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### **Jafco Product Guide**

For further information on our extensive product range please visit our

Website www.jafcotools.com
Or email our sales office sales@jafcotools.com

### Jafco Tools Ltd.

Anchor Lane, Bilston WV14 9NE







### Jafco Tools Ltd. (established in 1981)

Jafco Tools Limited are renowned for the manufacture of specialist hand tools for use in safety critical situations.

No one demands more from their tools than professionals who work in environments where safety and performance are key.

The majority of our extensive tool range features the significant advantages of Pultruded Fibreglass Handles.

Jafco is committed to continuous product development and we have conducted extensive research to produce our own high specifications, ensuring that our specialised tools are designed to deliver superior strength, performance and durability in all situations.

We are also extremely active in the field of customer project development, we work closely with our clients to help them achieve their final product goals.





### Standards & Features



There are two British Standards that cover insulated products

BS 8020:2011 and BS EN 60900:2012

BS8020:2011

"insulated hand tools for work on or near conductor rail systems operating at voltages up to 1000 V a.c. or 1500 V d.c".

Tools such as shovels, spades, sledge hammers, crowbars and rail specific tools are covered by this standard.

Jafco products that are BS 8020:2011 compliant are identified and tested in the following manner:

The mechanical specifications of insulated tools shall conform to the relevant requirements of the appropriate British Standard for an uninsulated tool.

### BS EN 60900:2012

"hand tools for use up to 1000 V a.c. and 1500 V d.c". Tools such as screwdrivers, sockets and pliers are covered by this standard.

## **Marking**

Legibly and permanently marked with the following:

- Manufacturer's name or trade mark or other identification.
- Unique batch alpha code
- Year of manufacture
- Double triangle symbol with working voltage
- BS Number of the relevant standard

## **Key Features**

#### **Electrical**

- Tested to 10000V a.c.
- Pre-conditioned tool type test
- Pre-conditioned material type test
- Routine test of all finished tools

#### **Mechanical**

Conformance with relevant:

- British Standards for tools
- Rail industry specifications
- Additional strength and deflection requirements

#### Certification

- Unique marking for full traceability





### **In-House Testing Facilities**



## **Testing**

Type test: carried out on at least 3 insulating hand tools that are representative of the tool category.

#### **Temperature test:**

Materials & Finished Product:
Cooling chamber for 2 Hours at (-20) °c
Heat Chamber for 2 Hours at (70) °c

#### **Abrasion test:**

Over-guard & Under guard material has to be of a suitable hardness to ensure durability

**Grip adhesion test:** If applicable

Handle pull apart test

Handle bend test

**Insulation bond test** 

**Electrical test:** Insulating material:

A voltage of 10 kVa a.c.(r.m.s) 50 Hz is applied continuously for 3 minutes with no electrical breakdown and the leakage not exceeding 1mA.

In all cases this test is carried out after conditioning (soaking for 24hrs and wiping dry)

**Electrical test:** Finishing tool:

A voltage of 10 kVa a.c.(r.m.s) 50 Hz is applied continuously for 3 minutes with no electrical breakdown and the leakage not exceeding 1mA. This is carried out whilst the tool is immersed in tap water up to a level of 24mm from the nearest non-insulated part of the tool.

#### Flammability test:

on one sample of each different insulating materials.

#### Routine test:

Carried out on all finished insulated hand tools

- Visual check
- Electrical test no conditioning and the duration of the test is 1 minute.

#### Sample test:

Insulating material one sample from each batch.

### **Finished Product**

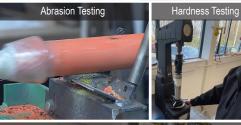
Tested as per the type tests – sample size for testing would depend on the batch size.

Jafco Tools batch sizes would mean the number of pieces for sample testing would be typically 5 pieces.

Records of all the tests that are carried out are kept for a minimum of 7 years.













# Rail Track Tools

#### **Insulated and Non-Insulated**

Jafco is the major supplier in the U.K. of insulated and non-insulated railway track maintenance tools.

The Jafco track tool range has been developed over many years, in partnership with London Underground and Network Rail (formerly British Rail).

Designed for working on or near live electrified track systems and non-electrified track conditions. Insulated track tools conform to BS 8020:2011

(See pages: 5 & 6 for Standards, Features and In-House Testing Facilities)





# Insulated Open Jaw & Ratchet Spanners





Insulated Open Jaw & Ratchet Spanners		
No.	Codes	Description
Key:	BR/NR Catalogu	example : FBP158/O e Code example : 0039/052052 ode example : LU610/9535
1	FBP158/O 0039/052052	G/P Patrolman's Fishbolt Spanner for 1.5/8" Sq. nuts - Overall length 36" Open
	FBP158/OU LU610/9535	Jaw (Straight)
2	FBAC/O LU610/9708	'A' Chair Fishbolt Spanner for 1.3/4" Sq.nuts with slimmer head - Overall length 36" Open Jaw - Head thickness 22mm
3	BJ48/O LU610/9690	Block Joint Spanner for insulated block joints (London Underground) Overall length 48" 1.7/8" AF Open Jaw - Head marked BJ
4	FBP134/O 0039/052051	G/P Patrolman's Fishbolt Spanner for 1.3/4" Sq. nuts - Overall length 36"Open Jaw (Straight)
5	FBP134/OU LU610/9540	Crossing Spanner for 1.3/4" Sq. nuts - Overall length 48" Modified Jaw

Insulated Open Jaw & Ratchet Spanners		
No.	Codes	Description
6	FBRO/O 0039/052072	Run-On Fishbolt Spanner for 1.5/8" Sq. nuts - Overall length 15" Open Jaw (Straight) 20mm head thickness
7	FBCN/O 0039/052071	Check Rail Fishbolt Spanner for 1.5/8" Sq. nuts - Overall length 35" Open Jaw
•	FBCL/O LU610/9562	(Straight) 20mm head thickness - for use on nuts inside the check rail
8	FBMP/O 0039/052305	Patrolman's Multi-Purpose Fishbolt Spanner for 1.5/8" & 1.7/8" Sq. nuts - Overall length 995mm
0	FBMPL/O LU610/9746	- Designed for occasional use to knock in keys
9	FBC178/O 0039/052029	Fishbolt Spanner for Conductor Rail - 1.7/16" AF Open Jaw - Cranked
10	RSR158/O 0039/052306	Ratchet Spanner Reversible
10	RSR158/OU LU610/9650	- Remote Switching (Lowell) for 1.5/8" Sq. Nuts Overall length 38"
10a	RSR158H/O LU610/9521	Ratchet Spanner Reversible - Remote Switching (Lowell) for 1.5/8" Hx. nuts Overall length 38"

