand tools, mainly featuring the many significant advantages of NUPLA pultruded fibreglass (NUPLAGLAS) handles. In particular NUPLAGLAS provides excellent electrical insulation. For over 20 years JAFCO has produced hand tools for safety-critical and onerous tasks. Major established users include Transco, British Telecom, Water, Electricity and Railway Companies, and Fire & Rescue Services. JAFCO is the major supplier of insulated railway track maintenance hand tools for working under live rail conditions.

The JAFCO INSULATED TOOLS in this brochure are insulated for operations where electric cables may be present, and are relevant to all companies engaged in groundworks associated with utilities, street lighting, highway works, fencing etc.

Tools meet or exceed relevant British Standards (e.g. for hammers, picks, shovels). JAFCO uses heads manufactured and tested to relevant British Standards. In addition, every JAFCO INSULATED TOOL is individually electrically tested.

JAFCO INSULATED DIGGING TOOLS feature NUPLAGLAS shafts, specifically formulated to meet hand tool requirements. NUPLAGLAS exceeds the requirements of the several British Standards for fibreglass used in hand tools. Fibres are electrical grade, tensioned, continuous and parallel, with over 70% fibre by mass. The electrical insulation performance of NUPLAGLAS is extremely high and well in excess of likely requirements.

JAFCO TOOLS is registered to ISO 9001 : 2008.

### NUPLAGLAS FIBREGLASS HANDLES

Strong : Safe : Durable

NUPLAGLAS is widely recognised as the safest, strongest, most durable and cost-effective material available for tool handles. Designed specifically for hand tools, the high specification of NUPLAGLAS provides the many beneficial qualities for hand tools, including :

- Excellent electrical insulation
- Highly resistant to damage through wear and overstrike
- Securely fixed to tool heads - majority of tools feature bonded assembly
- Comfortable to use - low sting and vibration, warm to the touch
- Unaffected by storage and weather conditions, immersion in water, etc.
- Highly resistant to most industrial oils, greases and chemicals

All NUPLAGLAS handles exceed the performance requirements for fibreglass handles in relevant British Standards. The NUPLA CORPORATION of Los Angeles, U.S.A. have continued to be leading innovators and manufacturers of fibreglass tool handles for over 50 years. The NUPLA range of specifications is unique.

NUPLAGLAS is a registered trademark of the NUPLA CORPORATION of Los Angeles, U.S.A.

## HSE GUIDANCE ON USE OF INSULATED DIGGING TOOLS

- **“Buried services are widespread and it should be assumed that they are present unless it has been shown otherwise”..... ( para 2 )**
- **“Trial holes (to be) dug using suitable hand tools...to confirm the position of any buried services”..... ( para 69 )**
- **“Insulated tools should be used when hand digging near electric cables”..... ( para 71 )**

Extracts from HSG47 “Avoiding Danger From Underground Services” 2005.  
Please refer to HSE publication HSG47 for full guidance

## ELECTRICAL TESTING of JAFCO INSULATED TOOLS

At present there is no British Standard or Code of Practice for electrical testing of insulated ground excavation tools. Many ground excavation tools are similar to tools used on the railways, and there is a British Standard for railway track tools used on/near live conductor rails. Therefore JAFCO electrically tests the insulated tools in this brochure to the requirements of that Standard : BS8020:2011 Insulating Railway Track Tools for working on/ near live conductor rails operating to voltages up to 1,000V a.c .or 1,500V d.c. .

**It is the responsibility of the customer and/or user to decide if the requirements and electrical tests in BS8020:2011 meet the requirements of the specific circumstances of use.**

Under BS8020:2011 each tool must be individually tested to 10,000V a.c. and marked for full traceability. For full details please refer to the British Standard BS8020:2011.

Every JAFCO tool classed as insulated is electrically tested in accordance with BS8020:2011 and has orange handles. The electrical testing is carried out by JAFCO, in-house.

### INSULATION OF STANDARD LENGTH FORKS, SHOVELS and SPADES

ALL JAFCO INSULATED STANDARD LENGTH SHOVELS, FORKS, SPADES, DRAINERS, conforming to BS3388 are fully insulated, including full insulation of the metal socket. The socket insulation consists of a specially designed and profiled, double-sleeved insulated guard system, bonded over the metal sockets (see below). The solid NUPLAGLAS fibreglass shafts are epoxy bonded to the sockets, and the overguard and the NUPLAGLAS shafts are coloured orange. These tools also fully conform to BS8020:2011, and are individually electrically tested in-house by JAFCO.

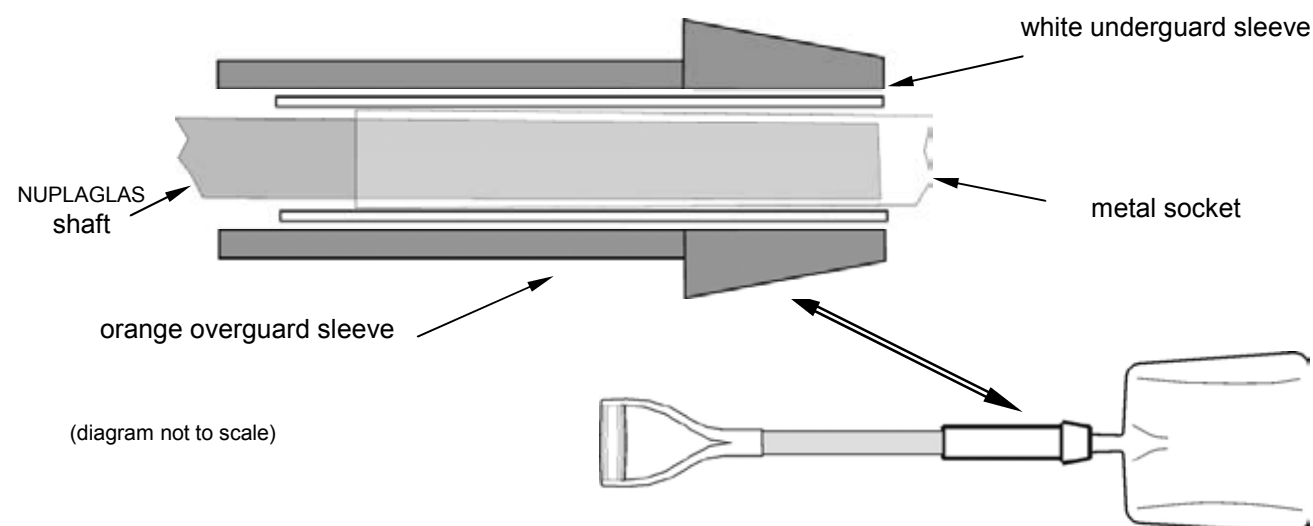
In addition, the JAFCO POWER PYLON RANGE of STANDARD LENGTH SHOVELS and SPADES is fully insulated; please see pages 8 & 9 for further information on the Power Pylon concept.

