

GREER

Exporting Company Ltd



Manufacturer's Agents to the Middle East & South East Asia

SPRING/ SUMMER 2016



Contents

- 3. Company Overview
- 4. AGS
- 6. Heldite/Kommerling
- 7. Horobin
- 17. Monument Tools
- 35. Backer
- 36. McApline
- 76. Celmac
- 85. Rastelli
- 93. TNJ
- 97. George Lancaster



Company Overview

Contents Page



UK Manufacturing

All our products originate from established British manufacturing companies, producing the highest quality of goods.

Where we Operate

We cover the Middle East, Sri Lanka and South East Asia.

W GREER LTD HAS BEEN MANUFACTURING, REPRESENTING AND DISTRIBUTING UK AND EUROPEAN MADE PRODUCTS TO THE MIDDLE EAST AND SOUTH EAST ASIA FOR THE LAST 50 YEARS.

This brochure details some of the more popular products on offer through W Greer Ltd. However, we manufacture, represent and distribute a wider range of products for all types of engineering and retail. For more details contact enquiries@wgreerltd.co.uk and we will be happy to assist with your requirements all the way through to delivery.



Andrew Greer & Sons (AGS) Ltd

Andrew Greer & Sons (AGS) is a leading producer of high quality anti-corrosion pipe-wrap from the UK. AGS also produce other products such as leaded and unleaded solder wire to the highest standard.

AGSSLD02 AGS SOLDER WIRE
CAPILLARY 3MM



AGSSLD01 AGS LEAD FREE SOLDER
WIRE 3MM



AGSFLUX AGS FLUXPASTE

AGS Fluxpaste is a self cleaning Soldering flux used for capillary joints on copper pipework, brass and mild steel.

AGS Fluxpaste is UK WRAS listed for both hot & cold water including potable water.



AGS PTFE THREAD SEAL Tape
Conforms to BS7786

12mm or 25mm width. 10m or 12m in length.





'AGS' GREASY PIPEWRAP INSULATING TAPE

An anti-corrosive non-cellulose waterproof membrane based on refined petroleum condensates with added inhibitors and moisture displacement agents. The carrier is a strong non degradable flexi-tape allowing accurate contour contact with virtual elimination of air pockets and loose wrap and ensuring excellent jointseal at overlaps. 'AGS' GREASY PIPEWRAP INSULATING TAPE has been approved and is used by Electricity and Gas Authorities.

Related products to be used in conjunction with AGS Greasy Pipewrap are:

AGS PRIMER

A single pack coating based on a bituminous wax blend, intended to protect steel surfaces against corrosion.

AGS GREASY WRAPPER TAPE PRIMER can be applied by brush, roller or spray prior to the application of AGS GREASY WRAPPER TAPE.

AGS GREASY MASTIC BLANKET

Anti-corrosive cold applied preformed layer of petroleum condensates with added inhibitors and moisture displacement agents. Containing inert siliceous fillers and cellulose fibres. This mastic is backed with a polyester fabric fully impregnated with a petrolatum compound. AGS GREASY MASTIC BLANKETS has been approved and is used by Electricity and Gas Authorities.

Additional protection can be obtained by overcoating with AGS GREASY WRAPPER TAPE.

Packaging For more information on any of these products, please email: enquiries@greer-exporting.co.uk
250mm 8 blankets per carton

300mm 8 blankets per carton

450mm 4 blankets per carton

500mm 4 blankets per carton

600mm 4 blankets per carton

AGS GREASY PASTE

A soft mouldable blend of petrolatum and inert fillers containing anti-corrosive inhibitors and moisture displacement agents. AGS GREASY PASTE has been approved and is used by Electricity and Gas Authorities.

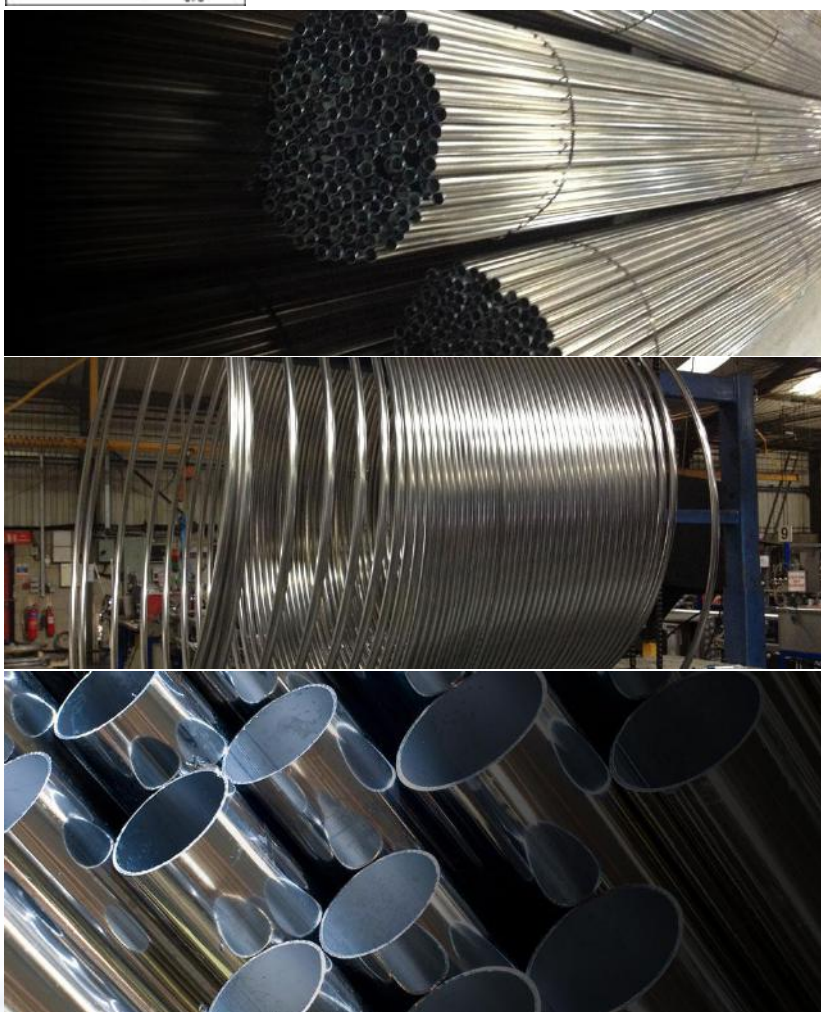
Packaging 20 litre drums and 5 litre pails.

AGS also supply a cold applied Bitumen PVC Overwrap complete with release paper.



AGS is a market leader in the supply of UK manufactured high quality welded stainless steel tubes.

AGS supply tube worldwide and prides itself on being unique in its ability to offer a range of products and services unrivalled by our competition. This together with our commitment to customer service and satisfaction demonstrates our desire to be the market leader within our field.



MANUFACTURING SPECIFICATIONS
Tubes manufactured in accordance with
BS EN 10296-2:2005
BS EN 10217-7:2005
BS EN 10312 : 2002
ASTM A249
ASTM A269
ASTM 554

Tube EN10312 1.4301 (304)
SST 15 - 15mm OD x 0.6mm wt x5800mm
SST 22 - 22mm OD x 0.7mm wt x5800mm
SST 28 - 28mm OD x 0.8mm wt x5800mm

Other dimensions, grades, specifications
and finishes available on request

**“HELDITE”
Jointing Compound**



Heldite Jointing Compound is a high performance sealant for preventing leakage of Petrol, Diesel Fuel, Hydraulic Fluids, Oils, Paraffin, LPG's, Water, Steam and Gases in all branches of Automotive, Auto mechanical, Electrical and General Engineering, Plumbing, Heating and Pipeline Services



Kommerling Industrial Sealants & Adhesives

Kommerling UK Ltd is a subsidiary of Adco Global Inc, an international group of Companies in strategic locations around the world. It has over 100 years experience in the development, manufacture and distribution of high quality adhesives and sealants for a variety of applications, including Glass, Solar / Photovoltaic, Transportation and General Industrial.

Stag brand Jointing Compounds are manufactured to specific industry standards and are easy release, lead free jointing compounds of smooth consistency for use on flanged or screw threaded joints. These products meet the relevant industry standards for use on pipework carrying water (including potable water), brine, steam, gas (including liquefied and natural gas), fuel oil, diesel oil, petrol or compressed air.

The range includes:

Stag A & B
Stag White and Stag White Universal
Plasti-Coll X10 and Plasti-Coll X10G
Wellseal



Steel Test Plugs



- Available from 40mm up to 450mm diameter.
- Chemical resistant Seals can be supplied to order.
- "Double Seal" plugs can be supplied to order.
- Thrustwashers fitted as standard on all sizes.
- Zinc plated – corrosion resistant to 90 hours salt spray test.
- Combines the economy of price with the strength of steel.
- Carries the Horobin name – quality guaranteed.
- Nominal pipe sizes, minimum and maximum pipe diameters each Plug will fit, maximum test pressure, and weight of Plug are available on our Web Site.

Aluminium Test Plugs



- Available from 40mm up to 900mm diameter.
- Aluminium plates combine strength with lightness.
- Thrustwashers fitted as standard on all sizes.
- Chemical resistant Seals can be supplied to order.
- "Double Seal" plugs can be supplied to order.
- Steel components are zinc plated to 90 hours salt spray test.
- Carries the Horobin name – quality guaranteed.
- Nominal pipe sizes, minimum and maximum pipe diameters each Plug will fit, maximum test pressure, and weight of Plug are available on our Web Site.



Super Nylon Testing Plugs



- Available from 18mm up to 150mm diameter.
- Superior design – easier to use.
- Can be used for testing up to 7p.s.i.
- Designed to fit Telecommunication Ducts for temporary sealing to prevent ingress of vermin and sand.
- Easy to sterilise so can be used in Hospitals, Food Processing Plants etc.
- Carries the Horobin name – quality guaranteed.
- Nominal pipe sizes, minimum and maximum pipe diameters each Plug will fit, maximum test pressure, and weight of Plug are available on our Web Site.

End of Pipe Testing/Sealing Plugs



- For temporary sealing of new pipework on construction sites.
- Easier to use than traditional Test Plugs – fit flush onto the end of the pipe.
- Available from 50mm up to 250mm diameter.
- Can be supplied with or without a Waterway/Airway.
- Zinc plated – corrosion resistant to 90 hours salt spray test.
- Carries the Horobin name – quality guaranteed.
- Nominal pipe sizes, minimum and maximum pipe diameters each Plug will fit, maximum test pressure, and weight of Plug are available on our Web Site.



MDPE/HDPE Test Plugs for Pressure Testing to 6bar



- Available for Pipe Sizes from 25mm up to 75mm outside diameter.
- For use with small bore copper, steel or MDPE/HDPE piping.
- Suitable for Pressure Testing up to 6bar.
- Suitable also for telecommunications, refrigeration, air conditioning, heating, process plant and food manufacturing.
- "Double Seal" plugs can be supplied to order.
- Steel components are zinc plated to 90 hours salt spray test.
- Carries the Horobin name – quality guaranteed.
- Nominal pipe sizes, minimum and maximum pipe diameters each Plug will fit, maximum

Steel Test Plugs (Type 920) Pneumatic Seals



- Multiple compression points around the perimeter of the plug enable the seal to expand in localised areas.
- Strength where it matters – at the compression point.
- Steel components are painted against corrosion.
- The Plugs are fitted with handle bars, to make it easier to locate the plug in the pipe.
- Can be supplied with twin outlets – lower outlet allows complete emptying of water from the drain before removal of the plug.
- Chemical resistant Seals can be supplied to order.
- "Double Seal" plugs supplied as standard.

Multi-lock Steel Test Plugs 450mm to 3000mm



- Multiple compression points around the perimeter of the plug enable the seal to expand in localised areas.
- Strength where it matters – at the compression point.
- Steel components are aluminium coated against corrosion.
- The Plugs are fitted with handle bars, to make it easier to locate the plug in the pipe.
- Can be supplied with twin outlets – lower outlet allows complete emptying of water from the drain before removal of the plug.
- Chemical resistant Seals can be supplied to order.
- “Double Seal” plugs can be supplied to order.
- “Instructions for use” label on each plug.
- Nominal pipe sizes, minimum and maximum pipe diameters each Plug will fit, maximum



- Ideal for use in all types of Plastic Pipe – the ridges around the circumference of the Bag prevent the Bag slipping down the pipe. Also designed for use in vertical Soil Stacks.
- Range available for pipe diameters from 25mm to 450mm.
- Easily inflated for trouble free pipe sealing and testing.
- Ideal for use in areas where access is smaller than the test diameter.
- Extension hose available to facilitate remote sealing and testing.
- Nominal pipe sizes, minimum and maximum pipe diameters each Bag will fit, maximum test pressure, and weight of Bag are available on our Web Site.

Canvas Inflatable Air Bags



- The answer to a variety of pipe sealing problems in all Industries from Sewerage, Petrochemicals, Food Processing, Mining etc.
- The Cover is available in Canvas, Heavy Duty Nylon, or Polyurethane coated to resist Petrol, Oil and Diesel.
- Range available for pipe diameters from 50mm to 4,000mm.
- Ideal for use in areas where access is smaller than the test diameter. Can also be supplied with the Inflation Tube in the centre to block off either side of a T.
- Easily inflated for trouble free pipe sealing.
- Fitted either with a Schrader Valve, or Brass Air Tap. Larger sizes fitted with Ball Valve for inflating using a compressor.
- Can be fitted with a Pressure Gauge to prevent over inflation.
- Extension hose available to facilitate remote sealing.
- Nominal pipe sizes, minimum and maximum pipe diameters each Bag will fit, maximum

A.T.O. Inflatable Pipe Stoppers for Air Testing of Sewers



All A.T.O. Inflatable Pipe Stoppers have test and blank ends.
 5mm thick closed-cell foam sealing surface.
 Car type valve for inflation.
 Pull tag for deflation.
 No removable parts.
 Hook and loop strap to attach U Gauge.

PATENT NO.GB2361283
TRADE MARK NO.2299965

Position/pull out handle on 600mm and above.
 Nominal bore + or – 6mm.
 Size range from 300mm/12" to 1800mm/70".
 Manufactured and tested to BSI standard.



High Pressure Inflatable Pipe Stoppers



- Maximum Allowable Back Pressure 3.0 bar (30m head water) **
- Maximum Inflation pressure 6.0 bar**
- Wide expansion range will work in all types of pipe – 100mm up to 2,000mm
- Lightweight, most sizes can be installed by one man
- Reinforced Synthetic Rubber for maximum durability
- Available in Nitrile for Hydrocarbon applications
- Compressor inflation controller
- Specials sizes on request

Socket Testing Devices for Pressure Testing Sockets in Concrete Pipes



- Enables each individual Socket to be precisely tested. Dramatically reduces the amount of water required.
- Can be supplied in up to 3 sections for Sewers with limited access.
- Suitable for pressure testing drains and sewers to BS.8005 and EN1610.
- Fitted with Wheels so the Device can be easily pushed up the Sewer.
- Superior design and quality ensures ease of use.
- Extension Hoses allow for remote testing.
- We can supply portable Compressors and associated equipment.
- Horobin guaranteed quality.