<b>Insulated Open Jaw &amp; Ratchet Spanners</b>		
No.	Codes	Description
11	RSL158/O 0039/052307	Ratchet Spanner - Reverse Lever on Head (Hall) for 1.5/8" Sq. nuts - Overall length 36"
11a	RSL134/O LU610/9566	Ratchet Spanner - Reverse Lever on Head (Hall) for 1.3/4" Sq. nuts - Overall length 36"
12	RD3436R/O 0111/120345	Reversible 3/4" Shallow Depth Switch Ratchet Drive - Overall length 36" - 3/4"- 1" Adaptor Available
12a	RD34R/O 0111/120346 LU610/9764	Reversible 3/4" Shallow Depth Switch Ratchet Drive - Overall length 48" - 3/4"- 1" Adaptor Available
13	DA1925	Adaptor 3/4" - 1" (Drive Adaptor for RD3436R/O & RD34R/O)
14	FBS48HX/O 0039/052312	First Bolt Installation Socket Spanner - Overall length 38"



# Insulated Drive Handle Tee Drivers & A/M Impact Sockets





Insulated Drive Handle Tee Drivers & A/M Impact Sockets			
No.	Codes	Description	
Key:		example : DH2218/O e Code example : 0094/008038	
1	DH2218/O 0094/008038	Drive Handle 22mm dia. Spigot - Overall length 18" (450mm)	
1a	DH2224/O 0094/008037	Drive Handle 22mm dia. Spigot - Overall length 24" (600mm)	
2	TD234/O	Tee Driver No.2 - 3/4" (19mm) Sq. Torque 170lbs ft (225Nm) - Overall length 30"	
3	TD434/O	Tee Driver No.4 - 3/4" (19mm) Sq. Torque 220lbs ft (300Nm) - Overall length 28"	
4	TD51/O 0039/127041	Tee Driver No.5 - 1" (25mm) Sq. Torque 220lbs ft (300Nm) - Overall length 28"	
5	IS25R/2128	1" Drive x 21mm x 28mm Rectangular Impact Socket for Euro Rail Fastenings	

Insulated Drive Handle Tee Drivers & A/M Impact Sockets		
No.	Codes	Description
6	IS25HX/39	1" Drive x 39mm Hexagon Impact Socket for Euro Rail Fastenings
7	IS25SQ/35	1" Drive x 1.3/8" (35mm) Square Impact Socket
8	IS25SQ/30	1" Drive x 1.3/16" (30mm) Square Impact Socket
9	IS19BQ/25	3/4" Drive x 1" (25mm) Bi-Square Impact Socket



# **Insulated Tee Spanners**





Insulated Tee Spanners		
No.	Codes	Description
Key:	BR/NR Catalogu	example : TS78NR/O e Code example : 0039/052068 ode example : LU610/9563
1	TS78NR/O 0039/052068	Box Tee Spanner 7/8" Square Socket for 1/2" Coach Screws - For N/R - CR Insulator - Overall length 30"
1a	TS78LU/O LU610/9563	Box Tee Spanner 7/8" Square Socket for 1/2" Coach Screws - For L/U (wooden sleepers) Overall length 30"
2	TS7838/O 0039/127036	Box Tee Spanner 7/8" Square Socket for 1/2" Coach Screws - For N/R - CR Insulator Overall length 38" (960mm)
3	TS39HX/O 0039/052301	Box Tee Spanner with 39mm HEX Euro Rail Fastenings
4	TS21R/O 0039/052303	Box Tee Spanner with 21mm x 28mm Rectangular for Euro Rail Fastenings
5	TS1BS/O LU610/9672	Box Tee Spanner 1" Bi-Square L/U - For Slipper Runs - 1" Bi-Square Socket

	lated Tee S	
No.	Codes	Description
6	TS20HX/O 0039/052297	Box Tee Spanner with 20mm Hex Hilti Bolt for CR Insulators & Guard Boards
7	TSCLA/O LU610/9570	Box Tee Spanner L/U - For Central Line Anchors - Do not use L/U specification on N/R infrastructure
8	TS17HX/O LU610/9564	Box Tee Spanner 17mm HEX Socket L/U - For coach screws (concrete sleepers)
9	TS21HX/O LU610/9569	Box Tee Spanner 21mm HEX Socket L/U - For adjustment switch cups - 1/2 BSW (A/J Blocks)



# Insulated Self Cleaning Tee Spanners, Persuader Arm & See-Tru Spanners





Insulated Self Cleaning Tee Spanners, Persuader Arm & See-Tru Spanners			
No.	Codes	Description	
Key:	BR/NR Catalogu	example : TS1316/O e Code example : 0039/052263 ode example : LU610/9549	
1	TS1316/O 0039/052263	Box Tee Spanner 1.3/16" Sq. Socket for Chair Screw Spikes - Designed for NR or LU Self Cleaning -	
·	TS1316/OU LU610/9549	Persuader Arm Available : NR - PA939/O or LU - PA939/OU	
2	TS138/O 0039/052264	Box Tee Spanner 1.3/8" Sq. Socket for 1.5/16" T-Head Bolts (KT/ST), Scarf Joints, Nuts etc Self Cleaning	
_	TS138/OU LU610/9755	- Overall length 30" Persuader Arm Available : NR - PA939/O or LU - PA939/OU	
3	PA939/O 0039/000033	Persuader Arm for use with TS1316/O & TS138/O Tee Spanners to apply extra Torque direct to socket - Overall length 939mm	

Insulated Self Cleaning Tee Spanners,		
Persuader Arm & See-Tru Spanners		
No.	Codes	Description
3а	PA939/OU LU610/9718	Persuader Arm for use with TS1316/OU & TS138/OU Tee Spanners to apply extra Torque direct to socket - Overall length 939mm
4	STICB/O 0039/058579	See-Tru Insulator Clip Bolts - For Conductor rail insulator clip bolts (see-tru type) Combination screwdriver/box spanner - Fully insulated Fibreglass drive & shaft - Overall length 35.5" (900mm)
5	STICB415/O 0039/127037	See-Tru Insulator Clip Bolts - For Conductor rail insulator clip bolts (see-tru type) Combination screwdriver/box spanner - Fully insulated Fibreglass drive & shaft - Overall length 41.5" (1055mm)