#### INSULATION OF METAL SOCKETS

THE JAFCO INSULATED STANDARD LENGTH SHOVELS, FORKS and SPADES (pages 5-7) are manufactured to the same design configuration and specification as supplied by JAFCO for Insulated Rail Track tools. These tools feature a specially designed and profiled, double-sleeved, double-insulated overguard system, bonded over the metal sockets.

The overguard, made from rigid abrasion-resistant fibreglass-reinforced nylon, is coloured ORANGE and epoxy bonded to an underguard, also of fibreglass-reinforced nylon, which is coloured WHITE and epoxy bonded to the metal socket. This double overguard system of contrasting colours, as well as being securely fixed and insulating the metal socket, is a safety warning indicator which ensures the socket remains safely insulated from the user, even when the warning WHITE underguard becomes visible, however -

**TOOLS SHOULD BE INSPECTED BOTH BEFORE AND REGULARLY DURING USE, AND IF AT ANY TIME THE WHITE UNDERGUARD BECOMES VISIBLE, USE OF THE TOOL SHOULD CEASE IMMEDIATELY AND THE TOOL REPLACED.**



### STANDARD LENGTH FORKS, SHOVELS and SPADES

In JAFCO's range of INSULATED STANDARD LENGTH FORKS SHOVELS AND SPADES there is a tool for every use in ground excavations and works :

- CONTRACTOR'S FORK for penetrating and breaking-up hardcore,
- SQUARE and TAPER MOUTH SHOVELS for moving and working aggregates and backfilling,
- ROUND MOUTH SHOVEL for ground works in earth and loose materials,
- DRAINER, }
- GRAFTER, } for digging narrow holes and trenches,
- CABLE LAYER, }
- RABBETING SPADE }
- GENERAL SERVICE SHOVEL (preferred in Scotland) for general digging and shovelling tasks.

Full list on pages 6-7.

All tools fully conform to BS3388 and BS8020:2011 - shape, dimensions and performance, and are electrically insulated with orange solid NUPLAGLAS fibreglass shafts, and the metal sockets insulated with an abrasion resistant double-sleeve system. Every tool is tested in-house to 10,000V. and marked for traceability.

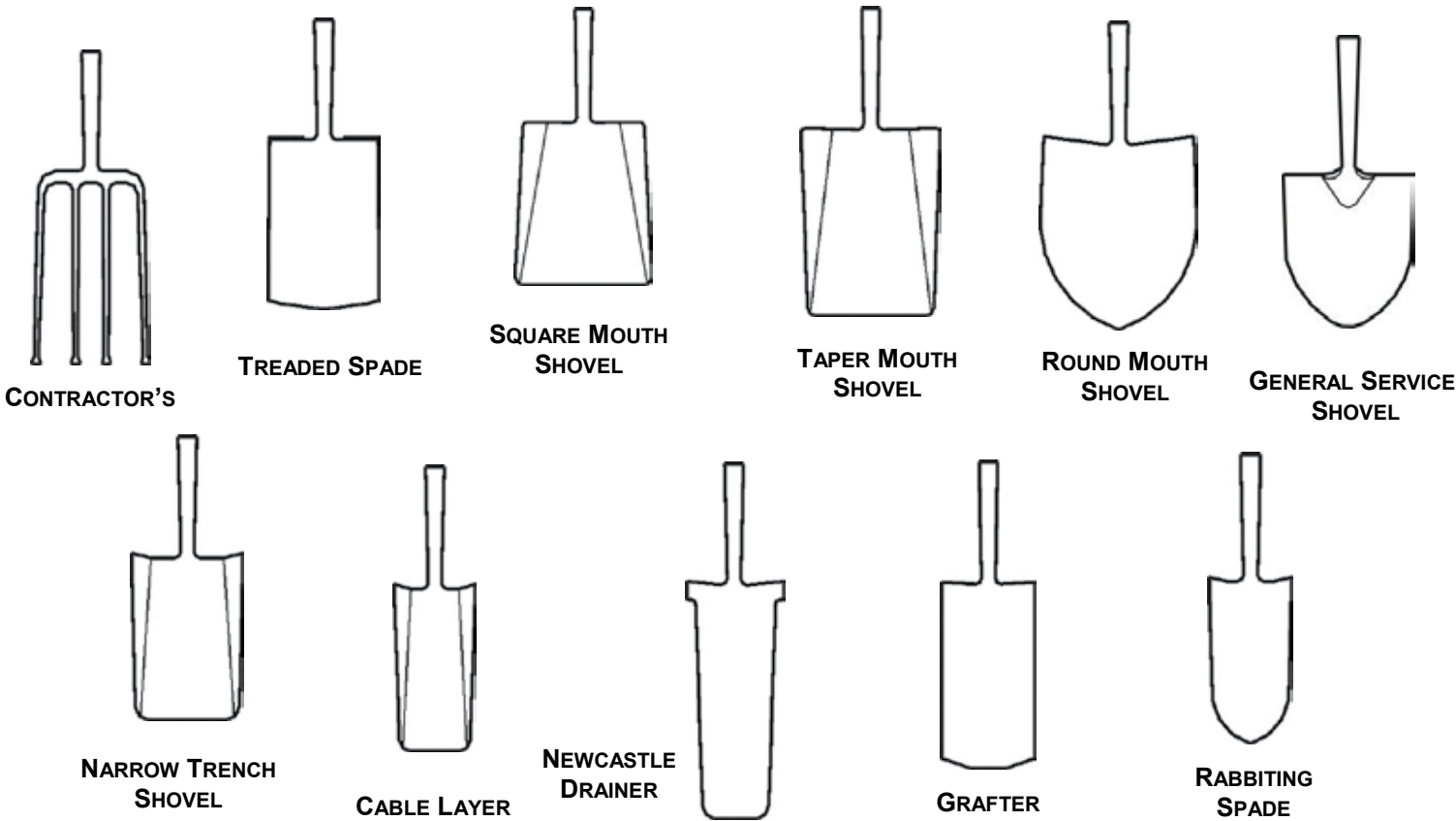
All standard length digging tools have the high strength NUPLA plastic PYD grip bonded to the shaft. Treaded blades are available where improved grip by, and reduced wear, on insulated boots is a priority.