Drain Testing Kits for carrying out Air Pressure Test to BS.8005/EN1610



- The complete answer for pressure testing drains and sewers of any diameter.
- HOROBIN™ "Drain test Kit" is the only complete kit on the market for pressure testing 100mm drains.
- Suitable for pressure testing drains and sewers to BS.8005 and EN1610.
- Superior design and quality ensures ease of use.
- High visual impact for "Point of Sale" display.
- Horobin guaranteed quality.

Pipe and Drain Tracing Dye



- Tracing Dyes are supplied in 200gram Poly-jars in a range of 6 colours – GREEN, FLUORESCENCE, RED, BLUE, ORANGE, YELLOW & VIOLET.
- Tracing Dye is used for detecting the flow of water in drains or pipes, identifying individual drain runs into a common gully, and tracing leaks in pipes.
- Dyes are non-toxic and odourless. They are approved by the National rivers Authorities, Water Companies and Local Authorities.
- Green Dye contains 50% Fluorescence. The other colours are made from 100% food grade products.
- Use 5ml of Dye per 10 litres of cold water. The best method is to mix the Dye into a bucket of water, and then add to the flow of drain. A 200gram jar will trace up to 15,000 litres in chemical free water.

NEW ! We now have a Tracing Dye which is safe to use with Fish. This Dye can be used to trace leakages from Drains, Sewers, Ponds, Reservoirs etc. Sold in 5 kilo drums, which will trace up to 0.5 million litres of fresh water. Mix 500 grams with 10 litres of clean Water.

High Pressure Testing Plug – 6bar+



- For Pressure Testing and Temporary Sealing of Water, Gas, Oil and Sewerage Pipes of any material.
- Ideal for Pressure Testing Sewerage Pipes in accordance with the new European Standard EN1610.
- Pressure Plates are made of aluminium. Rubber Seals are commercial grade rubber mouldings. Thrustwashers are fitted as standard on all sizes.
- Pressure Gauge can be fitted as an option.
- Chemical resistant rubber seals can be supplied

High Pressure Testing Plug – 2



- For Pressure Testing and Temporary Sealing of Water, Gas, Oil and Sewerage Pipes of any material.
- Pressure Plates are made of steel. The Plugs are fitted with a Ball Bearing Race for ease of tightening. Rubber Seals are commercial grade rubber mouldings.
- Pressure Gauge can be fitted as an option.
- Chemical resistant rubber seals can be supplied

Warning - Appropriate bracing or support must be provided before applying any back pressure in order to prevent the risk of accident.



'Drain Clear' Set

- Drain Clearance Set in a handy carrying case.
- Ideal for use with short drain runs up to 30m.
- Available with either Universal or Lockfast Fittings. The advantage of Lockfast Fittings is that they cannot come undone down the drain.
- Ready packed in a strong polypropylene carrying case.
- Set comprises of 30ft of rods, together with 100mm Plunger, Double Worm Screw and 100mm Drop Scraper.
- Horobin quality guaranteed.

- Ideal for use with short drain runs up to 30m.
- Available with either Universal or Lockfast Fittings. The advantage of Lockfast Fittings is that they cannot come undone down the drain.
- Compatible with most other makes of Polypropylene and Cane Rods.
- A wide range of Tools are available such as Rubber Plungers, Worm Screws, Drop Scrapers, Drain and Chimney Brushes.
- Rods available in 19mm, 21mm & 25mm diameter. Lengths are 3ft, 1.5m & 2m.
- Horobin quality guaranteed.

Polypropylene Drain Rods & Tools



Lockfast Steel Rods & Tools



- Ideal for use with long drain runs up to 1 km.
- Manufactured of high tensile steel, with a 2-way locking system which allows the Rods to be rotated both ways.
- Compatible with most other makes of Steel Rods.
- A wide range of Tools are available such as Rubber Plungers, Worm Screws, Drop Scrapers, Crown Root Cutters and Auger Root Cutters.
- Rods are available in 8mm and 10mm diameter. Lengths are 1m, 1.5m and 2m.
- Horobin quality guaranteed.

Plumbing & Heating Installation Tools

MONUMENT PIPE CUTTERS - COUPE TUBES - ROHRABSCHNEIDER

ADJUSTABLE SEMI-AUTOMATIC COPPER PIPE CUTTER

COUPE-TUBE AUTOMATIQUE ROHRABSCHNEIDER AUTOMATIK

Order Code	Dia. Pipes mm	Display Pack
300M	8 - 22	✓

COPPER PIPE CUTTERS

Order Code	Dia. Pipes mm	Dia. Pipes in OD	Display Pack
35TC	3 - 35	1/8 - 1 3/8	✓

Order Code	Size	Pipe diameters				Display Pack
		min mm	max mm	min in	max in	
264Y	0	4	22*	5/32	7/8	✓
*264Y can be used for occasional cuts on 28mm						
265B	1	4	28	5/32	17/64	✓
266E	2A	12	43	1/2	1 11/16	✓
TC3	3	25	82	1	3 1/4	

STAINLESS STEEL PIPE CUTTERS

COUPE-TUBES ACIER INOXYDABLE ROHRABSCHNEIDER EDELSTAHL

Order Code	Size	Pipe diameters				Display Pack
		min mm	max mm	min in	max in	
271U	1	4	28	5/32	1 7/64	✓
272X	2A	12	43	1/2	1 11/16	✓

PLASTIC PIPE CUTTERS

COUPES-TUBES PLASTIQUE ROHRABSCHNEIDER PLASTIK

Order Code	Size	Pipe diameters				Display Pack
		min mm	max mm	min in	max in	
290B	2A	12	43	1/2	1 11/16	✓
291E	3	25	81	1	3.2	

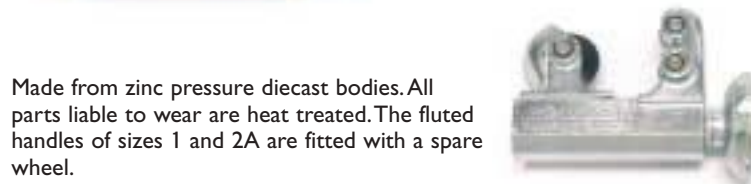
The use of pipe cutters rather than a hacksaw during installation of pipework avoids swarf entering systems which can cause problems on commissioning. High quality tools for use by professional and DIY plumbing installers, heating engineers and maintenance staff. Each tool assures a square, even cut.



Cuts automatically once it has been sized and after tightening no further adjustment or feeding of the wheel into the pipe is required.



A strongly made outer ABS plastic casing houses the inside mechanism made from steel which takes the load of the cut.



Made from zinc pressure diecast bodies. All parts liable to wear are heat treated. The fluted handles of sizes 1 and 2A are fitted with a spare wheel.



Fitted with wheels for cutting stainless steel plumbing and other light gauge stainless pipes. Both fitted with spare wheel.



Fitted with wheels for cutting thicker walled plastic pipes such as those used in central heating. No spare wheel fitted inside handle.



For work in confined spaces. Strongly made outer ABS plastic casing houses the inside mechanism made from steel which takes the load of the cut. Cuts copper pipes once the gate of the tool is closed over the pipe. Tool can be rotated in either direction.



For work in confined spaces. Cuts in one direction. Only cut the exact sizes of copper pipe specified. Made from zinc pressure diecast bodies. Not for use on stainless steel.



Two separate handles. Fits where users' hands or pliers will not fit in confined spaces. Made from bright zinc plated steel and engage in the outer casing of the bodies. Can be neatly slipped on and off from either side of the pipe cutter.



Monument pipe cutter wheels are made from high quality, correctly heat treated steels.

AUTOMATIC COPPER PIPE CUTTERS

COUPE-TUBE AUTOMATIQUE ROHRABSCHNEIDER AUTOMATIK

Order Code	Dia. Pipes mm	Nominal Size in.	Display Pack
15PC	15		✓
21PC	21	3/4	✓
22PC	22		✓
274PC	27.4		✓
28PC	28		✓

MONUMENT AUTOCUT®

COUPE-TUBE AUTOMATIQUE ROHRABSCHNEIDER AUTOMATIK

Order Code	Dia. Pipes mm	Nominal Size in.	Display Pack
1715C	15		✓
1721V	21	3/4	✓
1722Y	22		✓
1727N	27.4		✓
1728Q	28		✓

RATCHET HANDLES (to fit Automatic Pipe Cutters and Monument Autocut®)

Order Code	Fits Pipe Cutter	Display Pack
15R	15PC, 1715C	✓
22R	21PC, 22PC, 1721V, 1722Y	✓

SPARE WHEELS FOR PIPE CUTTERS

DISQUES SCHNEIDRADCHEN

Order Code	Pack Qty	To fit	Display Pack
To cut Copper pipe			
W15PC	16	15PC, 21PC, 22PC, 274PC, 28PC	✓
301P	12	300M	✓
To cut Copper, Brass, Aluminium, Light Gauge Steel Pipes			
273A	12	264Y, 265B, 266E, TC3	✓
To cut Stainless Steel Plumbing pipe, Golf Club Steel Shafts			
284I	12	264Y, 265B, 266E, TC3	✓
To cut Plastic pipe			
310R	10	264Y, 265B, 266E TC3	✓
To cut 15 & 22mm Copper pipe			
269N	16	1715C, 1721V, 1722Y, 1727N, 1728Q, 35TC, Pipeslice®	✓

PLASTIC PIPE CUTTERS

Order Code	Max size mm	Display Pack
2640E	25	✓
2645T	42	Ratchet ✓
2647Z	60	Ratchet ✓

DE-BURRING TOOLS

EBAYUREUR

SCHNELLENTGRATER

Order Code	Display Pack
3020C	✓

Order Code	Display Pack	
2117Q	✓	De-burring tool
2118T	✓(10)	Spare blade- Steel & Aluminium
2119W	✓(10)	Spare Blade- Brass & Cast Iron

COPPER PIPE END CLEANER

Order Code	Size mm	Display Pack
364C	15	✓

COPPER PIPE END CLEANER & DEBURRER

Order Code	Size mm	Display Pack
DBB1522	15 & 22	✓

INTERNAL & EXTERNAL COPPER PIPE END DEBURRER

Order Code	Size mm	Display Pack
365F	42	✓

WASTE PIPE DEBURRER

Order Code	Size nominal in	Display Pack
3026U	1¼	✓
3027X	1½	✓

BRUSHES FOR CLEANING FITTINGS

BROSSES POUR TUBE

ANBRINGEN VON REINIGUNGSBÜRSTEN

Order Code	Size mm	Display Pack	Use
3021F	15	✓	15mm fittings
3022I	22	✓	22mm fittings
3023L	28	✓	28mm fittings

COPPERKEY®

Order Code	Size mm	Display Pack	Use
2915Q	15	✓	15mm pipe & fittings
2922M	22	✓	22mm pipe & fittings

Very effective on PVC, polybutylene, MDP, polyethylene, HEP₂O®, plastic overflow pipe, plastic electrical conduit, supertube, mini trunking, rubber hose, pneumatic pipe, electrical sleeving.

NEW

NEW

Disposable type. Ideal for de-burring inside copper pipe. Swivelling blade rotates freely to enable all sorts of de-burring operations to be carried out inside pipes, on sheet materials, inside holes etc. Works on steel, copper, brass, plastics, wood and castings. Plastic body.

Replaceable Blade type. Similar specification to above but button release for renewable and changeable blades. Metal body.

Disposable. Cleans the outside of copper pipe with a few turns prior to soldering.

Cleans and de-burrs 15 and 22mm copper pipe. One size at each end of the tool.

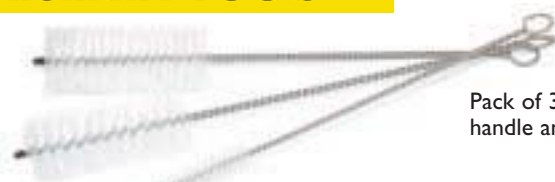
De-burrs internally and externally up to 36mm copper pipe

Cleans and de-burrs plastic waste pipe. For push fit plastic pipe

For cleaning the inside of copper fittings and socket formed joints on copper pipe prior to soldering. Stiff steel bristles.

The very best and safest way to prepare copper pipe and copper fittings. Long lasting double stemmed brushes clean quickly. Quick thorough tubing prep with patented tungsten carbide abrasive technology. Works 3 times faster and lasts 4 times longer than conventional tools.

Patented ratchet handle makes jobs possible in all tight spaces. Eliminates the risk of scrapes or flux burns.



Pack of 3 brushes with loop handle and nylon bristle heads



180 grit silicone carbide strips of abrasive waterproof open mesh material for tough cleaning jobs. For roughing up plastic pipe, cleaning inside fittings (can be cut into small strips), deburring metal and wood surfaces.



Medium grade 50 mm x 250 mm pads for cleaning, polishing, rust removal, scrubbing and blending. Washable, will not rust and does not break up during use.

Designed to remove an olive from copper pipe without damage to the pipe and without producing swarf.



Carbo nitrided carbon steel cutting blades. Specifically designed to remove copper and brass olives. Do not attempt to remove stainless steel olives with this tool.



Patented tool for removing 15mm, 22mm and 3/4" olives. Engages with 14tpi thread of the compression fitting.

For joining two pieces of copper pipe of equal diameter together without using fittings. The resulting capillary joint can be soft or hard soldered. The loose socket former allows easier withdrawal of tool after use.



Soft bristles, varnished handle. Pack of 3

FLUE BRUSHES

Order Code	Length mm	Size mm	Display Pack
3014J	405	Ø16, Ø50, 50x16 rectangular	✓

ABRASIVE CLEAN-UP STRIPS

Order Code	Display Pack
3024O	✓(10 Strips)

CLEANING AND POLISHING PADS

Order Code	Display Pack
3025R	✓(5)

OLIVE REMOVING TOOLS

OLIVE CUTTERS

Order Code	Copper pipe dia. mm	in
2034N	8	
2033K	10	
2030B	15	1/2"
2031E	22	

2031E will not fit 3/4" Imperial olives

OLIVE PULLER

Order Code	15, 22	3/4"	✓
2036T			

COPPER PIPE JOINTERS / SOCKET FORMERS

OUTILS A FORMER LES EMBOITEMENTS MUFFENFORMER

Order Code	OD mm	Wall mm	Display Pack
131W	15	0.7	✓
133C	22	0.9	✓
134F	28	0.9	
220S	15	1.0	✓
222Y	22	1.2	✓

15 & 22mm COMBINATION SOCKET FORMER

Order Code	OD mm	Wall mm	Display Pack
138R	15, 22	0.7, 0.9	✓

FLUX BRUSHES

Order Code	Length mm	Size mm	Display Pack
3015M	195	10	✓

COPPER PIPE JOINTING SET

OUTILS A FORMER LES EMBOITEMENTS MUFFENFORMER

Order Code	OD mm
139U	15, 22, 28

INTERNAL BENDING SPRINGS

RESSORTS A CINTRER LES TUBES

KUPFERROHR-BIEGEFEDER

Order Code	OD mm	Wall mm	Colour Code
828O	8	0.6	Gold
827L	10	0.6	Gold
829R	12	0.6	Gold
830V	15	0.7	Gold
832B	22	0.9	Gold
833E	28	0.9	Gold
834H	35	1.2	Gold

Order Code	OD mm	Wall mm	Colour Code
840A	15	1.0	White
841D	22	1.2	White
877K	28	1.2	White
878N	35	1.5	White
843J	20	Conduit Spring	

Square section spring steel for internal bending of copper pipes. Polished finish.