# Insulated Hammers & Bridge Inspection Hammers





Insulated Hammers & Bridge Inspection Hammers		
No.	Codes	Description
Key:	Catalogue Code example : KH6CS/O  Key: BR/NR Catalogue Code example : 0039/034341  L/U Catalogue Code example : LU610/9556	
1	KH6CS/O 0039/034341	6lb Keying Hammer - Classic Style Handle c/w 6" Steel Overstrike Sleeve
2	KH6ES/O LU610/9556	6lb Keying Hammer - Polypropylene with Solid Fibreglass Core
3	KH10CS/O 0039/034340	10lb Keying Hammer - Classic Style Handle c/w 6" Steel Overstrike Sleeve
4	KH10ES/O LU610/9557	10lb Keying Hammer - Polypropylene with Solid Fibreglass Core
5	SH732/O	7lb Sledge Hammer - Polypropylene with Solid Fibreglass Core

Insulated Hammers & Bridge Inspection Hammers		
No.	Codes	Description
6	SH14CS/O 0039/030046	14lb Sledge Hammer
ь	SH14CSL/O LU52111/173	- Classic Style Handle - c/w 6" Steel Overstrike Sleeve
CH2510/O 2.5lb Club Hammer - Overall length 10"	2.5lb Club Hammer - Overall length 10" (250mm)	
7	CH410/O	4lb Club Hammer - Overall length 10" (250mm)
8	AC16BS/O	16oz Claw Hammer - Overall length 13" (325mm)
0	CLH20/O 0111/103499	20oz Claw Hammer - Overall length 13" (325mm)
	BP16BS/O	1lb Ball Pein Hammer - Fibreglass Handle - c/w Steel Overstrike Sleeve
9	BPH2N/O 0086/003805	2lb Ball Pein Hammer
	BPH2L/O LU52111/018	- Fibreglass Handle - c/w Steel Overstrike Sleeve

Insulated Hammers & Bridge Inspection Hammers		
No.	Codes	Description
10	BIH124/O 0039/127121	Bridge Inspection Hammer - 1lb Head with Point & Striking Face - Overall length 24"
11	BIH142/O URLT/003809	Bridge Inspection Hammer - 1lb Head with Point & Striking Face - Overall length 42"



# **Insulated Rail Manipulating Tools**





Insu	Insulated Rail Manipulating Tools		
No.	Codes	Description	
Key:	Catalogue Code example : SE/O BR/NR Catalogue Code example : 0039/017090 L/U Catalogue Code example : LU610/9551		
1	SE/O 0039/017090	Spike Extractor including Wedge	
2	SEW 0039/017089	SE Wedge for Spike Extractor - Suitable for both Insulated and All Metal	
3	SEEF 0039/017095	SE Extended Foot 165mm for Spike Extractor - Suitable for both Insulated and All Metal	
4	RLLN/O 0039/005040	Conductor Rail Lift Lever - Used in conjunction with special	
_	RLLL/O LU610/9551	bearing (fulcrum) block	
5	RRTBN/O 0039/001005	Ratchet Rail Turning Bar	
	RRTBL/O LU285/9508	- for turning Bull Head & Flat Rails	

Insu	lated Rail N	Manipulating Tools
No.	Codes	Description
6	RTBFB/O 0039/127049	Rail Turning Bar Non-Slip for Flat Bottom Rail - Zinc Plated
7	RTBBH/O 0039/002032	Rail Turning Bar for Bull Head Rail - Zinc Plated
8	JCHN/O 0039/031188	Japanese Cant Hook
0	JCHL/O LU285/9509	- For turning & manipulation of Bull Head Rails
9	SBRT/O 0039/069317	Stock Rail Bolt Retaining Tool - Flat Bottom
10	SP1158/O 0039/052309	Spannapuller Type 1 with Multi Purpose Fishbolt Spanner for (1.5/8" and 1.7/8" nuts) and Panpuller end - c/w Carrying Strap
11	SP2158/O 0039/052310	Spannapuller Type 2 with Angled Fishbolt Spanner for (1.5/8" nuts) and Panpuller end - c/w Carrying Strap
12	RCST 0039/058001	Replacement Carrying Strap for Spannapuller & Eclip Removal Tools





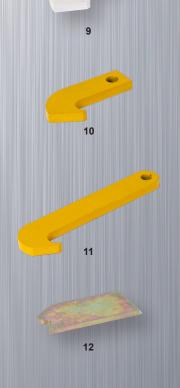
## **Insulated Pandrol Products**





Insu	lated Pandı	ol Products
No.	Codes	Description
Key:	Catalogue Code example : PPN/O BR/NR Catalogue Code example : 0039/040129 L/U Catalogue Code example : LU610/9510	
1	PPN/O 0039/040129	Panpuller - for manual installation
ľ	PPL/O LU610/9510	e, P & PR Series Rail Clips
2	PPT/O 0039/040133	ePlus Hand Tool MkII, for manual installation and extraction
3	PSN/O 0039/040133	Pansetter - for correctly locating the Pandrol clip housing and the rail foot
4	PSL/O LU610/9514	Pansetter - LU for correctly locating the Pandrol clip Shroud Removed
5	PLPN/O 0039/040135	Panlock Puller - for installation & extraction of Pandrol Brand Panlock
•	PLPL/O LU610/9646	Bull-Head Rail Fastenings

Insu	llated Pandi	rol Products
No.	Codes	Description
6	FCINS/O 0111/120089	Fast Clip Installation Tool (Yellow Head)
7	FCEX/O 0111/120087	Fast Clip Extractor Tool (Cream Head)
8	FCMUL/O 0111/120088	Fast Clip Sleeper Lifter (Blue Head)
9	PHEP/AM 0039/042741	Hook Panpuller ePlus, RT60, Short Reach
10	PHCD/AM 0039/042743	Hook Panpuller Universal
11	AE18069C24	Hook Panpuller Long Reach
12	HWG/AM 0039/030100	Hook Wear Gauge For Panpuller Hooks





# Insulated Pandrol Products, Slewing & Crowbar for Restricted Areas





	Insulated Pandrol Products, Slewing & Crowbar for Restricted Areas		
No.	Codes	Description	
Key:		example : FCINS/O e Code example : 0111/120089	
1	PPN24/O	Panpuller - For manual installation and removal of Pandrol brand: e, P & PR Series Rail Clips Overall length 600mm (24") T-Bar Handle - (For use in restricted areas)	
2	PSN24/O	Pansetter - For correctly locating the Pandrol clip housing and the rail foot Overall length 600mm (24") T-Bar Handle - (For use in restricted areas)	
3	FCINS24/0 0111/120185	Fast Clip Installation Tool (Yellow Head) Overall length 600mm (24") T-Bar Handle - (For use in restricted areas)	
4	FCEX24/O 0111/120186	Fast Clip Extractor Tool (Cream Head) Overall length 600mm (24") T-Bar Handle - (For use in restricted areas)	