For INSULATED LONG HANDLED SPADES see page 10-11.

For railway applications, please see the JAFCO RAILWAY TRACK TOOLS brochure, which includes specialised track tools such as insulated ballast forks, and gives NETWORK RAIL Catalogue Numbers and LONDON UNDERGROUND Part Numbers.



STANDARD LENGTH FORKS, SHOVELS and SPADES




PART No.	DESCRIPTION	shaft to blade shoulder, nominal	blade length	blade width
<b>INSULATED CONTRACTOR'S FORK</b>				
CF17IT/O/P	plastic YD grip	710mm (28")	330mm (13")	200mm (8")
<b>INSULATED TREADED SPADE</b>				
SP75IT/O/P	plastic YD grip	710mm (28")	290mm (11.5")	190mm (7.5")
<b>INSULATED SHOVEL, SQUARE MOUTH No. 2</b>				
SV22IT/O/P	plastic YD grip	710mm (28")	320mm (12.5")	255mm (10")
SV22IT/O/PTR	plastic YD grip ; treaded			
<b>INSULATED SHOVEL, TAPER MOUTH</b>				
SV00IT/O/P	plastic YD grip	710mm (28")	320mm (12.5")	255mm (10")
SV00IT/O/PTR	plastic YD grip ; treaded			

EXCAVATING NEAR ELECTRIC CABLES?  
INSTALLING STREET LIGHTING?

Equip your workforce for safe hand digging, specify **JAFCO INSULATED DIGGING TOOLS**.

Used by local authorities, major street lighting, electrical, utilities and railway contractors.

Hard wearing, heavy duty tools providing excellent electrical insulation :

- Non-conductive Nupla fibreglass shafts, used by utilities and railways for over 15 years.
- Every tool electrically tested to 10,000 volts, in-house, and marked for traceability.
- All tool handles are orange, marked  1000V.

Tools meet and exceed relevant British Standards.

INSULATED STANDARD LENGTH  
SHOVELS, SPADES & FORKS

Double-insulation over metal sockets :

- Wear-resistant, fibreglass-reinforced nylon orange overguard.
- White fibreglass warning underguard.
- Fully bonded to metal socket.



Available in 10 patterns.  
 Left to Right: Taper Mouth, Spade, Square Mouth, Contractors' Fork, Rabbiting Spade, Round Mouth, Newcastle Drainer, Narrow Trench, Cable Layer, Grafter

STANDARD LENGTH FORKS, SHOVELS and SPADES

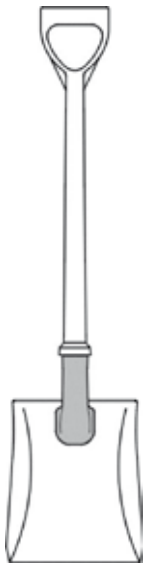
PART No.	DESCRIPTION	shaft to blade shoulder, nominal	blade length	blade width
INSULATED SHOVEL, ROUND MOUTH				
		710mm (28")	320mm (12.5")	255mm (10")
SV01IT/O/P	plastic YD grip			
SV01IT/O/PTR	plastic YD grip ; treaded			
INSULATED SHOVEL, NARROW TRENCH				
		710mm (28")	280mm (11")	190mm (7.5")
SV26IT/O/P	plastic YD grip			
SV26IT/O/PTR	plastic YD grip ; treaded			
INSULATED CABLE LAYER				
		710mm (28")	280mm (11")	140mm (5.5")
SV07IT/O/P	plastic YD grip			
SV07IT/O/PTR	plastic YD grip ; treaded			
INSULATED NEWCASTLE DRAINER				
		710mm (28")	405mm (16")	178mm (7")
SV53IT/O/P	plastic YD grip			
SV53IT/O/PTR	plastic YD grip ; treaded			
INSULATED GRAFTER				
		710mm (28")	320mm (12.5")	165mm (6.5")
SV31IT/O/P	plastic YD grip			
SV31IT/O/PTR	plastic YD grip ; treaded			
INSULATED RABBITING SPADE				
		710mm (28")	270mm (10.5")	140mm (5.5")
SP44IT/O/P	plastic YD grip			
SP44IT/O/PTR	plastic YD grip ; treaded			
INSULATED GENERAL SERVICE SHOVEL				
		710mm (28")	270mm (10.5")	205mm (8")
SV35IT/O/P	plastic YD grip ; forward flat tread			

POWER PYLON SHOVELS & SPADES

The NUPLA POWER PYLON socket is a totally new concept in digging tools. By replacing the necked metal socket in traditional tools with a uniquely designed rigid, fibreglass-reinforced socket, POWER PYLON SHOVELS AND SPADES are significantly lighter weight than traditional versions. Being lighter than the traditional tools, POWER PYLON tools reduce fatigue for the user.

POWER PYLON tools conform to BS3388 and perform to British Standards for digging tools. They are not intended as alternatives for the JAFCO tools designed for extreme wear and conditions of use (pages 6-7), but are suitable for lighter duty uses.

All POWER PYLON tools conform to BS3388 and BS8020:2011, and are individually electrically tested to the requirements of BS8020:2011. The POWER PYLON socket is electrically non-conductive and requires no insulating covering.