EXTERNAL BENDING SPRINGS

Order Code	Pipe dia. mm OD.	
888S	8	
889V	10	Round section wire.

Used to bend copper pipe externally. Useful when a number of different bends are needed in a long length of pipe.

MONUMENT COPPER PIPE BENDER

CINTREUSE POUR TUBES

ROHRBIEGEMASCHINE

Order Code	Copper Pipe Size mm	Stainless steel Size mm
2600K	15 & 22	15

For BSEN1057 15mm, 22mm copper pipe

PIPE BENDER SPARES

Order Code		Display Pack
2601N	15mm guide	✓
2603T	22mm guide	✓

2605Z	Hook Stop
2609L	15mm Former
2610P	22mm Former

Guides will fit some alternative manufacturers pipe benders.

MINI PIPE BENDER

Order Code	Copper Pipe Size OD
2611S	6mm, 8mm, 10mm
2612V	1/4", 5/16", 3/8"

For 180deg bends on 6mm, 8mm and 10mm copper pipe

Made for igniting LPGas and welding torches. Cup shaped shield traps the gas and assures ignition.



FLINT SPARK LIGHTERS OR STRIKERS

ALLUMEUR A PIERRE A FEU
FEUERSTEINANZUNDER

Order Code	Display Pack
3418L	✓
Spare Flints	
3421V	✓(5)

For soldering & brazing of copper, brass, aluminium. Use with propane/MAPP® gas. Piezo ignition. Hot turbine flame. Flame lock button. Flame adjustment valve. Ergonomic hand grip.



Adaptor 3445R connects 3440C to Calor® 340 & Primus® 2000

TRIGGER TORCH

Order Code		Display Pack
3440C	Trigger torch	✓
3445R	Adaptor fits Primus® 2000 & Calor® 340	✓
3441F	Gas torch-sealing washer	✓
3446U	Tip end for 3440C	✓

The H2&O Wet & Dry Test Kit has been designed to offer the professional plumber & installer the equipment to pressure test most common applications with its selection of connectors and gauges

Pressures of up to 25 bar can be read from the Gauges with an accuracy of +/- 2.5%. Each gauge is protected with a high shock absorbing rubber boot cover.

Additionally a peak reading needle allows for readings to be taken when the gauge is left unattended. Connections to copper or plastic tube (15mm & 22mm) or thread (1/2"bsp & 3/4"bsp) can be made with the selection of adaptors

A 10 bar flexible hose also allows for testing in confined or restricted areas

System filling can be achieved with the aid of the 3/4" tee piece



WET AND DRY TEST KIT

Order Code	
1514R	Kit Contains:
	1 x Plastic Carry Case
	1 x Dry Test Gauge 63mm diameter (0-4bar) x 15mm JG Speedfit™ c/w Schrader Valve test point fitted with Peak Reading Needle
	1 x 63mm diameter Pressure Gauge (0-11 bar) fitted with Peak Reading Needle
	1 x 63mm diameter Pressure Gauge (0-25 bar) fitted with Peak Reading Needle
	3 x Rubber Gauge Boots fitted to above
	1 x Rubber Tap Connector
	1 x 10 bar Flexible Hose
	1 x Gauge Adaptor
	1 x PVC covered chain c/w 2 screws & washers
	1 x CP Reducing Bush 3/4" x 1/2"
	1 x JG Speedfit™ 15mm x 1/2" stud
	1 x JG Speedfit™ 15mm x 1/2" stem
	1 x JG Speedfit™ 22mm x 3/4" stud
	1 x JG Speedfit™ 22mm x 3/4" stem
	6 x O rings
	1 x Filling Tee Adaptor 1/4"

MOPITUP®

Order
Code

2951Y

Pack of 3 sheets

The versatile super absorbent sheet. The quick, easy and effective way to clean up all water based spillages in the home or workplace. Each 370mm x 370mm sheet absorbs up to 2 litres of water

Mopitup® will ONLY absorb water based fluids.

Can be placed ONTO spilt water by turning it so the plastic side is upper most and the net is towards the water spill. Can be placed INTO water containers and will "suck" out the water i.e. draining cisterns, drains, holes. The 'gel' formed is non toxic and safe (but note that the contents are only safe NOT the additive contaminant).



Ideal for :

- plumbing emergencies and repairs
- dripping radiators
- radiator and pump removals
- leaking pipes, toilets and basins
- overflow leaks in roof tanks
- leaking hot water tanks
- fridge and freezer defrosting
- large floor spillage
- protection for carpets and floors
- draining header tanks
- no drips, no mess, no stains
- water is 'locked' in and cannot be squeezed out, unlike a sponge

FLAMEBARRIER PAD

Order
Code

2353G

Size
in

11 x 8

cm

28 x 20

Display
Pack

✓



Designed to protect surfaces from deflected heat surrounding a soldering operation. Even after outer fabric breakdown occurs the infill will prevent any thermal transfer withstanding temperatures up to 1260°C

SOLDERING AND BRAZING PADS

PARE FLAME

LOT UND HARTLOTKISSEN

Order
Code

2350X

Square
in

12 x 12

cm

30 x 30

Display
Pack

✓

Woven glass fabric. Professional quality

For protection of surrounding areas when soldering etc. both these pads resist temperatures up to 600 deg.C and do not present any of the hazards associated with asbestos materials.



Order
Code

2351A

Square
in

10 x 10

cm

25 x 25

Display
Pack

✓

HDW graphite, woven glassfibre

Heat should not be concentrated for long periods on the same area of the pad.

Order
Code

2348Q

Size
in

12 x 10

cm

30 x 25

Display
Pack

✓

Asbestos free (heavy duty) mat

Professional quality soldering & brazing mat

Provides protection to fixtures and fittings when soldering. Made from non-asbestos glass fabric.



O-MAT®

Order
Code

2355M

Pipe Size
mm

15 to 22

2356P

28 to 50

2358V

50 to 100

Display
Pack

✓

✓

✓



Patented variable cut out mats for soldering pipes. Reduces the risk of fire. Protects walls, cables, carpets and other flammable materials. The unique shape with overlap gives a tight and secure fit.

SCREWDRIVERS

Order Code	Size
1517A	300mm blade length
1518D	450mm blade length

TURNPINS

TOUPIES

ROHRAUFWEITER

Order Code	Base Dia in	Base Dia mm	Display Pack
602E	1½	38	✓
604K	2	50	✓

WIPING CLOTHS

Order Code	Size in	Size mm	Display Pack
551W	2½ x 1½	63 x 38	✓
552Z	3 x 2	75 x 50	✓
556L	3½ x 2½	88 x 63	✓
558R	4 x 3	100 x 75	✓
560Y	4½ x 3½	114 x 88	✓
563H	5 x 4	125 x 100	✓

MOLESKIN

MOLESKINE

MOLESKIN TUCH

Order Code	Size in	Size cm
570D	39 x 36	100 x 91
572J	36 x 10	91 x 25

TALLOW

SUIF

TALG

Order Code		Approx kg	
261P	Plastic tub/outer	0.25	Small
262S	Plastic tub/outer	0.50	Medium
263V	Plastic bucket	4	Large
260M	Box/polythene liner	12.5	XL

GLASSFIBRE YARN

Order Code	Diameter in	Diameter mm	Approx length per reel metres
2330N	¼	6	25
2331Q	⅝	8	25
2332T	¾	10	25
2333W	1½	12	25
2334Z	¾	19	25

For mounting screws at the rear of boilers

For fixing toilet pans to the floor

Used for opening up lead pipe prior to joint wiping. Made from polypropylene.

Used for wiping lead joints during soldering. Made from best quality moleskin cloth, 6 ply thick. Properly folded with oilboard layer and securely sewn.

Best quality white moleskin cloth, closely woven. Approx 36in. 91cm wide

Used as a lubricant for threading, pulling electric cables through conduit etc. Best quality hard white tallow.

Used for packing and insulation. Asbestos free. For operational temperatures up to 600 deg C. Resistant to oils, most chemicals and solvents and is unaffected by bacterial growth. Constructed from a thick glass yarn wall coupled with a stranded centre glass yarn core. Ideal for use in dry, static sealing applications involving hot air and combustion gases. Supplied on reels.

WATER FLOW GAUGE

Order Code	Scale		Display Pack
	Litres	Gallons	
1515U	2-25	1-5	✓



For easy and quick setting of operating flow rates to manufacturers specification prior to installation of washing m/cs, boilers, showers etc; for checking if combi boiler or water heater needs de-scaling. Dual scale 2 to 25 litres, 1 to 5 gallons. Sturdy durable plastic design. Long life stainless steel mesh strainer avoids turbulence.

1515U

DIGITAL THERMOMETER

Order Code	Display Pack
1520K	✓



1520K

MAINS WATER PRESSURE TEST GAUGE

Order Code	Scale	Display Pack
1510F	kPa, psi, bar	✓



1510F

11 bar maximum. 3/4" BSP thread for fitting to taps.

DRY TEST GAUGE

Order Code	Display Pack
1512L	✓

For dry testing of pressure systems prior to commissioning. Complete with Schrader valve and 15mm Pushfit® fitting. Maximum 4 bar.



1512L

PTFE TAPE

Order Code	L ft	W in	Thick. in	L m	W mm	Thick. mm	Display Pack
541R	40	1/2	0.003	12	12.7	0.076	✓
540O	40	1/2	0.003	12	12.7	0.076	-

Used for sealing screw threads in pipework, the tape is wound around male threads. Suitable for steam, water, gases and liquids. Low coefficient of friction.



MIRROR

MIROIR SPIEGEL

Order Code	Size	
	in	mm
798T	4 x 4	100 x 100



For examining joints, under floors and behind basins etc. Aluminium housing with sheet glass recessed mirror.

796N	200mm (8") folded, extends to 330mm (13")
799W	Magnetic, 180mm (7") folded, extends to 610mm (24")



796N

Telescopic mirror with double ball joint



799W

Pocket clip telescopic mirror with double ball joint – magnetic



Die-cast aluminium handle and square section tubular steel frame combine to give a lightweight tool with great tensile strength. Adjusts to give 45° angle for flush cutting. Supplied with 24tpi 12" 300mm blade.

HACKSAW

SCIE A METAUX KLEINSAGE

Order Code	in	mm	Display Pack
1921D	12	300	✓
HSS Blades 24 tpi			
1922G	12 x 1/2 x 0.025in	300 x 13 x 0.65mm	✓(10)

JUNIOR HACKSAW

Order Code	Size	Display Pack
2000M	6in 150mm	✓
Blades 32 tpi		
1120U	x 1/4 x 0.015in 150 x 6 x 0.38mm	✓(10)

SPADE BIT SET

Order Code	Sizes	Display Pack
1950P	10mm, 12mm, 16mm, 18mm, 20mm, 25mm	✓

RAZOR SAW

Order Code	Size	Display Pack
1952V	165mm	✓

MONUMENT HOLE SAWS

SCIES-CLOCHES – LOCHSAGEN

Order Code	Dia. mm	Use	†Mild steel rpm	Cast iron rpm	Stainless steel rpm	Display Pack
10mm shank. One piece holesaw						
1848E	22	1/2in BSP	390	260	195	✓
11.5mm shank. One piece holesaws						
1849H	28	3/4in BSP	300	200	150	✓
1850L	35	1in BSP	245	165	125	✓
1851O	45	1 1/4in.BSP	190	130	95	✓
1852R	50	1 1/2in.BSP	160	105	90	✓
1853U	64	2in BSP	130	85	65	✓
1857G	70	2 3/4in Soffit Board Ventilator	115	75	55	✓

1899G Plumbers Holesaw Kit with 22mm 28mm 35mm 45mm 50mm 64mm holesaws with integral shanks. Includes 2 drills and screwdriver and display box.



Junior hacksaw with finger guard and 32tpi blade.

For drilling holes in timber joists etc.

Very thin 42tpi blade for accurately cutting all kinds of materials including ferrous materials. Wooden handle.

For use on stainless steel, cast iron, mild and galvanised steel, aluminium, copper, brass, plastics and wood. High quality tools with M42 Cobalt High Speed Steel Cutting blades with variable pitch teeth.

Holesaws with integral shank and pilot drill supplied with a split point HSS pilot drill which reduces skidding on convex surfaces, eliminating the need for pre-punch.

Depth of cut 32mm (double depth if the work is reversed). Do not exceed recommended working speeds, as shown in table opposite.

ESSENTIAL LUBRICANTS :

When cutting mild steel (incl. aluminium, copper, brass, zinc, plastics, wood) no lubricant is necessary.

When cutting cast iron use paraffin. When cutting stainless steel use Cutting Compound.



RAPID-DOSE®

Order
Code

- 611G** Filling loop tool
- 621L** Universal dosing kit
- 612J** Radiator dosing point

Radiator vent pin adaptors

- 617Y** M6 for Barlo® radiators
- 623R** M5 for Stelrad® radiators
- 625X** M4 for Myson® radiators

- 626A** Grundfoss® circulating pump dosing adaptor
- 628G** Wilo® Terrier® Dab® Circulating pump dosing adaptor

613M RAPID DOSE Tool kit

630N Central heating protector. Protects against scale, corrosion & bacterial growth. 200ml can treats 5 radiators.

632T Pre-commissioning cleaner. Removes flux residues, greases, oily contaminants, sludge and debris 400ml can treats 10 radiators.

633W Non Acid Sludge Dissolver. Dissolves sludge and restores heat and flow. 400ml can treats 10 radiators..

634Z 400ml Central Heating Protector

635C Inhibitor Test Kit. Tests the concentration level of inhibitor. 40 tests per kit.

Dose a sealed system within a matter of minutes with RAPID-DOSE

- No need to draw off water, release system pressure or wait for system to cool
- Specifically designed to meet the requirements of modern condensing boilers
- Discharges in under a minute
- Suitable for all metals including aluminium
- No mess.

How does RAPID-DOSE work?