No.	Codes	Restricted Areas  Description
5	FCMUL24/O 0111/120187	Fast Clip Sleeper Lifter (Blue Head) Overall length 600mm (24") T-Bar Handle - (For use in restricted areas)
6	SB113824/O	Slewing Bar 1" Hex Alloy Steel - Point End only - 1.3/8" dia. Shaft - Overall length 1m
7	CBC113824/O	Crowbar - 1.1/8" Chisel End only - 1.3/8" dia. Shaft - Overall length 800mm
8	CBH113824/O	Crowbar - 1.1/8" Heel End only - 1.3/8" dia. Shaft - Overall length 800mm



# **Insulated Eclip Removal Tools**





Insu	lated Eclip	Removal Tools
No.	Codes	Description
Key:	•	example : PCRT3/O e Code example : 0111/120194
1	PCRT3/O 0111/120194	Eclip Removal Tool with Cage Guard
2	PCRT4/O 0111/120193	Eclip Removal Tool with Hook Guard
3	PSB/O 0111/120195	Striker Bar - TO BE REPLACED AT JAFCO TOOLS
4	PSH/O 0111/120196	Striker Housing (Fibreglass Shaft) TO BE REPLACED AT JAFCO TOOLS



QR Code for video demonstration



# **Insulated Slewing Bars & Crowbars**





Insu	Insulated Slewing Bars & Crowbars		
No.	Codes	Description	
Key:	Catalogue Code example : SBPEN/O  Key: BR/NR Catalogue Code example : 0039/031123  L/U Catalogue Code example : LU35/9533		
1	SBPEN/O 0039/031123	Slewing Bar - 1" Hex Alloy Steel Point End only. - Overall length 60"	
2	SBCEL/O LU35/9533	Slewing Bar - Carbon Steel Heel 1.1/8" dia. & Alloy Steel Point 1" Hex Alloy - 1.3/8 dia. Shaft - Overall length 60" (For use on LU only)	
3	CBCEN/O 0039/031193	Crowbar - 1.1/8" Chisel End only - 1.3/8" dia. Shaft - Overall length 60"	
4	CBHEN/O 0039/031173	Crowbar - 1.1/8" Heel End only - 1.3/8" dia. Shaft - Overall length 60"	

Insulated Slewing Bars & Crowbars		
No.	Codes	Description
5	SBP112/O 0039/031223	Slewing Bar - 1" Hex Alloy steel point end only. - 1.1/2" dia. Shaft - Overall length 60"
6	CBC112/O 0039/031293	Crowbar - 1.1/8" Chisel end only. - 1.1/2" dia. Shaft - Overall length 60"
7	CBH112/O 0039/031273	Crowbar - 1.1/8" Heel end only. - 1.1/2" dia. Shaft - Overall length 60"
8	BP66/O URLT/011571	Beater Packer DLM - Overall length 66" (1675mm)
	5 6 7	5 SBP112/O 0039/031223  6 CBC112/O 0039/031293  7 CBH112/O 0039/031273  8 BP66/O



## **Insulated Rail Track Tools**





Insulated Rail Track Tools		
No.	Codes	Description
Key:	Catalogue Code example : PCNR/O BR/NR Catalogue Code example : 0039/005094 L/U Catalogue Code example : LU494/9501	
1	PCNR/O 0039/005094	Point Cleaner - For cleaning grease etc. From
L'	PCLU/O LU494/9501	points and compacted leaves and debris on rail heads.
2	LSDIN/O 0039/052272	Line Scraper/De-Icer - Used to remove Ice from Conductor Rails
	LSDIL/O LU610/9719	
3	PA16HD/O	Pad Scraper H/D - Overall length 28.3/4" (730mm)
4	PPNR/O 0039/040138	Paper Picker
4	PPLU/O LU824/98	- For Refuse Collection
5	LP40/O 0111/109791	Litter Picker - with Crocodile Jaw

Insulated Rail Track Tools		
No.	Codes	Description
6	LP58/O	Long litter picker/phone retriever - Overall length 58"
7	PAH36/O 0039/030047	Pick Handle
,	PAH36L/O LU610/9651	Universal Eye
8	PS/O	Pick Handle - To fit Pick Heads with No.6 Universal Eye
9	PAHCP7 0039/042665	7lb Chisel & Point Pick Head with No.6 Universal Eye
10	BPH6 0039/042675 LU910/9752	Beater Pick Head with No.6 Universal Eye
11	PHH7/O	7lb Chisel & Point Pick Head - Comes with PS/O Insulated pick handle
12	OB/O	Oiling Brush 50mm - For lubricating rail

Insu	lated Rail T	rack Tools
No.	Codes	Description
6	LP58/O	Long litter picker/phone retriever - Overall length 58"
7	PAH36/O 0039/030047	Pick Handle
1	PAH36L/O LU610/9651	- To fit Pick Heads with No.6 Universal Eye
8	PS/O	Pick Handle - To fit Pick Heads with No.6 Universal Eye
9	PAHCP7 0039/042665	7lb Chisel & Point Pick Head with No.6 Universal Eye
10	BPH6 0039/042675 LU910/9752	Beater Pick Head with No.6 Universal Eye
11	PHH7/O	7lb Chisel & Point Pick Head - Comes with PS/O Insulated pick handle
12	OB/O	Oiling Brush 50mm - For lubricating rail