SQUARE MOUTH



ROUND MOUTH



DIGGING SPADE /  
TRENCH SHOVEL



DRAINER

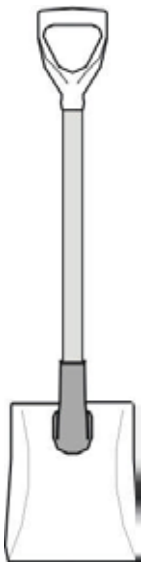
PART No.	DESCRIPTION	overall length	blade length	blade width
INSULATED E-SERIES POWER PYLON SHOVELS & SPADES - sleeved fibreglass-cored shaft, integral D-grip, orange				
SP14DP/IT/O	E-Series - Square Mouth Shovel	990mm (39")	295mm (11 <sup>1</sup> / <sub>2</sub> ")	245mm (9 <sup>1</sup> / <sub>2</sub> ")
RP14DP/IT/O	E-Series - Round Mouth Shovel	990mm (39")	295mm (11 <sup>1</sup> / <sub>2</sub> ")	220mm (8 <sup>3</sup> / <sub>4</sub> ")
GS14DP/IT/O	E-Series - Digging Spade / Trench Shovel	990mm (39")	295mm (11 <sup>1</sup> / <sub>2</sub> ")	175mm (7")
SS14DP/IT/O	E-Series - Drainer	1030mm (40 <sup>1</sup> / <sub>2</sub> ")	350mm (13 <sup>3</sup> / <sub>4</sub> ")	140mm (5 <sup>1</sup> / <sub>2</sub> ")



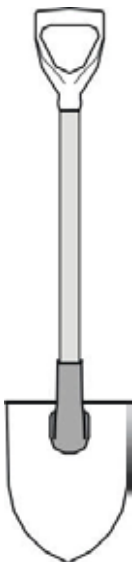
POWER PYLON SHOVELS & SPADES

JAFCO INSULATED LIGHTWEIGHT POWER PYLON TOOLS are available in two versions :

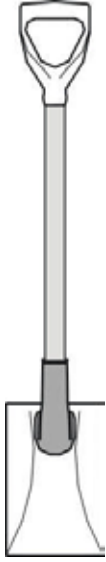
- **E-SERIES,** having NUPLAGLAS-cored shafts with contoured orange sleeving incorporating integral D grips ( page 8, opposite )
- 
- **CLASSIC,** having heavier solid NUPLAGLAS orange shafts with plastic YD grips (page 9, this page )



SQUARE MOUTH



ROUND MOUTH



DIGGING SPADE /  
TRENCH SHOVEL



DRAINER

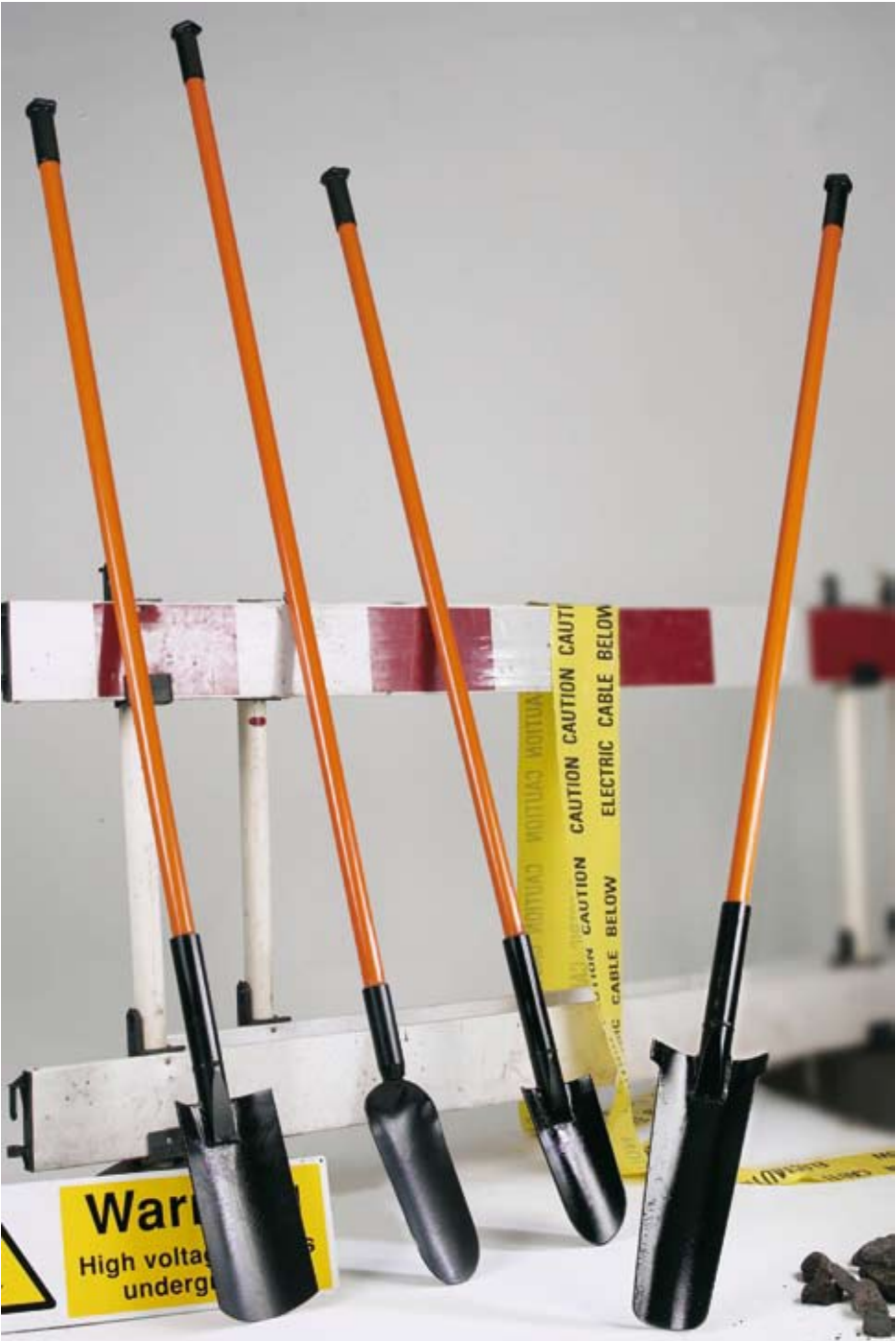
PART No.	DESCRIPTION	overall length	blade length	blade width
INSULATED POWER PYLON CLASSIC SHOVELS & SPADES - solid orange fibreglass shaft, black plastic YD-grip				
SP14PD/PC/IT/O	Classic - Square Mouth Shovel	990mm (39")	295mm (11½")	245mm (9½")
RP14PD/PC/IT/O	Classic - Round Mouth Shovel	990mm (39")	295mm (11½")	220mm (8¾")
GS14PD/PC/IT/O	Classic - Digging Spade / Trench Shovel	990mm (39")	295mm (11½")	175mm (7")
SS14PD/PC/IT/O	Classic - Drainer	1030mm (40½")	350mm (13¾")	140mm (5½")

INSULATED  
LONG-HANDLED SPADES

Special JAFCO designs for deep and restricted excavations, and difficult ground conditions.

Detail photographs show Standard (left) and Heavy Duty (right) versions.