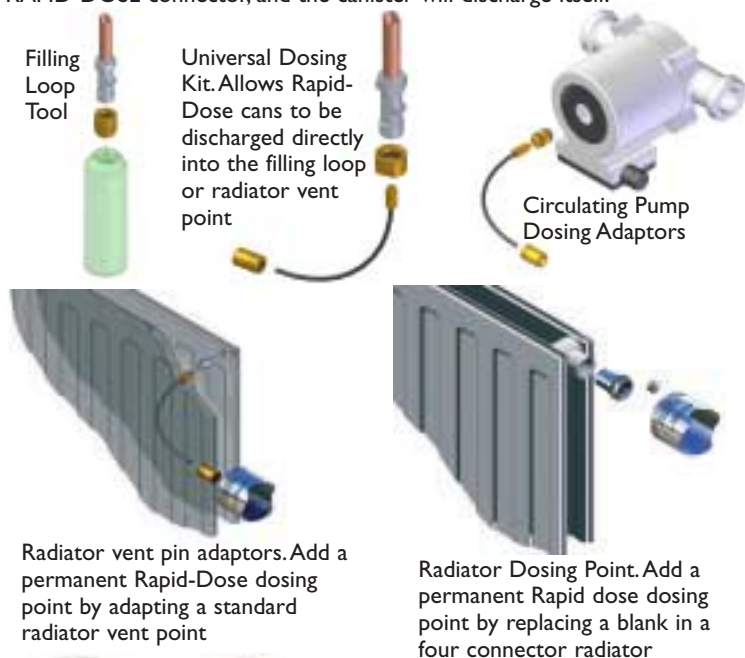
RAPID-DOSE works by holding the product (inhibitor or cleaner) in a bag inside the canister. This separates the product from the propellant and means that although the product is squeezed out of the bag by the pressure, the propellant never leaves the canister. As the pressure in the canister is greater than system pressure, the canister rapidly discharges into the heating system.

FLITZ METAL POLISH

Order Code	Size	Pack Type	Display Pack
FLITZ TS010	2g	Trial Size	
FLITZ BP03509	10g	Blister Tube	✓
FLITZ BP03511	50g	Blister Tube	✓
FLITZ BU03515-F	150g	Boxed Tube	✓
FLITZ CA03518-6	906g	Tin	

THE EASY WAY TO DOSE SEALED HEATING SYSTEMS

Aqueous Logic is revolutionising water treatment with a new dosing system designed to make water treatment easier and less expensive. RAPID-DOSE is a disposable pressurised canister, pre-filled with inhibitor (or cleaner), that can be used to dose a sealed system within a matter of minutes. There's no need to release system pressure or draw off water. Simply connect the canister to the filling loop isolation valve, radiator dosing point or circulating pump dosing point using the purpose designed RAPID-DOSE connector, and the canister will discharge itself.



Radiator vent pin adaptors. Add a permanent Rapid-Dose dosing point by adapting a standard radiator vent point

Radiator Dosing Point. Add a permanent Rapid dose dosing point by replacing a blank in a four connector radiator



Boxed kit contains:
1x 621L Universal Dosing Kit
1x 612J Radiator Dosing Point
3x Radiator Vent Pin Adaptors (M4 M5 M6)
1x 626A Pump Dosing Point
1x 3mm Allen Key

Flitz Paste Metal Polish is a concentrated cream which cleans, polishes, de-oxidises and protects brass, copper, silver plate, chrome, stainless, nickel, bronze, gold, aluminium, painted surfaces, glass. Removes tarnish, water stains, chalking, lime deposits, heat discolouration, oxidation, tar, oil, tree sap. Non-abrasive, non-toxic, non flammable.



Drain Cleaning Equipment

DUAL ACTION FORCE PUMP

Order Code Display Pack
1454H ✓

All plastic force pump with two interchangeable cups, one for clearing blocked sinks, wash basins, showers, baths and urinals, the other for WCs.



FORCE CUPS

Order Code	Size	Diameter		Length	Display Pack
		in	mm	mm	
1456N	Small	3	75	115	✓
1457Q	Medium	4	100	255	✓
1458T	Large	4¾	120	405	✓



Popular tools for clearing sink, basin and bath wastes

PLUNGER

Order Code Display Pack
1459W ✓

For kitchen sinks, waste disposal units and showers. Exclusive patented bellows design; more cubic centimetre displacement than traditional force cups; easily cleaned, removable handle



MINI PLUNGER

Order Code Display Pack
M-M3 ✓

For small hand basins. Exclusive patented bellows design; more cubic centimetre displacement than traditional force cups; easily cleaned, removable handle



TOILET PLUNGER

Order Code Display Pack
MP1600 ✓

For toilets and gulleys. Exclusive patented bellows design; more cubic centimetre displacement than traditional force cups; easily cleaned, removable handle



HANDY PLUNGER

Order Code Display Pack
1460Y ✓

For small hand basins. Exclusive patented bellows design; more cubic centimetre displacement than traditional force cups; easily cleaned,



SUCTION OR COOPERS PLUNGER

Order Code Rubber Dia
in mm
1453E 5½ 140

Ideal for clearing WC pan wastes and gulleys with soft, flexible rubber and wooden tee handle



RUBBER PLUNGERS

Order Code	Plunger diameter		Handle length	
	in	mm	in	cm
184E	4	100	30	76
185H	6	150	30	76

Made with flexible rubbers and zinc plated steel components suitable for suction clearing of drains and gulleys.



SINK WASTE CLEANER

Order Code	Length		Dia		Display Pack
	ft	m	in	mm	
909L	6	1.8	¼	6	✓
910P	12	3.6	¼	6	✓

Galvanized steel wire with gripping handle for clearing sink, shower and bath wastes.



Hollow spring wire cable with bulbous head for unblocking sinks, urinals, bath wastes, showers, small drains, etc. Rotating crank handle with thumbscrew fits over and locks cable. 1/4in 6mm size suitable for entry through strainers.



DELH-O



3315Y

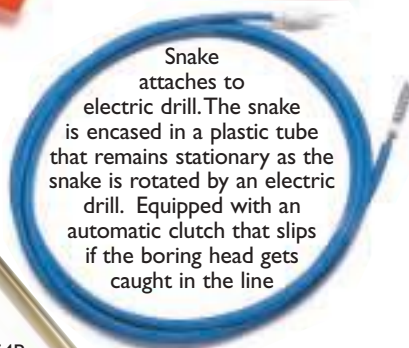
A cleaner way to unblock drains. The 1/4in 6mm spring is fed out of the container into the drain, keeping it away from clean kitchen and bathroom surfaces. Complete instructions on attractive display pack



C-25PL

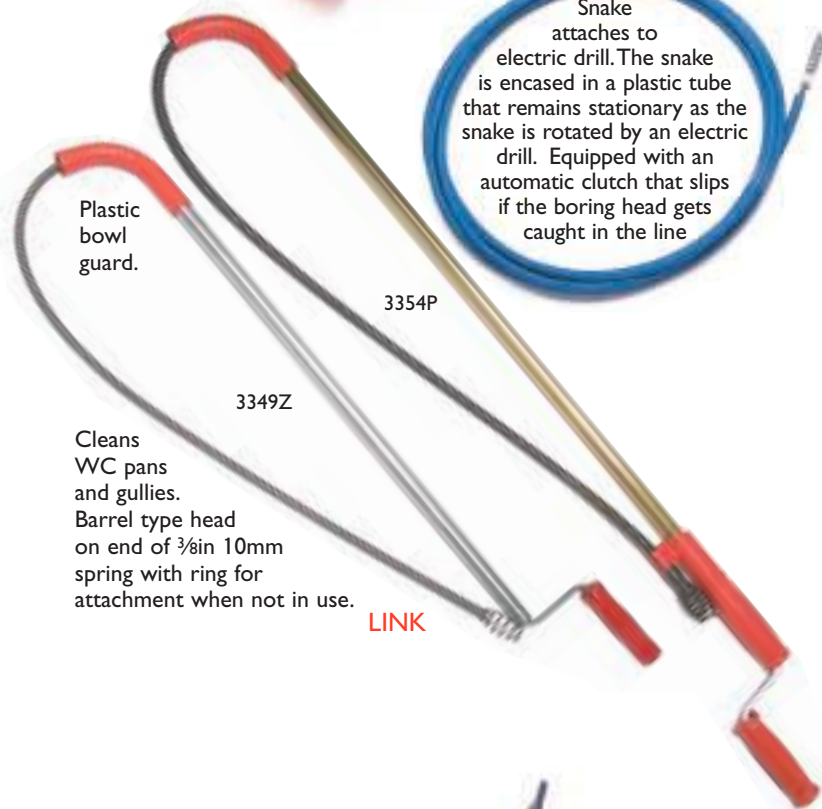


3313S



SNAKE
Snake attaches to electric drill. The snake is encased in a plastic tube that remains stationary as the snake is rotated by an electric drill. Equipped with an automatic clutch that slips if the boring head gets caught in the line

3354P



Plastic bowl guard.

3349Z

Cleans WC pans and gullies. Barrel type head on end of 3/8in 10mm spring with ring for attachment when not in use.

LINK

Rods made from black japanned steel spring wire. Rods can be joined together using a key. Flexible enough to negotiate acute bends.



Sets are supplied with rods and fittings as indicated, each set with straps.

DRAIN CLEARING SPRINGS

Order Code	Ref	Length ft x in.	Dia. m x mm	Display Pack
For sinks, baths, showers small pipes				
3343H	15PQH	15 x 1/4	4.5 x 6	✓
3344K	25PQH	25 x 1/4	7.5 x 6	✓
For larger pipes 2-3in 50-75mm				
3347T	50PMH	50 x 3/8	15 x 10	✓

DRAIN UNBLOCKERS

Sinks, baths, showers, small pipes

Order Code	Ref	Length ft x in.	Diameter m x mm	Display Pack
Steel container				
3313S	25SM	25 x 1/4	7.5 x 6	✓
Plastic container				
3315Y	20PL	20 x 1/4	6 x 6	✓
C-25PL	C-25PL	25 x 1/4	7.5 x 6	✓
3316B	Spare Locking Screw Assembly			

DRILL SNAKE

Order Code

3351G	15' 4.5m Effective length
3351G-CLUTCH	Spare Clutch for 3351G

TOILET PAN UNBLOCKERS

Order Code	Ref	Length ft m	Dia in mm	Display Pack
3349Z	3NKH	3 0.9	3/8 10	✓
3350D	6NKH	6 1.8	3/8 10	✓
3354P	3FL	3 0.9	1/2 12	✓

Also see page 38

STEEL DRAIN RODS

Order Code	Length ft m	Rod Dia in mm	Rods in set
------------	----------------	------------------	----------------

This set includes Starter; Backlength; Adaptor to universal joint; Key; Handle. No other fittings available.

908I	6 1.8	1/2 12	2
-------------	-------	--------	---

Spares for 1/2in 12mm sets

Order Code

903T	Spare 3ft 0.9m Backlength
904W	Ferret Starter 3' x 1/2"
905Z	Ferret Handle 1/2"
906C	Ferret Key 1/2"
907F	Ferret Adaptor 1/2" to Universal Joint Cane

The following sets include Handle; Key; Double worm screw; 4in 100mm Plunger & Drop scraper

893I	30 9	3/4 19	10
892F	60 18	3/4 19	20

Spares for 3/4in 19mm sets

895O	Spare 3ft 0.9m rod
896R	4" 100mm Drop Scraper
897U	Clearing Wheel
898X	Double Worm Screw
899A	4" 100mm Plunger
900K	Key
901N	Handle
902Q	Adaptor 3/4" to Universal Joint



Compact, lightweight water ram uses a burst of compressed air to produce kinetic transfer of energy through water to break up blockages in pipelines. Ram has safety valve, self contained air pump and gauge to read correct working pressure. Works on wash basins, showers, baths, sinks, urinals and drains.

KINETIC WATER RAM

Order Code

- 3336L** Complete with 1½", 2", 3", 4" (38, 50, 75, 100mm) plugs; 5 bungs ½" to 3"; 7" 175mm WC cleaning disc; water filling and caulking hoses; tap connector; carrying case; instructions; couplings & connectors.
- 3337P** Set of 5 bungs



PANGO® PROFESSIONAL POWER PLUNGER

- 1621R** Complete with adaptors to fit most sinks, basins, bidets, baths & showers. Plastic construction. 15 pumps gives approx 3bar of pressure.

MANHOLE LIFTERS

Order Code	Length in	mm
------------	-----------	----

Manufactured from ductile iron

- 1013U** 34 910
- 1017G** Spare head for 1013U

STANDPIPE KEY

Order Code	L in	L m
------------	------	-----

- 3298R** 36 1 For opening & closing fire hydrant valves. 2" tapered opening.

STANDPIPE

Order Code

- 3299U** ¾" Contractors Standpipe. Complete with hydrant base, double check valve and single ¾" tap outlet

GULLEY KEY

Order Code

- 1018J**

MONUMENT TOOLS

MANHOLE COVER LIFTING KEYS

Order Code	Length in	mm	Handle width in	mm	End shape
------------	-----------	----	-----------------	----	-----------

Malleable iron. Tee handle

- 1010L** 5 125 4 100 D

For light duty manhole covers

- 1012R** 8 200 4 100 ●

Closed handle

- MLK06** 5 150 4 100 35x15x4 ■

- MLK12** 12 300 4 100 35x15x4 ■

- MLK20** 20 500 4 100 35x15x4 ■

- MLK24** 24 600 4 100 35x15x4 ■

All manhole cover lifting keys are sold in pairs

Clears blocked and slow running sinks, basins, baths and showers. No chemicals Pressure Relief Valve

Strong, lightweight, simple means of removing most types of cover. Patented design.

Comprises four different key heads designed to locate into most keyholes.

For roadside storm drain covers.

Heavy duty manhole cover lifting keys with rectangular shaped end and triangular handle. Zinc plated

SAFE LIFT MANHOLE COVER LIFTING SET

Order Code	Ref	
1030V	DDK1MON	Safe Lift Kit
The 'Safe Lift' kit includes:		
Pairs of : Heavy duty quick release lifting handles, 23mm & 35mm wide drain keys, 7mm rounded hooks, 8mm & 10mm & 12mm diameter threaded screw-in tips. Carry case.		

Spares for 'Safe Lift' kit.

Order Code	Ref	Size	Use
1031Y	DDK1	Heavy duty quick release lifting handles	
1032B	T1004	23mm wide drain key	Slotted light duty covers
1033E	T1001	35mm wide drain key	Slotted heavy duty covers
1034H	T1006	7mm rounded hook	Light duty covers with key holes
1035K	T1007	8mm diameter threaded screw-in tip	covers with threaded lifting points
1036N	T1008	10mm diameter threaded screw-in tip	covers with threaded lifting points
1038T	T1009	12mm diameter threaded screw-in tip	covers with threaded lifting points

Accessories

1040A	E1001	Extension handle
1042G	B1001	Bottle jack



Monument 'Safe Lift' manhole cover lifting set, with heavy duty quick release tip system, interchangeable tips, 3 lifting positions and a unique 1 tonne popping facility. Additionally, the 'Safe Lift' features include one piece stainless steel tips ergonomically designed comfortable lifting handles and an optional extension handle.

The optional extension handle incorporates a crow bar style tip to facilitate lifting of covers, can be used to extend the standard heavy duty quick release handle and also, when used in conjunction with a bottle jack, to 'pop' stubborn covers.