## **Insulated Punches & Setts**





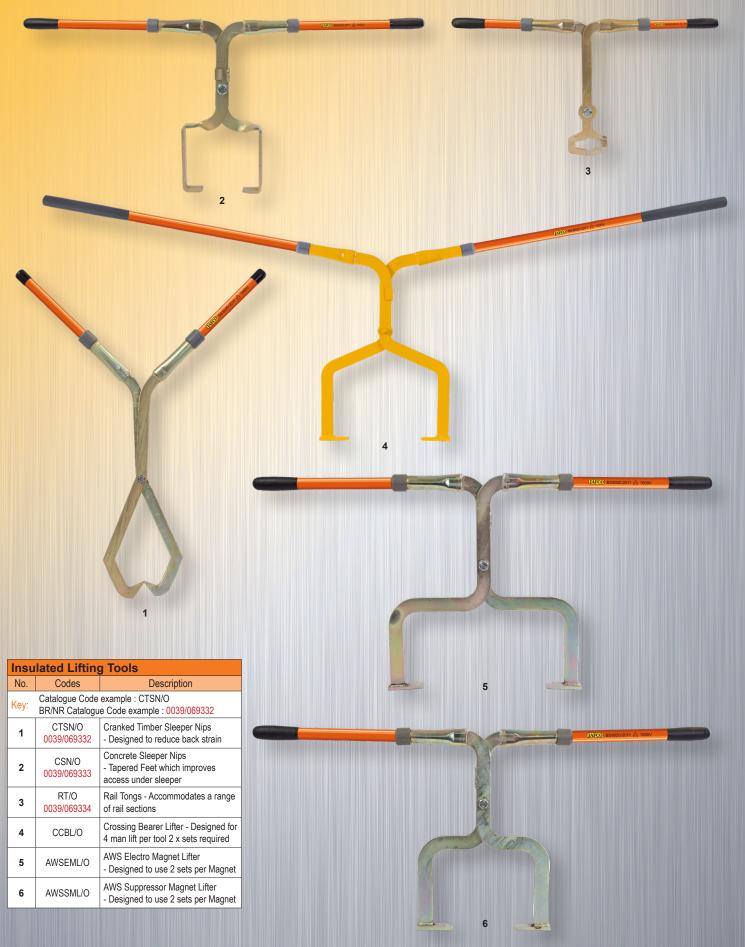
Insu	Insulated Punches & Setts		
No.	Codes	Description	
Key:	Catalogue Code example : KENR/O BR/NR Catalogue Code example : 0039/025017 L/U Catalogue Code example : LU610/9547		
1	KENR/O 0039/025017	Key Extractor - For removal of stubborn Wood and	
'	KELU/O LU610/9547	- For removal of stubborn wood and Steel keys - For Bull Head Rail	
2	HSNSN/O 0039/052271	Hexagon Sett (Nut Splitter) - For splitting frozen nuts & cutting bonds	
_	HSNSL/O LU610/9515		
3	TWNR/O 0039/084028	Taper Wedge (Rail Adjusting Wedge) - For opening out rail joints - not for	
	TWLU/O LU610/9548	cutting or chiselling	

Insulated Punches & Setts		
No.	Codes	Description
4	DP19FDN/O 0039/040136	Dolly Punch (Fang Drift) 19mm dia Punch Head Overall length 15"
4	DP19FDL/O LU610/9571	(385mm) - For removal of difficult bolts
5	DP19DN/O 0039/040139	Dolly Punch Short (Drift) 19mm dia. L60mm - Punch Head Overall length 8" (200mm) - To assist in removal of seized rail Fastenings
6	TP35DN/O 0039/040155	Tapered Punch (Drift) 35mm dia. (Tapered 35mm to 10mm dia.) - Punch Head Overall length 15" (385mm) - Used to assist the alignment of Fish Plates etc.



## **Insulated Lifting Tools**







## **Insulated Special Purpose Tools**







# **Insulated Special Purpose Tools**





Insu	Insulated Special Purpose Tools		
No.	Codes	Description	
Key:	•	example : PCT/O e Code example : 0039/127047	
1	PCT/O	Insulated Plug Coupler Tool - Overall length 18"	
2	BCT18/O 0039/127047	Bolt Cutters 18" (460mm) High Tensile - Cutting Capacity 1/4" (6.4mm) Cuts up to 50HRC	
2a	BCT24/O 0039/127048	Bolt Cutters 24" (610mm) High Tensile - Cutting Capacity 5/16" (7.9mm) Cuts up to 50HRC	
3	LMW/O 0094/007203	Lawton Measuring Wheel - Displays Metric & Imperial - Overall length 39.5" (1004)	
4	TMNC3	Measuring Tape 3m - Fibreglass Non-Conductive	

Insulated Special Purpose Tools		
No.	Codes	Description
5	IM/O 0094/007203	Inspection Mirror - Overall length 36" Mirror Size (L140mm x W125mm) with or without LED Torch - For inspecting rail bonds and general inspection
6	IML/O	Inspection Mirror - Overall length 50" (1270mm) Mirror Size (L140mm x W125mm) with or without LED Torch - For inspecting Ballast Loads etc. and general inspection.



## **Insulated Jack Handles**





Insu	Insulated Jack Handles		
No.	Codes	Description	
Key:	Catalogue Code example : JHDNR36/O BR/NR Catalogue Code example : 0039/030059 L/U Catalogue Code example : LU610/9617		
1	JHDNR36/O 0039/030059	Duff Norton Ratchet Jack 516MT & Simplex 85A R/Jack - 25mm dia. - 5 Ton Load - Overall length 36" (915mm)	
2	JHDNR60/O 0039/030058	Duff Norton Ratchet Jack 1022 & Simplex A1022 R/Jack - 32mm dia 10 Ton Load - Overall length 60" (1525mm)	
3	JHST66/O 0039/030041	Simplex Trip Jack A17 - 1.5" Square - 15 Ton Load - Overall length 66" (1675mm)	
3a	JHST48/O 0039/030063	Simplex Trip Jack A17 - 1.5" Square - 15 Ton Load - Overall length - 48" (1220mm) For use in tunnels and areas with restricted access	

Insu	lated Jack	K Handles
No.	Codes	Description
4	JHHT38/O 0039/030061	Hydraulic Track Jacks - Overall length 38.5" (980mm) 805BR-B, F1527-C, F1054-D, SB7417-J - 15mm Square Head
5	JHDNT48/O 0039/030062	Duff Norton Trip Jacks 117/117A - Conical Head - 7.5 Ton Load - Overall length 48" (1220mm)
Lon	don Undei	rground Codes
1	JHDR31L/O LU610/9617	Duff Norton Ratchet Jack 516MT & Simplex 85A R/Jack - 25mm dia 5 Ton Load - Overall length 31" (790mm)
2	JHDR38L/O LU610/9680	Duff Norton Ratchet Jack 1022 & Simplex A1022 R/Jack - 32mm dia 10 Ton Load - Overall length 38" (965mm)
2	JHDR60L/O LU610/9614	Duff Norton Ratchet Jack 1022 & Simplex A1022 R/Jack - 32mm dia 10 Ton Load - Overall length 60" (1525mm)

Insulated Jack Handles		
No.	Codes	Description
4	JHHT38L/O LU610/9632	Hydaulic Track Jacks - Overall length 38.5" (980mm) 805BR, F1054-D, SB7417-J - F500MK IV - 15mm Square Head