The Heavy Duty versions, recommended for street lighting work, have a heavy duty JAFCO-designed super-socket welded to the blade, and large diameter shafts.





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Insulated Newcastle Drainer



Insulated Grafter



Insulated GPO Rabbeting Spade



Insulated Spade

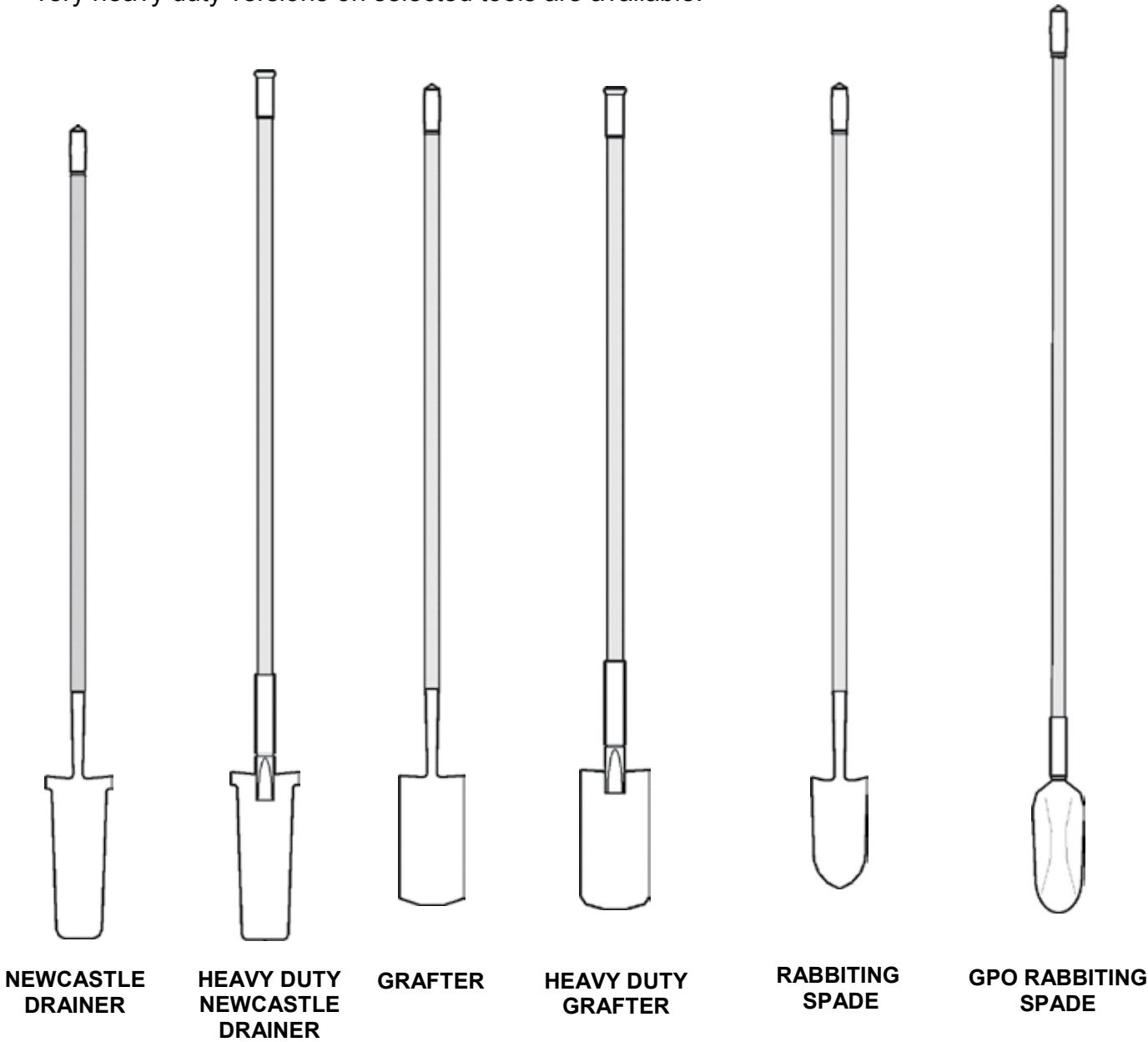
LONG HANDLED SPADES

JAFCO has developed special INSULATED LONG-HANDLED SPADES, including GRAFTERS, DRAINERS, RABBITTING SPADES and GPO RABBITTING SPADES, designed for deep and restricted excavations and difficult ground conditions where wear is heavy, common in work such as street lighting, highway works and fencing.

Heavy duty versions of the NEWCASTLE DRAINER, GRAFTER, and RABBITTING SPADE are available. The heavy duty tools have a larger diameter shaft and a heavy duty JAFCO-designed super-socket welded to the blade, increasing the strength of the throat of the blade and the socket itself, improving impact performance where ground is compacted or stony.

In exceptional circumstances, JAFCO can offer very heavy duty 38mm (1½") diameter fibreglass shafts.

Lengths can be shortened to suit individual preferences, and longer lengths on heavy duty and very heavy duty versions on selected tools are available.



LONG HANDLED SPADES

INSULATED LONG HANDLED SPADES have orange solid NUPLAGLAS fibreglass shafts bonded to the sockets. Every tool is individually electrically tested. Blades conform to BS3388 for shape, dimensions and performance of tools.

The heavy duty versions have a large diameter shaft and a heavy duty JAFCO-designed super-socket welded to the blade.