HYDRAULIC MANHOLE COVER LIFTER

Order Code	
1043J	Hydraulic manhole cover lifter
1044M	Spreader Bars



Hydraulic manhole cover lifter is quick to assemble and simple to use. The lifter can give up to 1.5 tons of lift, making easy work of the heaviest manhole cover. The lifter is supplied with 4 sets of keys which will enable most types of cover to be lifted. Weight 25kg.

Also available are spreader bars which enable 4 keyhole covers to be lifted. These bars also have a seal breaker which help ease covers which have not been lifted in a long time.





Handy Snaketainer helps eliminate messy floors when cleaning out blocked small pipes. Collet chuck tightens firmly on cable with a quarter turn. Rotation by electric drill or crank handle whilst holding rotating hand grip. Durable steel container can hold up to 25' x 3/8" or 50' x 1/4" cable.

Rotary Handle – Instead of using the Snaketainer above, the handle with two smoothly operating hand grips will fit all the cables shown on the left. The locking screw of the handle fixes the cable in position whilst rotating.

All GENERAL professional quality hand tool cables have a 42 strand wire rope centre. Coiled right handed to make manual operation easier through greater flexibility.



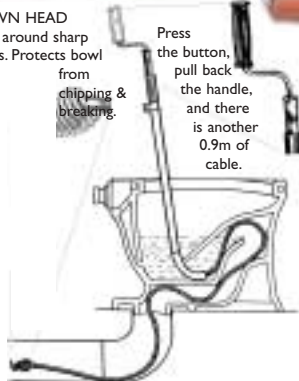
A large crank handle at the back of the drum gives powerful leverage. After a few turns the speed and momentum breaks through the most obstinate blockages. Rust resistant treated steel drum with carrying handle fitted.



Made specifically for the difficult job of removing solid objects from blocked WC pans. After working the first 3' 0.9m into a WC pan or gully there is a further equal length of cable telescoped inside the guide tube operated by pressing a button and pulling back the crank handle. Double spring Flexicore cable with vinyl guard to avoid scratching WC pans.

DOWN HEAD
Gets around sharp bends. Protects bowl from chipping & breaking.

Press the button, pull back the handle, and there is another 0.9m of cable.



Compact, lightweight water ram uses a burst of compressed air from a carbon dioxide bulb to produce kinetic transfer of energy through water to remove blockages in pipelines. Ideal for "soft" blockages such as those normally encountered domestically caused by organic matter e.g. paper, hair, fat, grease, general kitchen waste, plastic cups, towels, uric acid and soft lime scale etc.

PROFESSIONAL DRAIN UNBLOCKERS

3311M D-25-0 Empty Container with Electric Drill attachment.
Fits cable 3318H, 3319K, 3320O, 3322U.

DELH-O Rotary Handle
Fits all the cables shown below

Order Code	ft	Length x Dia in mm	Ref
Sink traps; showers; basins			
3318H	25 x 1/4	7.5 x 6	L-25FL1
1 1/4in 35mm wastes			
3319K	50 x 1/4	15 x 6	L-50FL1
Heavier duty- small pipes			
3320O	25 x 5/16	7.5 x 8	L-25FL1-A
1 1/4 - 3in 35 - 75mm pipes			
3322U	25 x 3/8	7.5 x 10	L-25FL2

Order Code Ref
3334F 400 Empty Spin-Drive Snaketainer

Cables for use with Rotary Handle or Spin-drive Snaketainer

1 1/4 - 3in 35 - 75mm pipes			
3323X	50 x 3/8	15 x 10	50FL2
3 & 4in 75 & 100mm pipes			
3324A	25 x 1/2	7.5 x 12	25FL3
3325D	50 x 1/2	15 x 12	50FL3

TELESCOPING TOILET PAN UNBLOCKER

Order Code
T6FL-DH 6' 1.8m Effective length

MONUMENT TOOLS

KYNA-COLT KINETIC RAM

Order Code
3337O Kyna-colt in toolbox with 2 toilet discs, 3 expanding plugs and tap connector. No bulbs supplied
3338R Spare Carbon Dioxide bulbs. Approx. 45 psi

GREER
Exporting Company Ltd

POWER DRAIN CLEANER COMPARISON CHART

	Typical Applications	For use in following Pipe Sizes	Maximum Capacity	Operating Weight	Maximum Recommended Distance	Motor Horsepower
• SUPER-VEE	Sinks	1 1/4" - 3"	35' x 3/8" or	7kg	50'	2.7 A
• POWER-VEE	Bath Wastes	(35 - 75mm)	50' x 5/16"	with 25' x 3/8"	(15m)	
• HANDYLECTRIC	Roof Stacks		(10.5m x 10mm or 15m x 8mm)	(7.5m x 10mm)		
• PH DRAIN ROOTER						
• MINI-ROOTER	Small drains,	1 1/4" - 3"	75' x 1/2"	23kg	75'	1/3HP
• MINI-ROOTER XP	Inside work, On roofs (Not for roots)	and most 4" (35 - 75mm and most 100mm)	(23m x 12mm)	with 75' x 3/8" (23m x 10mm)	(23m)	
• SEWEROOTER T-3	Small drains, Inside work, On roofs (Not for roots)	1 1/4" - 3" and most 4" (35 - 75mm and most 100mm)	100' x 1/2" (30m x 12mm)	52kg	100' (30m)	1/3HP
• METROROOTER	Roots and scale	3"-6"	75' x 5/8" (23m x 16mm)	76kg	75' (23m)	1/3HP
• SPEEDROOTER 91	Combination Sewerooter T-3 and Maxi-Rooter	2" - 10" (50 - 250mm)	100' x 3/4" or 100' x 1/2" (30m x 19mm or 30m x 12mm)	108kg	200' (60m)	1/2HP (Optional 3/4HP)
• MAXI-ROOTER	Heavy Duty Roots, Sand, Rags Grease, Lime Deposits, Industrial Plants	3" - 10" (75 - 250mm)	125' x 3/4" or 150' x 5/8" (38m x 19mm or 45m x 16mm)	114kg	200' (60m)	3/4HP

GENERAL ELECTROMECHANICAL DRAIN CLEANERS

All the GENERAL Electromechanical Drain Cleaners use FLEXICORE WIRE ROPE CENTRE CABLES. Heavy gauge wire is coiled around 42-strand wire rope and heat treated. Cables are of high strength and correct flexibility. Electric machine cables are wound left hand.

FLEXICORE CABLE

Replacement Cables / Cables for Super-Vee, Power-Vee, Collet Chuck Handylectric and PH Drain Rooter:

Order Code	Cable No	Dia. & Length m x mm	ft x in	Wt. kg
with EL Basin Plug Head				
3193Y	25HE1	7.5 x 6	25 x 1/4	1.8
3194B	50HE1	15 x 6	50 x 1/4	4.1
3197K	25HE1-A	7.5 x 8	25 x 5/16	2.7
3198N	50HE1-A	15 x 8	50 x 5/16	5.5
with Female Connector				
3200A	25HE2	7.5 x 10	25 x 3/8	3.2
3201D	35HE2	10.5 x 10	35 x 3/8	4.5



Heavy gauge wire coiled tightly around a 42 strand aircraft type wire rope and heat treated. Has the correct strength and flexibility. 1/4" and 5/16" cables have basin plug ends and cables of 3/8" 10mm and larger can be fitted with cutters to their female connectors.



MONUMENT TOOLS



MANUFACTURER'S FLEXICORE CABLE RECOMMENDATIONS

FLEXICORE CABLE SIZE

FOR USE IN FOLLOWING PIPE SIZES

1/4" Cable

1 1/4" - 2" pipes

5/16" Cable

1 1/2" - 2" pipes

3/8" Cable

2" - 3" pipes

1/2" Cable

3" - 4" pipes (not roots)

5/8" Cable

3" - 6" pipes

3/4" Cable

4" - 10" pipes

The Small Drain Specialist.



SUPER-VEE

Order Code (Unit No/Volt. 50Hz)	Cables in units				Cable Ref	BoxedWt kg
	m	mm	ft	in		

The following units include 2 cables and the HECS cutter set

3009T	7.5 x 6	25 x 1/4	25HE1	9
SV-A/240	7.5 x 10	25 x 3/8	25HE2	
3011A	7.5 x 6	25 x 1/4	25HE1	9
SV-A/110	7.5 x 10	25 x 3/8	25HE2	

The following units do not include the HECS cutter set

SV-F-240V	7.5 x 6	25 x 1/4	25HE1	6
SV-F-110V	7.5 x 6	25 x 1/4	25HE1	6

HECS Handylectric Cutter Set includes :

Order Code	Part No.	
3153E	AH	Arrow Head
3154H	FAH	Flexible Arrow Head
3159W	1/4SCB	1/4" 32mm Side Cutter Blade
3155K	BG	Boring Gimlet
3156N	DHBG	Down Head Boring Gimlet

Accessories and Parts for Super-Vee

Order Code	Part No.	
3035W-PV		Plastic Carrying Case
3012D	PC	Plastic Cartridge
SV-25	SV-25	Cable Grippers

Similar in specification to the Super-Vee with added features: Feeds cables forwards or back, by means of a feed lever. Drives 10mm 3/8" cables at 16' 4.8m per minute. Adjusts for different sized cables by adjustment of the cable knob until it touches the cable and backing off half a turn. Particularly useful in awkward places when the cable is difficult to feed.



POWER-VEE

Order Code (Unit No/Volt. 50Hz)	Cables in units				Cable Ref	BoxedWt kg
	m	mm	ft	in		

The following units include 2 cables and the HECS cutter set

PV-A-240V	7.5 x 6	25 x 1/4	25HE1	10
	7.5 x 10	25 x 3/8	25HE2	
PV-A-110V	7.5 x 6	25 x 1/4	25HE1	10
	7.5 x 10	25 x 3/8	25HE2	

Accessories and Parts for Power-Vee

Order Code	Part No.	
3035W-PV	PCC	Plastic Carrying Case for Power-Vee



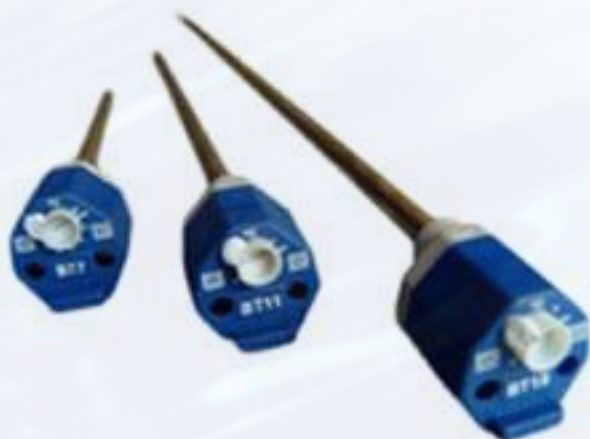
Backer

Backer Electric Company Limited, founded in 1938, is the market leader in the design and manufacture of heating elements, supplying products in high volume to the majority of household brandnames, producing domestic electrical appliances, spares to parts distributors and specialist elements for use in Industrial, Catering and Commercial applications.

Backer manufactures all products to the most stringent quality control procedures, meeting all of the relevant British and European standards.



09192L
ELEMENT FOR WATER HEATERS, 3 KW



The BMST Thermostat is an ideal solution for retrofit to existing installations, thus bringing your old system up to the new standard by simply changing the thermostat.

3/4" Overflow Pipe, Pushfit and Universal Fittings

3/4" Overflow Pipe, Pushfit and Universal Fittings



Code	
HDPE White Overflow Pipe 3/4" x 3m lengths	
	R-3M



Straight Connectors	
3/4" pushfit	R1
19/23mm universal	R1M



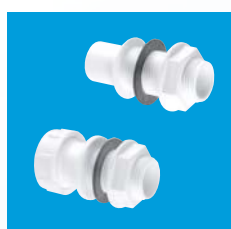
90° Bends	
3/4" pushfit	R2
19/23mm universal	R2M



135° Bends	
3/4" pushfit	R2A
19/23mm universal	R2AM



Tees	
3/4" pushfit	R3
19/23mm universal	R3M



Straight Tank Connectors	
3/4" pushfit	R4
19/23mm universal	R4M



Code	
Bent Tank Connectors	
3/4" pushfit	R5
19/23mm universal	R5M



Bent Tank Connector 3/4" BSP threaded outlet	
	FTC1AWH



Straight Female Coupling with fixed nut	
	R6



Straight Female Coupling with loose nut	
	R6A



Straight Female Coupling with fixed nut for converting male BSP outlets to pushfit fittings	
	R7



90° Female Coupling with loose nut	
	R8A



ABS Adaptor to convert 19mm connections up to 23mm OD pipe	
	R13



Reducer in ABS 1 1/4" plain tail to BS EN 1329-1:2000 x 19/23mm universal connection	
	R16













Reducer in ABS 1 1/2" plain tail to BS EN 1329-1:2000 x 19/23mm universal connection	
	R17



Code R1M

Code R2

1 1/4" and 1 1/2" Overflow Pipe and Pushfit Fittings

	1 1/4" Code	1 1/2" Code
	HD1-3M	HD2-3M
HDPE White Pipe 3m lengths		
	S30	T30
Pipe Clip		
	S4A	T4A
90° Bend		
	S4E	T4E
90° Knuckle Bend		
	S5	T5
90° Bend x BSP coupling nut		
	S18	T18
Straight Connector		
	V8	V1
Tee		
	S7	T7
Adaptor		
	S8A	T8A
BSP Nut ordinary		
	S9	T9
BSP Screwed Adaptor		

Standing Waste Backnut Model



All standing wastes are supplied with backnut and washers
Standard length of stand pipe 18"

When ordering state:

(1) Code

(2) Height required if not 18"

1 1/4" x 70mm flange x 3 1/2" tail

Code SWL-18

1 1/2" x 70mm flange x 3 1/2" tail

Code TWL-18

1 1/4" x 70mm flange x 1 1/2" tail

Code SWS-18

1 1/2" x 70mm flange x 1 1/2" tail

Code TWS-18

Tank Overflow



The Plumbers' First Choice



Unslotted Waste without Grid

1 1/4" x 70mm flange x 3 1/2" tail

Code W10

1 1/2" x 70mm flange x 3 1/2" tail

Code W20

1 1/4" x 70mm flange x 1 1/2" tail

Code W11

1 1/2" x 70mm flange x 1 1/2" tail

Code W21

1 1/4" and 1 1/2" Overflow Pipe and Pushfit Fittings

Water Storage Cistern Fittings (Ex Bye-law 30 Fittings)



3/4" Code	1" Code	1 1/4" Code	1 1/2" Code	2" Code
--------------	------------	----------------	----------------	------------

Complete Screened Tank Overflow Connector with quick release filter - standard model

R30	H28	R40	R45	-
-----	-----	-----	-----	---



Complete Screened Tank Overflow Connector with quick release filter - extended model