# Insulated Ballast & Contractors Tools





Insi	Insulated Ballast & Contractors Tools			
No.	Codes	Description		
Key:	Catalogue Code example : SBF14NR/O BR/NR Catalogue Code example : 0039/027418 L/U Catalogue Code example : LU610/9705			
1	SBF14NR/O 0039/027418	Traditional Ballast Fork		
'	SBF14LU/O LU610/9705	- (L340mm x W270mm) 13.5" x 10.5"		
2	SSM02N/O 0039/054901	No.2 Square Mouth Ballast Shovel - (L320mm x W255mm) 12.5" x 10"		
	SSM02LU/O LU610/9706			
3	STM01N/O 0039/052325	Taper Ballast Shovel - (L320mm x W255mm) 12.5" x 10"		
4	STS03N/O 0039/054903	Trench Ballast Shovel		
4	STS03LU/O LU610/9707	- (L280mm x W190mm) 11" x 7.5"		

Insulated Ballast & Contractors Tools		
No.	Codes	Description
5	SCH12N/O 0039/054902	Chipping Shovel (MSP) Head
3	SCH12L/O LU610/9561	- (L280mm x W255mm) 11" x 10"
6	SCF09N/O 0039/026029	Insulated 4 Tine Contractors Fork - Bonded Assembly
7	SUDS10ID/O URLT/014481	Insulated Treaded Spade - Bonded Assembly
8	STS10/O	Insulated Treaded Spade - Bonded Assembly
9	SRM06N/O 0039/052328	Insulated Round Mouth Shovel - Bonded Assembly
10	SCL04/O	Insulated Cable Layer - Bonded Assembly
11	SND05N/O 0039/052329	Insulated Newcastle Drainer - Bonded Assembly

l	Insulated Ballast & Contractors Tools		
	No.	Codes	Description
	12	SG08/O	Insulated Grafter - Bonded Assembly
	13	SRS11/O	Insulated Rabbiting Spade - Bonded Assembly
li			



## Insulated Heavy Duty Grafter, Shuv Holer's & Wheelbarrow





Insulated Heavy Duty Grafter, Shuv Holer's & Wheelbarrow			
No.	Codes	Description	
Key:		Catalogue Code example : WB4/O BR/NR Catalogue Code example : 0111/107210	
1	SG08HD/O URLT/020500	Insulated Grafter, H/D Super Socket - 1.3/8" (35mm) dia Overall length 78" (2055mm)	
2	DSH70/O URLT/017132	Insulated Shovel Holer - Overall length 70" (1780mm)	
3	DSH94/O 0111/107210	Insulated Shovel Holer - Overall length 94" (2390mm)	
4	WB/O 0111/120658	Insulated Heavy Duty Wheelbarrow - Load tested to 110kg	
5	RPT/O 0111/120675	Pneumatic Tyre for WB/O	
6	PIT 0111/120676	Pneumatic Inner Tube Replacement	

## Tested in accordance to BS8020:2011

- SANS 795 2014 (Edition 4.00)
- British Standard Pan Loading test for wheelbarrow is 110kg
- The suggested operational pan load is between 150kg 200kg
- · Corrosion and Rust resistant
- Tested and certified to 1000v
- Ergonomic handle design giving a comfort grip even when pan is fully loaded



# Insulated Trackside Vegetation Tools





Insulated Trackside Vegetation Tools			
No.	Codes	Description	
Key:		example : HF2PLU/O ode example : LU225/3	
1	HF2PLU/O LU225/3	2 Prong Hay/Pitch Fork - Overall length 72" (1830mm)	
2	MF72/O 0039/028032	4 Prong Manure Fork - Overall length 72" (1830mm)	
3	MD72/O	4 Prong Manure Drag Fork - Overall length 67"	
4	GS8/O	Grass Shear 8" (200mm) Carbon Steel Blade - Overall length 520mm	
5	BL63/O	By-Pass Lopper - Overall length 710mm	
6	BLA63/O	Anvil Lopper - Overall length 710mm	



# Insulated Trackside Vegetation Tools





Insulated Trackside Vegetation Tools		
No.	Codes	Description
Key:	Catalogue Code	example : TLS/O
1	TLS/O	Take-Apart Tree Lopper System Extends to 3.24m in 2 parts
2	H/OTLSM/S	Pruning Saw Attachment for TLS/O Tree Lopper System
3	H/OTLSM/H	Hook Head Attachment for TLS/O Tree Lopper System
4	BS36CS/O	H/D Brushing Hook - 36" Classic Handle
5	SDSEB/O	H/D Single Edge Dunse Slasher 36" Polypropylene Sleeve with Fibreglass Core
6	R12T/O	12 Tooth Rake - Overall length 54" (1370mm)
7	BPVC/O	H/D Broom PVC - 15/16" Dia. Hollow Fibreglass Shaft - Overall length 54" (1370mm)



# Non-Insulated Open Jaw, Ratchet & Tee Spanners





Non-Insulated Open Jaw, Ratchet & Tee Spanners			
No.	Codes	Description	
Key:	•	Catalogue Code example : FBP158/AM BR/NR Catalogue Code example : 0039/058605	
1	FBP158/AM 0039/058605	G/P Patrolman's Fishbolt Spanner for 1.5/8" Sq. nuts - Overall length 36" Open Jaw (Cranked) - All Metal	
2	FBP134/AM 0039/058600	G/P Patrolman's Fishbolt Spanner or Switch and Crossing (S&C) Spanner for 1.3/4" Sq. nuts - Overall length 36" - Open Jaw (Straight) - All Metal	
3	FBRO/AM 0039/058610	Run-On Fishbolt Spanner for 1.5/8" Sq. nuts - Overall length 15" - Open Jaw - All Metal	

Non-Insulated Open Jaw, Ratchet					
	& Tee Spanners				
No.	Codes	Description			
4	SBS114/AM 0039/058615	Stretcher Bar Bolt Spanner - For 1.1/4" (32mm) Square or Hex nuts - Open Jaw (Cranked) - All Metal - Point used for Alignment of Bolt Location			
5	RSL158/AM 0039/052308	Ratchet Spanner - Reverse Lever on Head (Hall) for 1.5/8" Sq. nuts - Overall length 36" - All Metal			
6	TS1316/AM 0039/058560	Tee Spanner 1.3/16" Sq. Socket for Chair Screw Spikes - Overall length 30" - Self Cleaning - All Metal			

Non-Insulated Open Jaw, Ratchet & Tee Spanners				
	No.	Codes	Description	
	7	TS138/AM 0039/058575	Tee Spanner 1.3/8" Sq. Socket for 1.5/16" T-Head Bolts (KT/ST) Nuts etc. - Overall length 30" - Self Cleaning - All Metal	
	8	TS39HX/AM 0039/052302	Tee Spanner with 39mm HEX for Euro Rail Fastenings - All Metal	
	9	TS21RE/AM 0039/052304	Tee Spanner 21mm x 28mm Rectangular for Euro Rail Fastenings - All Metal	