PART No.	DESCRIPTION
<b>LONG INSULATED NEWCASTLE DRAINER</b>	
This blade is sometimes known as a 'Graft', but has a tapered, longer blade than the GRAFTER (see diagram opposite, and blade dimensions on page 5).	
SP34ND/O	STANDARD LONG INSULATED NEWCASTLE DRAINER - solid NUPLAGLAS fibreglass shaft, 32mm (1¼") dia. overall length 1980mm. (78")
SP34ND/HD/O	HEAVY DUTY LONG INSULATED NEWCASTLE DRAINER, with super-socket - solid NUPLAGLAS fibreglass shaft, 35mm (1⅜") dia. overall length 2055mm. (81") Longer lengths available by negotiation
<b>LONG INSULATED GRAFTER</b>	
Shape, dimensions and performance of GRAFTER blade as defined in BS 3388. (see diagram opposite, and blade dimensions on page 5).	
SP37GR/O	STANDARD LONG INSULATED GRAFTER - solid NUPLAGLAS fibreglass shaft, 32mm (1¼") dia. overall length 1980mm. (78")
SP37GR/HD/O	HEAVY DUTY LONG INSULATED GRAFTER, with super-socket - solid NUPLAGLAS fibreglass shaft, 35mm (1⅜") dia. overall length 1980mm. (78") Longer lengths available by negotiation.
<b>LONG INSULATED RABBITTING SPADE</b>	
(see diagram opposite, and blade dimensions on page 5).	
SP44RS/O	STANDARD LONG INSULATED RABBITTING SPADE - solid NUPLAGLAS fibreglass shaft, 32mm (1¼") dia. overall length 1930mm. (76")
SP44RS/HD/O	HEAVY DUTY LONG INSULATED RABBITTING SPADE, with super-socket - solid NUPLAGLAS fibreglass shaft, 35mm (1⅜") dia. overall length 1930mm. (76") Longer lengths available by negotiation.
<b>INSULATED GPO RABBITTING SPADE</b>	
Occasionally preferred where soil removal is considered an important requirement. Bulldog 5391 (GPO) blade, welded socket.	
SP72RB/2/O	STANDARD INSULATED GPO RABBITTING SPADE - solid NUPLAGLAS fibreglass shaft, 32mm (1¼") dia. overall length 2200mm. (87")
SP72RB/3/O	HEAVY DUTY INSULATED GPO RABBITTING SPADE. - solid NUPLAGLAS fibreglass shaft, 35mm (1⅜") dia. overall length 2200mm. (87")



**CROWBARS and DIGGING BARS**

Crowbars and Digging bars are essential tools for ground operations. JAFCO has developed a range of INSULATED CROWBARS and DIGGING BARS with NUPLAGLAS fibreglass shafts to reduce the risks to operator safety from cable strike, when underground cables may be present.

For safe use INSULATED CROWBARS and DIGGING BARS are only available as single ended. With choice of chisel or point or heel carbon steel ends (EN8 or equivalent) in INSULATED CROWBARS, and chisel or point ends in INSULATED DIGGING BARS. Fibreglass shaft size has been selected to optimise breaking strength and deflection (bend) of these tools in use.

JAFCO INSULATED CROWBARS and INSULATED DIGGING BARS have solid orange NUPLAGLAS fibreglass shafts bonded to the heads, and every tool is individually electrically tested.

CROWBARS are used for digging in normal ground conditions and levering, and the steel chisel/point/heel end has a long steel shank to allow use in levering tasks. The heel-ended crowbar is recommended where the user's policy is to avoid use of bars with vertical cutting edges in ground where buried services may be present.

DIGGING BARS are used almost exclusively for digging, especially in difficult ground conditions, and have a heavier chisel/point end than those offered on JAFCO CROWBARS.

PLEASE NOTE : For slewing bars and crowbars for Railway Track Maintenance work, see the JAFCO RAILWAY TRACK TOOLS brochure or ask us for advice; crowbars in this brochure are not suitable for slewing rail.



CROWBAR : CHISEL



DIGGING BAR : CHISEL

**CROWBARS and DIGGING BARS**

PART No.	DESCRIPTION
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**INSULATED CROWBARS**

Single-ended with heavy duty black vinyl grip. Orange NUPLAGLAS fibreglass shaft. Chisel, point or heel ends.  
Standard length 1.5m (60"), or to user specification.

( Heavy duty NUPLAGLAS shaft, 38mm. dia. available, subject to enquiry)

	- solid NUPLAGLAS fibreglass shaft, 35mm. (1 <sup>3</sup> / <sub>8</sub> " dia. Length 1.5m. (60"), 3.8kg.
CB60IT/ST/C/G/O	Chisel end.
CB60IT/ST/P/G/O	Point end.
CB60IT/ST/H/G/O	Heel end

**INSULATED DIGGING BARS**

Single-ended with heavy duty black vinyl grip. Orange NUPLAGLAS fibreglass shaft.  
Standard length 1.8m (71"), or to user specification.

( Heavy duty NUPLAGLAS shaft, 38mm. dia. available, subject to enquiry)

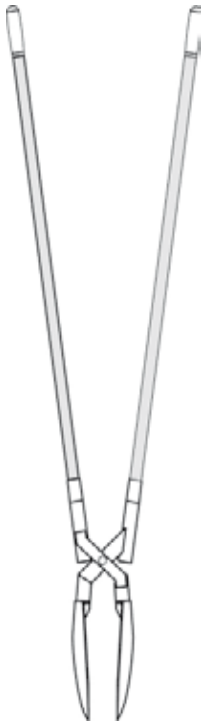
	LIGHT DUTY INSULATED DIGGING BAR - solid NUPLAGLAS fibreglass shaft, 32mm. (1 <sup>1</sup> / <sub>4</sub> " dia. Length 1.8m. (71"), 4.8kg.
DB72IT/LT/C/G/O	Chisel end.
DB72IT/LT/P/G/O	Point end.
	STANDARD INSULATED DIGGING BAR - solid NUPLAGLAS fibreglass shaft, 35mm. (1 <sup>3</sup> / <sub>8</sub> " dia. Length 1.8m. (71"), 5.1kg
DB72IT/ST/C/G/O	Chisel end.
DB72IT/ST/P/G/O	Point end.



CONTRACTORS’ TOOLS

HEAVY DUTY INSULATED SHOVELHOLER

The JAFCO HEAVY DUTY INSULATED SHOVELHOLER is for digging and clearing spoil in narrow holes which restrict the use of standard spades. The HEAVY DUTY INSULATED SHOVELHOLER should not be used directly on solid surfaces such as tarmac and concrete, etc, or on hard and stony ground, which first must be broken with the appropriate DIGGING BAR (see pages 12-13). JAFCO’S HEAVY DUTY INSULATED SHOVELHOLER features high strength sockets and cross-over joint, fixed securely to solid orange NUPLAGLAS fibreglass handles with epoxy bond. The shafts are vertical when lifting the spoil to minimise fatigue and strain to the user’s back and arms. Jaw spread : 250mm (10”). Available in three lengths. Every JAFCO INSULATED SHOVELHOLER is individually electrically tested.