R30E	-	R40E	R45E	-
------	---	------	------	---



Screened Tank Breather

R31	-	SWLFBR	TWLFBR	ZWLFBR
-----	---	--------	--------	--------



Screened Breather/Filter with compression joint to pipe

R32	-	-	-	-
-----	---	---	---	---



Tank Lid Adaptor for expansion pipe

R33	-	-	-	-
-----	---	---	---	---




2 Way Expansion Pipe Adaptor


R34	-	-	-	-
-----	---	---	---	---





Tank Connector


R4M	H11M	S11M	T11M	Z11M
-----	------	------	------	------


	3/4" Code	1" Code	1 1/4" Code	1 1/2" Code	2" Code
	Complete 3/4" BL30 Kit comprising R30, R31, R33				
	BL30-3/4	-	-	-	-

	Screened Breather/Filter/Frost Cover with compression joint to pipe				
	-	-	SWLFCV	TWLFCV	-

	In-Line Screened/Filter Pipe Coupling				
	RWILF	HWILF	SWILF	TWILF	ZWILF

	Frost Protection Dip Tube Bend Connect pipe to provide length of dip tube required				
	-	-	S5	T5	Z5M

	90° Multifit x Plain End				
	-	-	MS4L	MT4L	MZ4L

	90° Multifit Bend				
	-	-	MS4	MT4	MZ4

Tun Dishes and Non-Return Valves

Tun Dishes



Tun Dish with 3/4" pushfit outlet

Code

TUN-1



Tun Dish with 19/23mm universal outlet

TUN-2



One-Piece Side Inlet Tun Dish with 19/23mm universal outlet

TUN-3

Chrome plated

TUN-3CP



One-Piece Tun Dish with 3/4" loose nut inlet x 19/23mm universal outlet

TUN-4

Chrome plated

TUN-4CP



One-Piece Tun Dish with 19/23mm universal inlet x 1 1/4" universal outlet

TUN-6



The Plumbers' First Choice

Non-Return Valves for WC Overflow



Tunvalve (Clear) with 3/4" female threaded inlet connection to WC overflow outlet x 19/23mm universal outlet

Code

TUNVALVE



Tunvalve Straight Through (Clear) with 19/23mm universal connections

Code

TUN5-CL

Non-Return Valves



Non-Return Valve with 19/23mm universal connections

Code

R28-NRV



90° Elbow with integral Non-Return Valve. Plain tail Inlet x 19/23mm universal outlet

Code

R29-NRV

In-Line Non-Return Valves



Convolve Non-Return Valve with 1 1/4" universal connections to take pressure-relief discharge from pressurised hot water cylinders

Code

CONVALVE-125



Convolve Non-Return Valve with 1 1/4" plain tail x 1 1/4" universal outlet to take pressure-relief discharge from pressurised hot water cylinders

Code

CONVALVE-125P

WC Overflow Kits with Tun Dish and Tee Pieces

WC Overflow Kits with Tun Dish - Overflow into Flush Pipe

- Before installation relaxation of Bye-law 84 is required by local water authority



WC Overflow Kit comprises TUN-2, V33T, 90° pushfit elbow and two $\frac{3}{4}$ " x 12" lengths of overflow pipe

- Not suitable for use with high level cisterns

Code TUNKIT-1

WC Overflow Kit comprises TUN-3, V33T, 90° pushfit elbow and two $\frac{3}{4}$ " x 12" lengths of overflow pipe

- Not suitable for use with high level cisterns

Code TUNKIT-3



The Plumbers' First Choice

Tee Pieces



Tee Piece 1½" BSP nut x 1½" universal x 19/23mm universal connection

- Not suitable for use with high level cisterns

Code V33T



Tee Piece with universal connection to flush pipe at both ends x 19/23mm universal connection

- Not suitable for use with high level cisterns

Code V33T-FP



Tee Piece 1½" BSP nut x 1½" BSP thread x 19/23mm universal connection

- Not suitable for use with high level cisterns

Code V33S-22



Code TUN-3CP

Code TUNVALVE

WC Overflow Kits with Tun Dish and Tee Pieces

Anti-Syphon Traps (Silenttraps)



Resealing Bottle Traps



1 1/4" Code	1 1/2" Code
Standard	
A10R	C10R



Adjustable Inlet	
A10AR	C10AR



Resealing Shower Trap

Code	STW4-RB
------	---------

■ Full range of Resealing Shower Traps see pages 24-26



Adjustable Inlet
Chrome Plated

A10AR-CP	C10AR-CP
----------	----------

■ Bends are available for converting 'P' traps to 'S' traps see page 6

Resealing Bottle Traps

Bottle Traps with 75mm Water Seal



1 1/4" Code	1 1/2" Code
Standard	
A10	C10



Anti-Syphon (Silentrap)	
A10V	C10V



Resealing	
A10R	C10R



Adjustable Inlet	
A10A	C10A



Anti-Syphon (Silentrap) Adjustable Inlet	
A10AV	C10AV



Resealing Adjustable Inlet	
A10AR	C10AR



1 1/4" Code	1 1/2" Code
Adjustable Inlet	
AA10	-



Adjustable Inlet Basin Trap with centre pin waste	
AA10W	-



38mm Water Seal	
E10	G10



Conversion Bend to convert bottle 'P' trap to 'S' trap	
S1M	T1M

Chrome Plated Bottle Traps



1 1/4" Code	1 1/2" Code
Resealing Trap Adjustable Inlet	
A10AR-CP	C10AR-CP



Adjustable Inlet	
CAA10	
Adjustable Inlet to suit 32mm OD European size CP brass waste pipe	
CE31A	

Chrome Plated Basin Traps, Pipe and Wall Flange



1 1/4" x 50mm Water Seal Brass Adjustable
Inlet Cylindrical Bottle Trap with 12" length of
32mm OD CP brass waste pipe and wall flange

Code CA32MINI-CB



1 1/4" x 75mm Water Seal Brass Adjustable
Inlet Cylindrical Bottle Trap with 16" length of
32mm OD CP brass waste pipe and wall flange

Code CA32UK-CB



1 1/4" x 50mm Water Seal Plastic Adjustable
Inlet Tubular Trap with 12" length of 32mm
OD CP brass waste pipe and wall flange

Code TA32UK-CB



1 1/4" x 75mm Water Seal Plastic Adjustable
Inlet Bottle Trap with 16" length of 32mm OD
CP brass waste pipe and wall flange

Code A32UK-CP



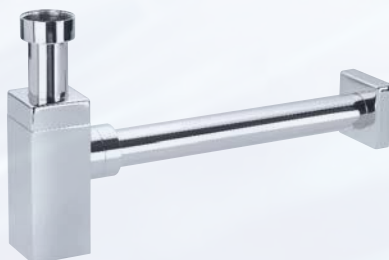
1 1/4" x 50mm Water Seal Plastic Adjustable
Inlet Tubular Anti-Syphon Trap (Silentrap)
with 12" length of 32mm OD CP brass waste
pipe and wall flange

Code TA32VUK-CB



1 1/4" x 75mm Water Seal Brass Adjustable
Inlet Bottle Trap with 16" length of 32mm OD
CP brass waste pipe and wall flange

Code A32UK-CB



1 1/4" x 50mm Water Seal Brass Adjustable
Inlet Square Bottle Trap with 12" length of
32mm OD CP brass waste pipe and wall flange

Code CA32SQUK-CB

- All kits except TA32UK-CB and TA32VUK-CB supplied with MS4-32SOLVENT fitting see pages 48 and 52
- For Chrome Plated Brass Waste Pipe and Fittings see page 52

Chrome Plated Basin Traps, Pipe and Wall Flange

Tubular Traps with 75mm Water Seal



1 1/4" Code	1 1/2" Code	2" Code
Swivel 'P'		
SA10	SC10	SE10



1 1/4" Code	1 1/2" Code	2" Code
Low Inlet		
BT3*	-	-



Anti-Syphon (Silentrap)		
SA10V	SC10V	SE10V



50mm Water Seal		
BT4	-	-



Adjustable Inlet		
ASA10	ASC10	ASE10



Adjustable Inlet with connection for 19/23mm pipe		
ASA10-SP*	ASC10-SP*	-



Adjustable Inlet Anti-Syphon (Silentrap)		
ASA10V	ASC10V	ASE10V



Swivel 'S'		
SB10	SD10	SF10



Adjustable Inlet Basin Trap with centre pin waste		
ASA10W*	-	-



All One		
SP10	TP10	ZP10



Adjustable Inlet Sink Trap with centre pin waste		
-	FST1WP*	-



All One Anti-Syphon (Silentrap)		
SP10V	TP10V	ZP10V
All One Basin Trap with centre pin waste		
SP10W*	-	-



Code SA10



1 1/4" Code	1 1/2" Code	2" Code
----------------	----------------	------------

Running 'P'

SR10*	TR10*	SG10*
-------	-------	-------



Running 'S'

SS10	TS10	SH10
------	------	------



1 1/4"
Code

Offset Basin Trap with adjustable inlet and cleaning eye

OBT1

Offset Anti-Syphon (Silentrap) Basin Trap with adjustable inlet and removable anti-syphon valve for cleaning purposes

OBT1V



Running suitable for most waste disposal units

-	TT10*	-
---	-------	---



Running with 20mm water seal

-	TRSH10	-
---	--------	---



Adjustable Inlet with 19mm water seal

BT1	BT2	-
-----	-----	---



Straight Through with one cleaning eye

1 1/4" Inlet x 1 1/4" outlet	X10	-	-
------------------------------	-----	---	---

Straight Through Anti-Syphon (Silentrap) with one cleaning eye

1 1/4" Inlet x 1 1/4" outlet	X10V	-	-
------------------------------	------	---	---

Straight Through with two cleaning eyes

1 1/4" Inlet x 1 1/4" outlet	X10A	-	-
------------------------------	------	---	---

1 1/4" Inlet x 1 1/2" outlet	Y10	-	-
------------------------------	-----	---	---

All traps marked* available as an ti-syphon (Silentrap). Add suffix 'V' to code. See page 4 for technical details

Tubular Traps with 75mm Water Seal

Domestic Appliance Traps 1 1/2" x 75mm Water Seal

General

- Domestic Appliance Traps provide the facility to accept the discharge from a washing and/or dishwashing machine(s) and are suitable for new and existing installations
- In all cases a blank cap, plug or blank nozzle is provided with the trap. Should the domestic appliance not be connected at the time of installation, the trap will function as a normal sink trap whilst providing an easily accessible point for the future installation of any appliance(s)

Sink Traps with connection for the discharge from domestic appliance(s)



Code WM1*



Code WM2



Code WM2V



Code WM11*



Code WM12*



Code WM14*



Code WM15*



Code ASC10-CO*

Standpipe Trap and Fittings



Standpipe Cap with retaining clip

Code WM3-CAP



Twin Connector for plumbing two domestic appliance discharge hoses into standpipe trap

- Multifit outlet to suit either 1 1/2" or 40mm diameter standpipe
- 135° swivel nozzles for washing and/or dishwashing machine discharge hoses - supplied with blanking plugs
- Discharge hose(s) to be taken to the height stated by the appliance manufacturer(s)
- An air break, as specified by appliance manufacturers is incorporated within the connector

Code V33WM



Standpipe Trap

Code WM3*

All traps marked* available as anti-siphon (Silentrap). Add suffix 'V' to code. See page 4 for technical details

Sink Trap with TeeVent

- The TeeVent system, which incorporates a non-return valve, provides an air break and enables the waste system to be sealed. This system has the advantage over a standpipe arrangement in that should a blockage occur, the non-return valve prevents flooding
- TeeVent fittings may be used with domestic appliance trap WM4
- All domestic appliance traps must be fitted in accordance with the fixing instruction leaflet included with each trap



Code TV1



Code TV2

- TV1 can be connected direct to the trap
- TV2 can be extended away from the trap by inserting a length of 1 1/2" waste pipe between Multifit connections of the TeeVent and the trap



Code

WM4*

Accessories



Straight Nozzle for connection to 1 1/2" Multifit

Code WMF3



90° Nozzle for connection to 1 1/2" Multifit

Code WMF4



135° Nozzle for connection to 1" BSP thread

Code MA15



Blanking Plug for traps and fittings

Code 228532



Swept Tee BSP nut x BSP thread x nozzle for discharge hose of domestic appliance

1 1/2" x 1 1/2" x 3/4"

Code V33L

1 1/4" x 1 1/4" x 3/4"

Code V34L



Tee Piece BSP nut x BSP thread x 135° nozzle for discharge hose of domestic appliance

1 1/2" x 1 1/2" x 3/4"

Code V33S

- When installing domestic appliance traps, care should be taken to observe the instructions of the manufacturer of the appliance, particularly with regard to the height of the discharge hose and the incorporation of an air break or vent to atmosphere

All traps marked* available as anti-syphon (Silentrap). Add suffix 'V' to code. See page 4 for technical details

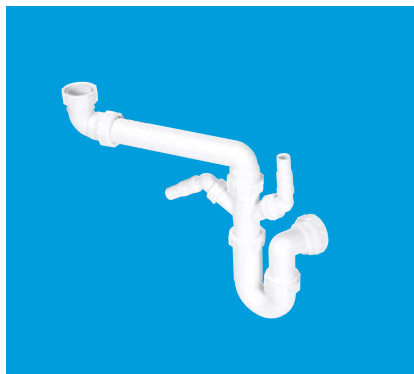
Appliance Trap and Accessories

General

Space Saver Kits are designed to allow full use of storage space below the sink bowl(s) and are suitable for use with almost all British and European sinks

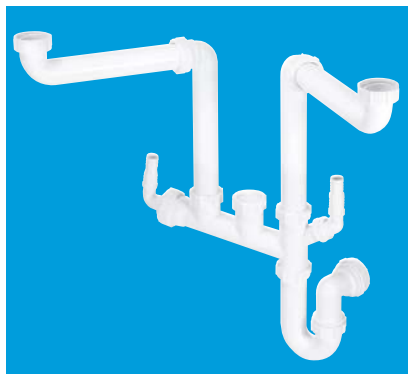
All kits have 1½" inlet connections and the provision for the discharge hose(s) of domestic appliance(s). Also supplied with an 1½" x 75mm water seal tubular swivel 'P' trap

Each kit is boxed individually and supplied with an illustrative drawing



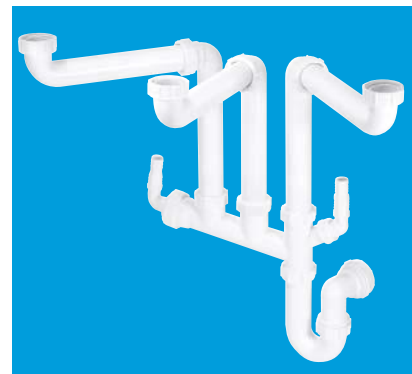
Single Bowl Kit

Code SSK1



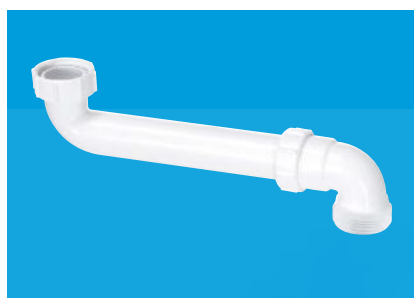
Double Bowl Kit

Code SSK2



Three Bowl Kit

Code SSK3



1½" Space Saver Trap Inlet

Code SSINLET1

1¼ inch Space Saver Trap Inlet

Code SSINLET2



Space Saver Plumbing Kits



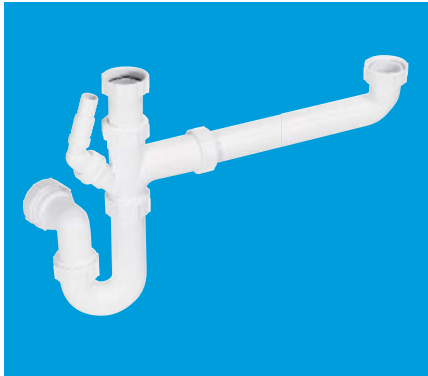
Plumbing Kit for adjustable height basin or sink