# Non-Insulated Hammers, Bridge Inspection Hammers & Slewing Bars JAFCO





Non-Insulated Hammers, Bridge Inspection Hammers & Slewing Bars				
No.	Codes	Description		
Key:	BR/NR Catalogu	example : KH6EES/Y e Code example : 0039/030068 ode example : LU35/9532		
1	KH6EES/Y 0039/030068	6lb Keying Hammer (BS876) - Polypropylene Sleeve with Fibreglass Core		
2	KH10EES/Y 0039/030066	10lb Keying Hammer (BS876) - Polypropylene Sleeve with Fibreglass Core		
3	BIH142/Y	1lb Bridge Inspection Hammer (Point & Striking Face) - Overall length 42"		
4	BIH124/Y	1lb Bridge Inspection Hammer (Point & Striking Face) - Overall length 24"		
5	SBHP/Y LU35/9532	Slewing Bar - Carbon Steel Heel & Alloy Steel Point 1" Hex - Overall length 60" (1525mm) Yellow		

Non-Insulated Hammers, Bridge Inspection Hammers & Slewing Bars				
No.	Codes	Description		
6	CBCE/AM 0039/001660	Crowbar Chisel End only - Alloy Steel 1" Hex - Overall length 60" (1525mm)		
7	SBPE/Y 0039/001820	Slewing Bar Point End only - Alloy Steel 1" Hex - Overall length 60" (1525mm)		
8	CBHE/AM 0039/001840	Crowbar Heel End only - Alloy Steel 1" Hex - Overall length 60" (1525mm)		



# Non Insulated Rail Manipulating Tools





Non	Non Insulated Rail Manipulating Tools			
No.	Codes	Description		
Key:	Catalogue Code example : SE/AM BR/NR Catalogue Code example : 0039/017100			
1	SE/AM 0039/017100	Spike Extractor - All Metal - 75mm Foot Length - Overall length 1380mm - Weight 8kg - Wedge not included		
2	SEW 0039/017089	SE Wedge For Spike Extractor - Suitable for Insulated and All Metal		
3	SEEF 0039/017095	SE Extended Foot For Spike Extractor - 165mm - Suitable for Insulated and All Metal		
4	RTBFB/AM 0039/127039	Rail Turning Bar Non-Slip - Flat Bottom Rail - All Metal Zinc Plated		
5	RTBBH/AM 0039/002033	Rail Turning Bar - Bull Head Rail - All Metal Zinc Plated		

Insulated F	Rail Manipulating Tools
Codes	Description
DCBSHC/AM 0039/001960	De-Clipping Bar For Removal of SHC Clips - All Metal - Overall length 50" (1270mm) - Weight 8.4kg
MCINS/AM 0039/127076	Mills Clip Installer - Overall length 52" (1325mm) - All Metal
DCBMC/AM URLT/008302	Mills Clip De-Clipping Bar - All Metal
SBRT/AM 0039/069318	Stock Rail Bolt Retaining Tool - Flat Bottom - All Metal
	Codes  DCBSHC/AM 0039/001960  MCINS/AM 0039/127076  DCBMC/AM URLT/008302  SBRT/AM



# **Non Insulated Pandrol Products**





Non Insulated Pandrol Products				
No.	Codes	Description		
Key:		e example : PP/AM ue Code example : 0039/042748		
1	PP/AM 0039/042748	Panpuller - for manual installation and removel of Pandrol brand e, P & PR Series Rail Clips		
2	PPLR/AM 0039/127074	Panpuller Long Reach (AE18069C24 Hook)		
3	PPT/AM 0039/042749	ePlus Hand Tool MKII For manual installation and extraction - (White) All Metal		
4	PS/AM 0039/042900	Pansetter - for correctly locating the Pandrol clip housing and the rail foot		
5	PPLP/AM 0040/060549	Panlock Puller For installation & extraction of Pandrol brand Panlock Bull-Head Rail Fastenings - (Yellow) All Metal		
6	FCINS/AM 0039/047850	Fast Clip Installation Tool - (Yellow) All Metal		

Non Insulated Pandrol Products				
No.	Codes	Description		
7	FCEX/AM 0039/047851	Fast Clip Extractor Tool - (Cream) All Metal		
8	FCMUL/AM 0039/047852	Fast Clip Sleeper Lifter - (Blue) All Metal		
9	PHEP/AM 0039/042741	Hook Panpuller ePlus RT60 Short Reach		
10	PHCD/AM 0039/042743	Hook Panpuller Universal		
11	AE18069C24	Hook Panpuller Long Reach		
12	HWG/AM 0039/030100	Hook Wear Gauge For Panpuller Hooks		

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# Non Insulated Punches, Setts & Special Purpose Tools





Non Insulated Punches, Setts & Special Purpose Tools				
No.	Codes Description			
Key:	Catalogue Code example : NSHX/AM BR/NR Catalogue Code example : 0039/036015			
1	NSHX/AM 0039/036015	Hexagon Sett (Nut Splitter) - For splitting frozen nuts & cutting bonds		
2	TW/AM TW/AM For Opening Out Rail Joints - Not designed for cutting and chiselling			
3	DP19FD/AM 0039/040153	(Punch Head Overall length 385mm)		

Non Insulated Punches, Setts & Special Purpose Tools				
No.	Codes	Description		
4	DP19DS/AM 0039/040154	Dolly Punch Short (Drift) 19mm dia. L60mm - Punch Head Overall length 8" (200mm) - To assist in removal of seized rail Fastenings		
5	TP35D/AM 0039/040156	Tapered Punch (Drift) - (Tapered 35mm to 10mm dia.) - Punch Head Overall length (385mm) - Used to assist the alignment of Fish Plates etc.		
6	PA16HD/AM/A	H/D Pad Scraper - Overall length 22.1/4" (565mm) Blade width 3" (75mm)		
7 PA16STD/AM - Overall Le		L/D Pad Scraper - Overall Length 16.5" (420mm) - Blade width 1.1/2" (40mm)		

Non Insulated Punches, Setts & Special Purpose Tools			
No.	Codes	Description	
8	PAHCP7 0039/042665	7lb Chisel & Point Pick Head with No.6 Universal Eye	
9	BPH6 0039/042675 LU910/9752	Beater Pick Head with No.6 Universal Eye	
10	PAHSH/Y	36" Pick Shaft - Polypropylene sleeve with fibreglass core	
11	TT60/Y 0111/102774	Timber Tester (Prodder) - Overall length 60" (1525mm)	