OPEN POSITION  
for initial entry



CLOSED POSITION  
for withdrawal of spoil



SIDE VIEW  
showing spade  
blade

PART No.	DESCRIPTION
----------	-------------

HEAVY DUTY INSULATED SHOVELHOLER

SC48OS/2J/O	Solid NUPLAGLAS fibreglass handles,	overall length	1780mm	( 70" )
SC62OS/2J/O	Solid NUPLAGLAS fibreglass handles,	overall length	2135mm	( 84" )
SC72OS/2J/O	Solid NUPLAGLAS fibreglass handles,	overall length	2390mm	( 94" )



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NARROW BLADED  
INSULATED SHOVELHOLER

As robust as the conventional heavy duty Jafco Shovelholer but with reduced blade width.  
Width of blade 7” tapering to 6.25” at blade arc.

PART No	STANDARD BLADE	NARROW BLADE
70”	SC48OS/2J/O	SC48OS/3J/N/O
84”	SC62OS/2J/O	SC62OS/3J/N/O
94”	SC72OS/2J/O	SC72OS/3J/N/O



Standard 8.75 Blade



Narrow Blade



Standard 8.75 Blade



Narrow Blade



CONTRACTORS’ TOOLS

INSULATED POST HOLE DIGGER

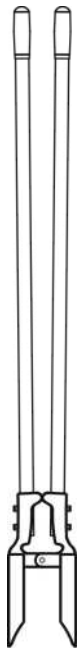
The JAFCO INSULATED POST HOLE DIGGER is designed for light digging and clearing spoil for fence posts requiring a small diameter hole. For heavy digging (compacted, stony ground, etc.) the POST HOLE DIGGER should be used in conjunction with a DIGGING BAR (see pages 12-13).

JAFCO’S INSULATED POST HOLE DIGGER features specially designed forged blades ( jaw spread 162mm (6<sup>1</sup>/<sub>2</sub>” ) , and orange NUPLAGLAS fibreglass handles. The head is securely bolted to the NUPLAGLAS handles.

Standard 1200mm (48”) handle.

Every JAFCO INSULATED POST HOLE DIGGER is individually electrically tested.

POST HOLE DIGGER



PART No.	DESCRIPTION
INSULATED POST HOLE DIGGER	
PHD4/1J/O	Orange NUPLAGLAS fibreglass handles, overall length 1475mm (59")

INSULATED CROWBARS,  
DIGGING BARS, SHOVELHOLERS  
& HAMMERS

Single-ended with heavy duty black vinyl grips.

Chisel or point carbon steel ends.

Shovelholer for digging and clearing spoil; available in 3 lengths.



Crowbars (left) and Digging bars (right)



Hammers and Sledgehammers



**CONTRACTORS' TOOLS**

**INSULATED BREAKING HAMMER - CAST IRON PIPING**

The JAFCO INSULATED BREAKING HAMMERS were developed with National Grid (Transco) for the task of breaking old cast iron gas mains piping, and are used in the cast iron gas mains replacement programme.

These tools are designed for use in the vertical mode only, and should be used only by trained operatives in accordance with the safe system of work defined by the user organisation.

Solid orange NUPLA fibreglass shaft, 38mm. (1½") diameter.



PART No.	DESCRIPTION
<b>INSULATED BREAKING HAMMER</b>	
PB60BS/1J/O	INSULATED BREAKING HAMMER MARK I - solid NUPLAGLAS fibreglass shaft, orange, overall length 1500mm (60"), 10kg (22lb)
PB87BS/3J/O	INSULATED BREAKING HAMMER MARK III - solid NUPLAGLAS fibreglass shaft, orange, overall length 2220mm (87"), 16.5kg (36lb)

**INSULATED SOIL PROBE**

The JAFCO INSULATED SOIL PROBE was developed at the request of SCOTIA GAS NETWORKS, and is used to assist in identifying the locations of gas leaks.

Every JAFCO INSULATED SOIL PROBE is individually electrically tested.



PART No.	DESCRIPTION
<b>INSULATED SOIL PROBE</b>	
PB48TH/2J/O	INSULATED SOIL PROBE - solid NUPLAGLAS fibreglass shaft, orange, overall length 1270mm (50"),

**CONTRACTORS' TOOLS**

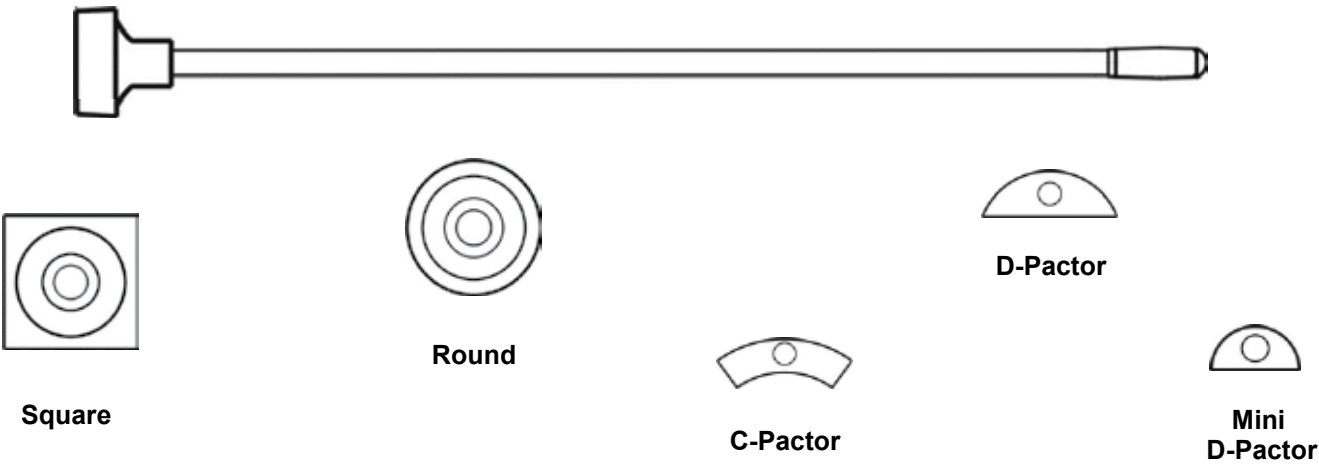
**PUNNERS & TAMPERS**

JAFCO INSULATED PUNNERS AND TAMPERS feature solid NUPLAGLAS handles, providing a strength and consistency not found in wooden handles.

In addition to the traditional Square- and Round-Head punners, the JAFCO range includes C- and D-Head designs which are ideal for compacting earth around lamp standards, telegraph poles and fencing posts.

Alternative handle lengths available on request.

Every JAFCO INSULATED PUNNER AND TAMPER is individually electrically tested.