Code FLEXKIT1

Kit for Adjustable Height Basin or Sink

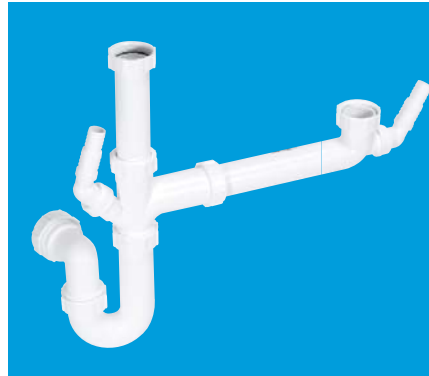
General

- Standard Kits have the provision for the discharge hose(s) of domestic appliance(s) and are suitable for use with almost all British and European sinks
- All kits have 1½" inlet connections and the provision for the discharge hose(s) of domestic appliance(s). Also supplied with an 1½" x 75mm water seal tubular swivel 'P' trap
- Each kit is supplied in a polythene bag complete with an illustrative drawing



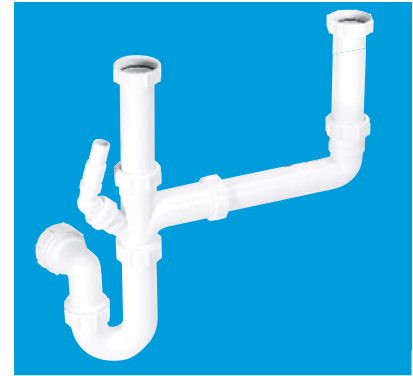
Bowl and a Half Kit

Code **SK1**



Bowl and a Half Kit

Code **SK1A**

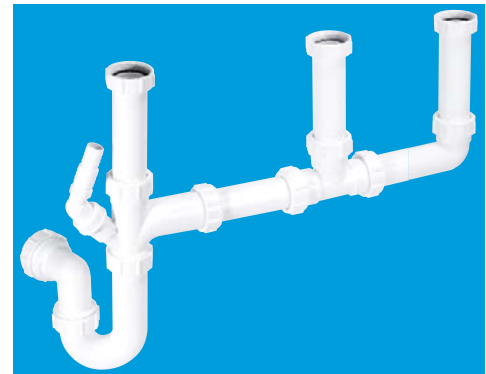


Double Bowl Kit

Code **SK2**



Code **SK1**



Three Bowl Kit

Code **SK3**



Blanking Plug(s)
included with all
plumbing kits

Code **228532**

Standard Plumbing Kits

Condensate Products for Connecting Condensate Discharge

Basin and Sink Traps



1 1/4" x 75mm Water Seal Tubular Swivel Basin Trap with adjustable inlet and connection for 19/23mm pipe. Supplied with blanking cap

Code ASA10-SP*



1 1/2" x 75mm Water Seal Tubular Swivel Sink Trap with adjustable inlet and connection for 19/23mm pipe. Supplied with blanking cap

Code ASC10-SP*



1 1/2" x 75mm Water Seal Tubular Swivel Sink Trap with adjustable inlet, nozzle for discharge hose of domestic appliance and connection for 19/23mm pipe. Supplied with blanking cap

Code ASC10-CO*



19/23mm Inlet and Outlet x 75mm Water Seal Offset Trap to receive discharge from condensing boiler. Supplied with support clip

Code OBT1-CO



34mm Open Inlet x 75mm Water Seal Offset Trap to accept flexible pipe from condensing boiler. Supplied with support clip

Code OBT2-CO

Flexible Connector from Condensing Boiler to Rigid or Flexible Condensate Discharge Pipe

- Easy connection to boiler condensate discharge pipe
- Allows for disconnection in freezing conditions for discharge to be redirected into a receptacle
- Universal connections suitable for 19/23mm rigid pipe and 25mm flexible pipe



200mm Flexible Connector

Code CONFLEX-200

300mm Flexible Connector

Code CONFLEX-300

Flexible Condensate Pipe Kit

- For use in installation of condensing boilers
- Eliminates use of traditional rigid discharge pipe and fittings thereby allowing complete flexibility to discharge point
- Includes fittings to allow for easy connection to sanitary pipework
- Allows for disconnection in freezing conditions for discharge to be redirected into a receptacle
- Particularly useful where installation space is restricted



Flexible Condensate Pipe Kit - contents

- 1 x 3m length of 25mm flexible pipe
- 6 x 25mm pipe clips
- 2 x Straight connectors with universal connections suitable for 19/23mm rigid pipe and 25mm flexible pipe
- 1 x 1 1/2" plain tail ABS solvent weld reducer to 19/23mm rigid pipe and 25mm flexible pipe

Code

CONFLEX-KIT1

All traps marked* available as anti-syphon (Silentrap). Add suffix 'V' to code. See page 4 for technical details

Soakaway - Container for use with limestone chippings. External use only



110mm x 300mm x 1 1/4" / 1 1/2"
Pipe top and side Inlet Connections to receive discharge from condensing boiler. 19/23mm x 32mm solvent weld fitting provided to increase size of discharge pipe before it passes through the external wall
Code SOAK1GR

Auxiliary Fittings



Pipe Clamp to suit 1 1/4"/1 1/2" Pipe to BS EN 1451-1:2000 /BS EN 1329-1:2000 with universal connection for 19/23mm rigid pipe and 25mm flexible pipe

Code (Grey) CLAMP1GR
Code (White) CLAMP1WH



1 1/2" x 1 1/2" x 19/23mm Universal Slip Tee with universal connection for 19/23mm rigid pipe and 25mm flexible pipe

Code V1MX-CO



In-line Vertical Non-Return Valve with inlet and outlet connection for 19/23mm pipe

Code CONVALVE



Straight Connector with universal connections for 19/23mm rigid pipe and 25mm flexible pipe

Code R1M-CO



50mm Tun Dish with 19/23mm pipe outlet

Code TUN-2

Mechanical Soil Pipe Boss Connectors



Mechanical Soil Pipe Boss Connector 57mm hole saw size. Supplied with fixing tool
4"/110mm x 1 1/4" pipe
Code BOSSCONN110-BL
4"/110mm x 1 1/2" pipe
Code BOSSCONN110T-BL
4"/110mm x 1 1/4" pipe
Code BOSSCONN110-GR
4"/110mm x 1 1/2" pipe
Code BOSSCONN110T-GR



Two-Piece Cast Iron Soil Pipe Boss Connector to suit 22mm drill size. Supplied with fixing tool
4"/110mm x 1 1/4" pipe
Code BOSS110C AST-BL
4"/110mm x 1 1/2" pipe
Code BOSS110T CAST-BL
3 1/2"/90mm x 1 1/4" pipe
Code BOSS90C AST-BL
3 1/2"/90mm x 1 1/2" pipe
Code BOSS90T CAST-BL
3"/82mm x 1 1/4" pipe
Code BOSS82C AST-BL
3"/82mm x 1 1/2" pipe
Code BOSS82T CAST-BL



Mechanical Soil and Rainwater Pipe Boss Connector for 1 1/4" pipe
Code BOSSCONN1.25B L
Code BOSSCONN1.25GR



Reducer in ABS 1 1/4" plain tail x 19/23mm universal connection

Code R16-BL
Code R16-GR



Mechanical Soil and Rainwater Pipe Boss Connector for 19/23mm pipe
Code BOSSCONN-22MM



Bath Traps 75mm, 60mm, 50mm and 19mm Water Seal

Bath Traps without Overflows



1 1/2" x 75mm Water Seal

Code L10



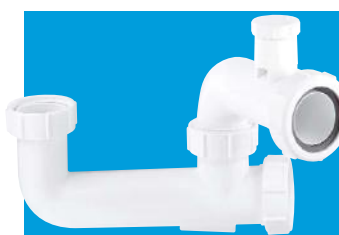
1 1/2" x 75mm Water Seal Anti-Syphon (Silentrap)

Code L10V



1 1/2" x 60mm Water Seal (Extended Body)

Code SM10E



1 1/2" x 60mm Water Seal (Extended Body) Anti-Syphon (Silentrap)

Code SM10EV



1 1/2" x 50mm Water Seal

Code SM10



1 1/2" x 50mm Water Seal Anti-Syphon (Silentrap)

Code SM10V



1 1/2" x 50mm Water Seal

Code SMP10



1 1/2" x 50mm Water Seal Anti-Syphon (Silentrap)

Code SMP10V



1 1/4" x 19mm Water Seal

Code P10

1 1/2" x 19mm Water Seal

Code Q10

Bath Trap with Top Access

- 1 1/2" x 50mm water seal swivel bath trap
- CP brass waste with top access and spring-loaded mushroom plug
- Matching CP mushroom plug and CP overflow face
- Adjustable flexible overflow tube length 330mm - 580mm
- Overall height of trap only 109mm



Code

HC2650UK

■ For Bath Waste Outlet Fittings suitable for use with the above Traps see pages 83-85

Bath Traps with Overflows



1 1/2" x 75mm Water Seal with flexible overflow tube and CP overflow grating

Code FJ10



1 1/2" x 75mm Water Seal Anti-Syphon (Silentrap) with flexible overflow tube and CP overflow grating

Code FJ10V



1 1/2" x 75mm Water Seal with flexible overflow tube and CP overflow grating and 70mm flange centre pin waste outlet fitting

Code FJ10WC*



1 1/2" x 60mm Water Seal (Extended Body) with flexible overflow tube and CP overflow grating

Code FSK10E*



1 1/2" x 50mm Water Seal with flexible overflow tube and CP overflow grating

Code FSK10



1 1/2" x 50mm Water Seal Anti-Syphon (Silentrap) with flexible overflow tube and CP overflow grating

Code FSK10V

Bath Traps 75mm, 60mm, 50mm and 19mm Water Seal

■ For Bath Waste Outlet Fittings suitable for use with the above traps see page 83

All traps marked* available as anti-syphon (Silentrap). Add suffix 'V' to code. See page 4 for technical details

Bath Fillers with Trap and Overflow

General

- Filler manufactured in cast brass
- Compact filler design 70mm diameter x 25mm deep suitable for curved baths
- Will fit overflow hole size 46mm to 65mm
- 0.5 bar pressure produces 33 litres per minute
1.0 bar pressure produces 44 litres per minute
2.0 bar pressure produces 57 litres per minute
- 650mm WRAS approved braided hose with 90° bend
- All traps 1 1/2" x 50mm water seal with Multifit outlet
- Compression overflow connection to trap

- **HC2650UK-FIL** has a standard overflow length of 575mm but is available with a 1m length. Incorporates a swivel bath trap and CP brass waste with top access spring-loaded mushroom plug. Overall height 109mm
- **HCN3365UK** has a standard overflow length of 575mm but is available with a 1m length. Incorporates a CP brass waste and spring-loaded mushroom plug
- **HCN3165UK** has a standard cable and overflow length of 575mm but is available with a 1m cable and overflow. Incorporates CP brass waste and mushroom pop-up plug



The Plumbers' First Choice

Bath Fillers with Trap and Overflow



Code HCN3365UK

Code HCN3365UK-1M



Code HCN3165UK

Code HCN3165UK-1M

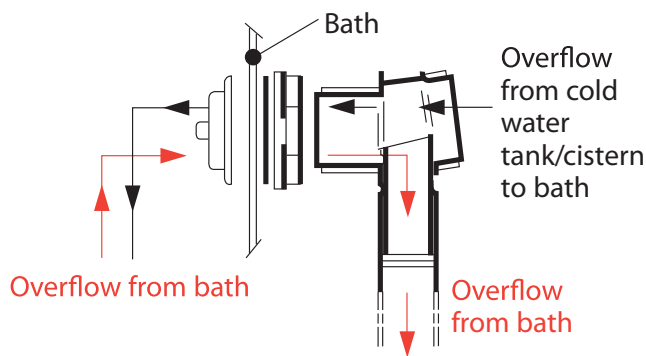


Code HC2650UK-FIL

Code HC2650UK-FIL-1M



Overflow Manifold (Wasteflow)



General

- Bath Wasteflow units enable the overflow and/or warning pipe from a cold water storage cistern and a WC flushing cistern (not fitted with an integral overflow) to be installed so that the discharge is directed into the bath via the bath overflow grating
- The construction of the Wasteflow is such that whilst acting as a conventional overflow for the bath, any overflow from a connected cistern is discharged through the overflow grating into the bath thereby providing a visible warning
- A feature of the Wasteflow design ensures that should the overflow grating be blocked, the overflow from the cistern is diverted to discharge directly into the bath trap and not

back along the overflow pipe thereby reducing the risk of flooding

- Wasteflow is also available with connection for condensate or condense drain

Advantages

- Wasteflow is available in various forms that allow greater flexibility for the discharge of cistern overflows, condensate and condense
- No unsightly external overflow pipes
- No damage to outside walls
- No risk of freezing
- No risk to other tenants or public

Installation

- Wasteflow is supplied with a choice of 50mm, 60mm or 75mm water seal trap
- Wasteflow is installed under the roll of the bath
- Wasteflow fittings shown on page 20 enable a range of connections that may be housed within the roll of the bath or if necessary extended into a duct space
- Overflow pipes connected to Wasteflow should have an adequate and continuous fall to ensure a natural gravity discharge



Wasteflow with pop-up waste and trap: CP brass control knob: CP stainless steel waste flange and plug

With L10 Trap	PUWF3-CP*
With SM10E Trap	PUWF2-CP*



Wasteflow with trap

With FJ10 Trap	FJWF1*
With FSK10 Trap	FSKWF1*
Without Trap	WF1

- Bath Waste Outlet Fittings see page 83



Wasteflow with 1 1/2" waste outlet fitting, plug, chain and two way connector

Code	WF21
------	------

Overflow Manifold (Wasteflow)

- Wasteflow Manifolds have a 1 1/2" BSP male thread on the inlet and will normally require an additional fitting from the list on page 20

All traps marked* available as anti-syphon (Silentrap). Add suffix 'V' to code. See page 4 for technical details