## Non Insulated Lifting Tools







## Non Insulated Tunnel Lance & **Tree Lopping System**





		unnel Lance &	Non Insulated Tunnel Lance &		
	Lopping S	<u></u>		Lopping S	
No.	Codes	Description	No.	Codes	Description
Key: Catalogue Code example : TATP60/Y BR/NR Catalogue Code example : 0050/567177		7	TPF60/Y	Fixed Length Tunnel Lance - Overall length 60" (1.5m)	
1	TATP60/Y 0050/567177	Take-Apart Tunnel Lance Head End - Overall length 60" (1.5m)	8	TLSN/Y URLT/019673	Take-Apart Tree Lopper System Extends to 3.24m in 2 parts
2	TATPH36	Take-Apart Tunnel Lance Head End - Overall length 36" (900mm)	9	H/OTLSM/S	Pruning Saw Attachment - for TLS/O Tree Lopper System
3	TATPB60/Y 0050/567176	Take-Apart Grip End - for Tunnel Lance - Overall length 60" (1.5m)	10	H/OTLSM/H	Hook Head Attachment - for TLS/O Tree Lopper System
4	TATPB36/Y	Take-Apart Grip End - for Tunnel Lance - Overall length 36" (900mm)			
5	TATPE60	Take-Apart Extension - for Tunnel Lance - Overall length 60" (1.5m)			
6	TATPE36	Take-Apart Extension - for Tunnel Lance - Overall length 36" (900mm)			





# Non Insulated Ballast & Contractors Tools











Non Insulated Ballast & Contractors Tools					
No.	Codes	Description			
Key:	Catalogue Code example : SBF14P/Y BR/NR Catalogue Code example : 0111/114019				
1	SBF14P/Y 0039/027419 LU5764/225	Traditional Ballast Fork - Bonded Assembly PYD - (L340mm x W270mm) 13.5" x 10.5" - Overall Length 40" (1m)			
	SBF1434/Y 0111/114019	Traditional Ballast Fork - Bonded Assembly PYD - (L340mm x W270mm) 13.5" x 10.5" - Overall Length 45"			
2	SBS02M/Y 0039/052268	Ballast Shovel No 2. Square Mouth - Bonded Assembly MYD - 10" x 12.5"			
3	STM01M/Y 0039/054963	Taper Mouth Shovel - Bonded Assembly MYD - 10" x 12.5"			
4	STS03M/Y 0039/052322	Narrow Trench Shovel - Bonded Assembly MYD			

Non Insulated Ballast & Contractors Tools				
No.	Codes Description			
5	SCF09M/Y	Contractor Fork - Bonded Assembly MYD		
6	SS10M/Y 0039/052277	Spade Treaded - Bonded Assembly MYD		
7	SRM06M/Y 0039/052326	Round Mouth Shovel - Bonded Assembly MYD		
	SMP13M/Y 0039/052323	Moulder's Packing Shovel - Bonded Assembly MYD - 9.5" x 12" - Overall length 39.5"		
8	SMP13LM/Y 0039/052324	Moulder's Packing Shovel - Bonded Assembly MYD - 9.5" x 12" - Overall length 45"		



## Non Insulated Ballast & **Contractors Tools**







Non Insulated Ballast &						
No.	Contractors Tools					
INO.	Codes	Description				
Key:	Catalogue Code example : SBS02P/Y BR/NR Catalogue Code example : 0039/052266					
1	SBS02P/Y 0039/052266	Ballast Shovel No 2. Square Mouth - 10" x 12.5" - Riveted Assembly - Polypropylene Sleeve with Fibreglass Core				
2	STM01RP/Y 0039/054964	Taper Mouth Shovel - Riveted Assembly - Polypropylene Sleeve with Fibreglass Core				
3	SRM06RP/Y 0039/052327	Round Mouth Shovel - Riveted Assembly - Polypropylene Sleeve with Fibreglass Core				





JAFCO) BS8020:2011 A 1000V

### **Product Updates**



**Design Improvement – October 2017** 

Insulated Flat Bottom Rail Turning Bar – Non-Slip, BR/NR Catalogue Code: 39/127049.

Jafco code: RTBFB/O

Following a design improvement to the head and trials conducted at various Network Rail locations, we have received positive feedback.

Network Rail have approved the new design and issued Jafco Tools with a new CAT No. 39/127049

Changed colour of coating to show new design and improve visual aid.

**Design Improvement – October 2017** 

Non-Insulated Flat Bottom Rail Turning Bar – Non-Slip Code: 39/127039.

Jafco code: RTBFB/AM

### Not for electrified track systems

Following a design improvement to the head and trials conducted at various Network Rail locations, we have received positive feedback.

Network Rail have approved the new design and issued Jafco Tools with a new CAT No. 39/127039

Changed colour of coating to show new design and improve visual aid.









## **Jafco Rail Specification Boots**



# Jafco J40 Rail Specification Boots (3 - 14)

- CE EN 20345:2011 S3 HRO
- Waterproof membrane Incorporated in outer shell
- · Slip resistant sole
- 300 Degree heat resistant
- Kevlar toe protection 200J
- Composite midsole & toecap
- Metal free
- Penetration resistant to 1100N
- Water resistant
- Antistatic properties
- Slip resistant



Jafco Rail Specification Boots

# Jafco J45 Met Guard Safety Boots (3 - 14)

- Metal Free
- Comfort Sole
- · Anti-Static
- Double Density Sole
- Waterproof
- Breathable
- Oil & Acid Resistant Outer Sole
- Slip Resistant
- 200 joule Toe Cap Protection
- Heat Resistant to 300 Degrees Centigrade
- 3M Thinsulate
- Xrd® Met Guard

**Metatarsal Protection** 



Jafco J45 Met Guard Safety Boots



## Jafco J65 Met & Ankle Protection Safety Boots (3 - 14)

- Metal Free
- Comfort Sole
- Anti-Static
- Double Density Sole
- Waterproof
- Breathable
- Oil and Acid Resistant Outer Sole
- Slip Resistant
- 200 joule Toe Cap Protection
- Heat Resistant Outsole to 300 degrees
- 3M Thinsulate
- Poron Metatarsal Protection
- Ankle Protection
- YKK Side Zip for quick removal
- Full grain cow leather

Jafco J65 Met & Ankle Protection Safety Boots



# Roadshow Vehicle: Rail Approved Tools







Jafco Tools Ltd.

Anchor Lane, Bilston WV14 9NE

Tel: +44 (0) 121-556 7700 Fax: +44 (0) 121-556 7788

website: www.jafcotools.com

or email our sales office : sales@jafcotools.com

























www.youtube.com/watch?v=\_007EG9B93U