PART No.	DESCRIPTION
<b>PUNNERS &amp; TAMPERS</b>	
PR10SQ/2R/OO	4.5kg (10lb) Square Punner, 1350mm (54") solid handle, orange
PR10RD/2R/OO	4.5kg (10lb) Round Punner, 1350mm (54") solid handle, orange
JP72IT/ST/C/O	'C' Pactor, 1800mm (72") solid handle, orange
JP72IT/ST/D/O	'D' Pactor, 1800mm (72") solid handle, orange
JP72MD/2J/O	Mini 'D' Pactor, 1800mm (72") solid handle, orange
JP54MD/2J/O	Mini 'D' Pactor, 1350mm (54") solid handle, orange



CONTRACTORS' TOOLS

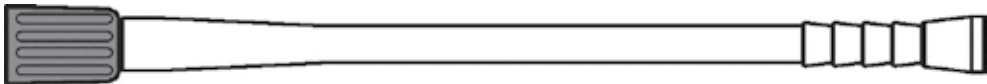
INSULATED PICK AXE HANDLES and HEADS

JAFCO'S INSULATED PICK HANDLES conform to British Standard BS 1421 and are designed to fit heads with No. 6 universal eye conforming to BS 1421.

INSULATED PICK HANDLES are the profiled E-Series design, consisting of a hard-wearing orange polypropylene sleeve, over an extra heavy-duty fibreglass core. The integral supergrip provides a safe hold for gloved hands.

Every JAFCO INSULATED PICK HANDLE is individually electrically tested.

( heads sold separately )



PART No.	DESCRIPTION
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**INSULATED PICK HANDLE**  
Heavy duty fibreglass core, orange polypropylene sleeve, integral supergrip.

EE-I-NS6-118/O INSULATED PICK HANDLE, SLEEVED E -SERIES, orange

PICK & MATTOCK HEADS

Heads only, for use with our JAFCO NUPLA pick handles.

Navy pick axe head, with chisel and point ends;  
Pick mattock with pick point and mattock ends;  
Grubbing mattock with cutter and mattock ends.



PICK AXE  
(chisel, point)



PICK MATTOCK

**PICK HEADS**  
Conforming to British Standard BS 1421.

H/NS6CP	PICK AXE HEAD	- chisel, point	3.2kg	(7lb).
H/NS6PM	PICK MATTOCK HEAD	- mattock, point	2.25kg	(5lb).
H/NS6GM	GRUBBING MATTOCK HEAD	- mattock, cutter	2.25kg	(5lb).



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INSULATED HAMMERS

All JAFCO INSULATED HAMMERS conform to BS876 AND BS8020:2011 and have orange NUPLAGLAS fibreglass shafts bonded to the heads. Every tool is individually electrically tested to 10,000 volts AC and certified to 1,000 volts in accordance with BS8020:2011.

Users should follow the advice on the safe use of Hand Hammers contained in British Standard BS876:1995.

Any striking tool is liable to chip if struck against another striking tool or other hardened metal surface.

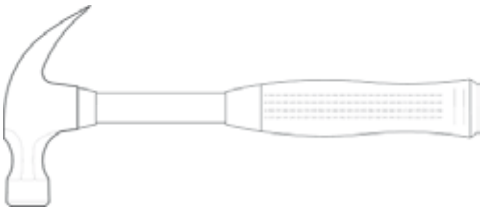
This may result not only in damage to the tool itself but possible bodily injury to the user from flying fragments.

USERS ARE ADVISED TO WEAR SAFETY GOGGLES

For railway applications please see the JAFCO RAILWAY TRACK TOOLS brochure, which includes specialised tools such as INSULATED KEYING HAMMERS and BRIDGE INSPECTION HAMMERS, and contains details of NETWORK RAIL Catalogue Numbers and LONDON UNDERGROUND Part Numbers and specifications.

PART No.	DESCRIPTION
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**INSULATED CLAW HAMMERS**  
Classic solid NUPLAGLAS orange fibreglass handle, with black "H Grip".



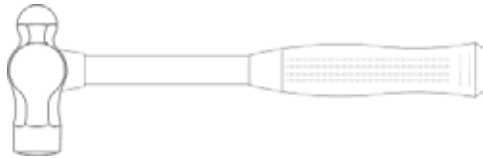
AC20BS/O	CLAW HAMMER, 20oz. overall length 13" ( 32mm.)
AC24BS/O	CLAW HAMMER, 24oz. overall length 14" ( 35mm.)

INSULATED HAMMERS

PART No.	DESCRIPTION
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INSULATED BALL PEIN HAMMERS

Classic solid NUPLAGLAS orange fibreglass handle, with black “H Grip”



BP24BS/O	BALL PEIN HAMMER, 24OZ. overall length 14” ( 35mm.)
BP32BS/O	BALL PEIN HAMMER, 32OZ. overall length 16” ( 40mm.)

INSULATED CLUB HAMMERS

Classic solid NUPLAGLAS orange fibreglass handle, with black “C Grip”.



CH25BS/O	CLUB HAMMER, 2.5LB. overall length 10” ( 25mm.)
CH40BS/O	CLUB HAMMER, 4LB. overall length 10” ( 25mm.)

INSULATED SLEDGEHAMMERS

E-series polypropylene sleeved NUPLAGLAS fibreglass handle in orange, with integral SUPERGRIP



DS04BS/O	SLEDGEHAMMER, 4LB. overall length 28” ( 70mm.)
DS07BS/O	SLEDGEHAMMER, 7LB. overall length 32” ( 80mm.)
DS10BS/O	SLEDGEHAMMER, 10LB. overall length 36” ( 90mm.)
DS14BS/O	SLEDGEHAMMER, 14LB. overall length 36” ( 90mm.)

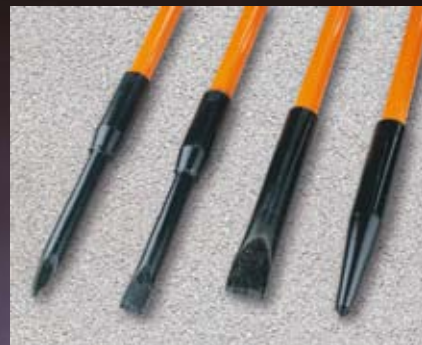
Sledgehammers are also available with solid NUPLAGLAS orange fibreglass Classic style handle, with black “C grip”



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**HANDLES**