Overflow Manifold (Wasteflow) Chrome Plated Bath Trap with Overflow

Wasteflow



Wasteflow can be fitted with R11, R12 or R15 connector (order as required) for connection to overflow warning pipe. Side inlet connection for 19/23mm condensate or condense drain

Code	WF21-SP
------	---------

Wasteflow Fittings



Straight Connector 1 1/2" loose nut
x connection for 19/23mm pipe

Code	R11
------	-----



Four Way Connector 1 1/2" loose
nut x four connections for 19mm
pipe, supplied with three plugs

Code	R12
------	-----



ABS Adaptor to convert 19mm
connections on R12 and R15
fittings up to 23mm OD pipe

Code	R13
------	-----



3/4" In-Line Non-Return Valve

Code	R14
------	-----



2 Way Connector 1 1/2" loose nut x
two connections for 19mm pipe,
supplied with one plug

Code	R15
------	-----

■ See page 63 for WC Overflow Kits with Tun Dish

Chrome Plated Brass Bath Traps with Combined Waste and Overflow



1 1/2" x 50mm Water Seal CP Brass Trap : 1 1/2"
CP brass combined waste and overflow with
70mm spring-loaded mushroom plug and
matching overflow face

Code	BRASSTRAP-50-CP
------	-----------------

1 1/2" x 25mm Water Seal CP Brass Trap : 1 1/2"
CP brass combined waste and overflow with
70mm spring-loaded mushroom plug and
matching overflow face

Code	BRASSTRAP-25-CP
------	-----------------

110mm x 50mm Water Seal Pushfit Traps, Urinal Bowl Syphonic Traps and Condensation Trap

110mm x 50mm Water Seal Pushfit Traps

Pushfit Traps are manufactured in high density polyethylene and the inlet and outlet sealing rings from a proven synthetic rubber compound. Pushfit traps will suit WC squatting pans, slop hoppers or similar appliances with 90-114mm plain end outlet and will connect to 110mm pipe



Code

WCTRAP4P



Code

WCTRAP4S

Urinal Bowl Syphonic Traps

Syphonic Traps have inlets to suit continental style syphonic urinal bowl to create a 75mm water seal trap. Outlet to suit 2" BS EN 1329-1:2000 solvent weld pipe



Syphonic 'P' Trap

Code HCUP50UK



Syphonic 'S' Trap

Code HCUS50UK



The Plumbers' First Choice

Condensation Trap

Condensation Trap has been designed as a straight socket connector for 110mm and 125mm pipe (commonly used as ducting for basic air extraction systems) and provides an internal trap/diverter which will collect condensation forming on the internal surface of the extract pipework. It allows for the connection of a 19/23mm pipe, which can be installed to drain off the condensation to a convenient position



110mm pipe

Code CONTRAP1

125mm pipe

Code CONTRAP2

Pushfit Traps, Urinal Bowl Syphonic Traps and Condensation Trap

90mm Shower Traps with 50mm Water Seal

90mm Shower Traps with 50mm Water Seal and removable 113mm Flange to

CP Plastic Flange

CP Brass Flange

CP Brass Flange

90mm x 50mm Water Seal with 1 1/2" Multifit Outlet

Overall height 70mm



ST90CP10-70



ST90CB10-70



ST90CPB-P-70

90mm x 50mm Water Seal with 1 1/2" Multifit Outlet

Overall height 82mm



ST90CP10



ST90CB10



ST90CPB-P

90mm x 50mm Water Seal with 1 1/2" Multifit Outlet

High-flow high-performance trap. Over all height 85mm



ST90CP10-HP2



ST90CB10-HP2



ST90CPB-P-HP2

90mm x 50mm Water Seal with 2" Multifit Outlet

High-flow high-performance trap. Over all height 85mm



ST90CP10-HP



ST90CB10-HP



ST90CPB-P-HP

90mm x 50mm Water Seal with 2" Universal Vertical Outlet

Overall height 108mm



ST90CP10-V



ST90CB10-V



ST90CPB-P-V

facilitate easy cleaning

CP Brass Flange

White Plastic Flange

90mm x 50mm Water Seal with 1 1/2" Multifit Outlet
Overall height 70mm



ST90CPB-S-70



ST90WH10-70

90mm x 50mm Water Seal with 1 1/2" Multifit Outlet
Overall height 82mm



ST90CPB-S



ST90WH10

90mm x 50mm Water Seal with 1 1/2" Multifit Outlet
High-flow high-performance trap. Over all height 85mm



ST90CPB-S-HP2



ST90WH10-HP2

90mm x 50mm Water Seal with 2" Multifit Outlet
High-flow high-performance trap. Over all height 85mm



ST90CPB-S-HP



ST90WH10-HP

Do not pour drain cleaner down these products

90mm x 50mm Water Seal with 2" Universal Vertical Outlet
Overall height 108mm



ST90CPB-S-V



ST90WH10-V

90mm Shower Traps with 50mm Water Seal

1 1/2" Shower Traps with Top Access

Traps with Standard Waste and Flange

- Waste grid and dip tube removable from top to facilitate easy cleaning
- 1 1/2" Multifit outlet
- 70mm or 85mm standard waste and flange - white plastic, CP plastic or CP brass
- Gold plated wastes and grids only supplied as separate items - see page 27

70mm White Plastic Flange

85mm White Plastic Flange

19mm Water Seal Trap

Overall height 95mm



STW1-R



STW5-R

50mm Water Seal Trap

Overall height 95mm



STW2-95



STW6-95

50mm Water Seal Resealing Trap

Overall height 118mm



STW2-R



STW6-R

80mm Water Seal Resealing Trap

Overall height 154mm



STW9-R



STW11-R



Do not pour drain cleaner down these products

70mm CP
Plastic Flange

85mm CP
Plastic Flange

70mm CP
Brass Flange

85mm CP
Brass Flange

19mm Water Seal Trap

Overall height 95mm



STW3-R



STW7-R



STW3-RB



STW7-RB

50mm Water Seal Trap

Overall height 95mm



STW4-95



STW8-95



STW4B-95



STW8B-95

50mm Water Seal Resealing Trap

Overall height 118mm



STW4-R



STW8-R



STW4-RB



STW8-RB

80mm Water Seal Resealing Trap

Overall height 154mm



STW10-R



STW12-R



STW10-RB



STW12-RB

1 1/2" Shower Traps with Top Access

1 1/2" Shower Traps with Top Access

Traps with Waste and Mushroom Flange

- Mushroom flange and dip tube removable from top to facilitate easy cleaning
- 1 1/2" Multifit outlet
- 70mm or 85mm mushroom flange available in white plastic or CP stainless steel complete with standard locking nut

70mm White Plastic
Mushroom Flange

85mm White Plastic
Mushroom Flange

70mm CP Stainless
Steel Mushroom
Flange

85mm CP Stainless
Steel Mushroom
Flange

19mm Water Seal Trap Overall height 95mm



STW1-M



STW5-M



STW3-M



STW7-M

50mm Water Seal Trap Overall height 95mm



STW2M-95



STW6M-95



STW4M-95



STW8M-95

50mm Water Seal Resealing Trap Overall height 118mm



STW2-M



STW6-M



STW4-M



STW8-M

80mm Water Seal Resealing Trap Overall height 154mm



STW9-M



STW11-M



STW10-M



STW12-M

1 1/2" Shower Traps with Top Access

70mm Shower Trap and Shower Trap Accessories







70mm x 25mm Water Seal Trap with Top Access: 85mm CP Stainless Steel Mushroom Flange with 1 1/2" BS EN 1329-1:2000 solvent weld outlet. Overall height 50mm

Code ST70SS85

■ Only suitable for shower trays with a 70mm waste outlet

Standard Waste with grid to suit tray with maximum thickness of 22mm

			
White Plastic	CP Plastic	CP Brass	GP Plastic
STW70WH	STW70CP	STW70CPB	STW70GP
STW85WH	STW85CP	STW85CPB	STW85GP

Long Waste with grid to suit tray with maximum thickness of 29mm

Grid only



The Plumbers' First Choice

				
White Plastic	CP Plastic	White Plastic	CP Plastic	GP Plastic
STW70WHL	STW70CPL	STWGR-WH	STWGR-CP	STWGR-GP
STW85WHL	STW85CPL			

Standard Locking Nut to suit tray with maximum thickness of 22mm



STW70LN
STW85LN

Mushroom Flange



White Plastic



CP Stainless Steel

Long Locking Nut to suit tray with maximum thickness of 29mm

STW70WHM	STW70SSM
STW85WHM	STW85SSM

STW70LN L
STW85LN L



70mm Shower Trap and Shower Trap Accessories





1 1/4"	1 1/2"	2"
Code	Code	Code

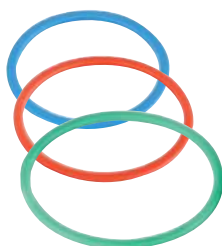
Trap Inlet

RW1	RW2	RW3
-----	-----	-----



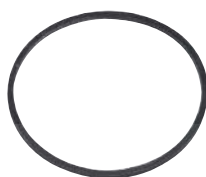
Multifit Rubber Olive

RWM1	RWM2	RWM3
------	------	------



Multifit Plastic Friction Washer

Blue	Red	Green
PWM1	PWM2	PWM3



Rubber Washer

For A10 CUP	ARW10
For C10 CUP	CRW10
For E10 CUP	RW3



Blanking Plug, Nut and Washer for L10, SM10, SM10E bath traps

Code	L10PLUG
Code	SM10PLUG
Code	SM10EPLUG



Rubber Seal to suit ST90 dip tube

P-RW-STW90



Rubber 'O' Ring Seal to suit STW dip tube

P-OR-SHOWERTRP



Dip Tube to suit STW trap

19mm water seal

STW19-TUBE

50mm water seal

STW50-TUBE

80mm water seal

STW80-TUBE



113mm CP Plastic Flange to suit ST90 Trap. Supplied complete with dip tube






ST90CPTOP+TUBE




Long Waste for ST90CP10, ST90CB10 and ST90WH10 traps. To suit tray with maximum thickness of 25mm


ST90W/BODY-L


Multifit Waste Fittings


	<table><tr><th>1 1/4"</th><th>1 1/2"</th><th>2"</th></tr><tr><th>Code</th><th>Code</th><th>Code</th></tr><tr><td>MS4</td><td>MT4</td><td>MZ4</td></tr></table>	1 1/4"	1 1/2"	2"	Code	Code	Code	MS4	MT4	MZ4		<table><tr><th>1 1/4"</th><th>1 1/2"</th><th>2"</th></tr><tr><th>Code</th><th>Code</th><th>Code</th></tr><tr><td colspan="3">Straight Connector Multifit x European pipe size</td></tr><tr><td>x 32mm</td><td>x 40mm</td><td>x 50mm</td></tr><tr><td>S28L-ISO</td><td>T28L-ISO</td><td>Z28L-ISO</td></tr><tr><td>x 40mm</td><td>-</td><td>-</td></tr><tr><td>ST28L-ISO</td><td>-</td><td>-</td></tr></table>	1 1/4"	1 1/2"	2"	Code	Code	Code	Straight Connector Multifit x European pipe size			x 32mm	x 40mm	x 50mm	S28L-ISO	T28L-ISO	Z28L-ISO	x 40mm	-	-	ST28L-ISO	-	-
1 1/4"	1 1/2"	2"																															
Code	Code	Code																															
MS4	MT4	MZ4																															
1 1/4"	1 1/2"	2"																															
Code	Code	Code																															
Straight Connector Multifit x European pipe size																																	
x 32mm	x 40mm	x 50mm																															
S28L-ISO	T28L-ISO	Z28L-ISO																															
x 40mm	-	-																															
ST28L-ISO	-	-																															
	<table><tr><td colspan="3">90° Bend Multifit x European pipe size</td></tr><tr><td>x 32mm</td><td>x 40mm</td><td>x 50mm</td></tr><tr><td>MS4-ISO</td><td>MT4-ISO</td><td>MZ4-ISO</td></tr></table>	90° Bend Multifit x European pipe size			x 32mm	x 40mm	x 50mm	MS4-ISO	MT4-ISO	MZ4-ISO																							
90° Bend Multifit x European pipe size																																	
x 32mm	x 40mm	x 50mm																															
MS4-ISO	MT4-ISO	MZ4-ISO																															
	<table><tr><td colspan="3">90° Bend Multifit x 32mm European pipe size ring seal pushfit</td></tr><tr><td>MS4-32MM</td><td>-</td><td>-</td></tr></table>	90° Bend Multifit x 32mm European pipe size ring seal pushfit			MS4-32MM	-	-		<table><tr><td colspan="3">Adjustable Straight Connector</td></tr><tr><td>MS18E</td><td>M T18E</td><td>M Z18E</td></tr></table>	Adjustable Straight Connector			MS18E	M T18E	M Z18E																		
90° Bend Multifit x 32mm European pipe size ring seal pushfit																																	
MS4-32MM	-	-																															
Adjustable Straight Connector																																	
MS18E	M T18E	M Z18E																															
	<table><tr><td colspan="3">90° Bend ABS solvent weld x 32mm European pipe size ring seal pushfit</td></tr><tr><td>MS4-32SOLVENT</td><td colspan="2">-</td></tr></table>	90° Bend ABS solvent weld x 32mm European pipe size ring seal pushfit			MS4-32SOLVENT	-			<table><tr><td colspan="3">Straight Connector Multifit x plain end*</td></tr><tr><td>MS18L</td><td>M T18L</td><td>-</td></tr></table>	Straight Connector Multifit x plain end*			MS18L	M T18L	-																		
90° Bend ABS solvent weld x 32mm European pipe size ring seal pushfit																																	
MS4-32SOLVENT	-																																
Straight Connector Multifit x plain end*																																	
MS18L	M T18L	-																															
	<table><tr><td colspan="3">90° Bend Multifit x plain end*</td></tr><tr><td>MS4L</td><td>MT4L</td><td>MZ4L</td></tr></table>	90° Bend Multifit x plain end*			MS4L	MT4L	MZ4L		<table><tr><td colspan="3">Swept Tee</td></tr><tr><td>V8M</td><td>V1M</td><td>V15M</td></tr></table>	Swept Tee			V8M	V1M	V15M																		
90° Bend Multifit x plain end*																																	
MS4L	MT4L	MZ4L																															
Swept Tee																																	
V8M	V1M	V15M																															
	<table><tr><td colspan="3">135° Bend</td></tr><tr><td>MS20</td><td>MT20</td><td>MZ20</td></tr></table>	135° Bend			MS20	MT20	MZ20		<table><tr><td colspan="3">1 1/2" Equal Slip Tee with universal connections</td></tr><tr><td>-</td><td>V1MX</td><td>-</td></tr></table>	1 1/2" Equal Slip Tee with universal connections			-	V1MX	-																		
135° Bend																																	
MS20	MT20	MZ20																															
1 1/2" Equal Slip Tee with universal connections																																	
-	V1MX	-																															
	<table><tr><td colspan="3">135° Bend Multifit x plain end*</td></tr><tr><td>MS20L</td><td>MT20L</td><td>MZ20L</td></tr></table>	135° Bend Multifit x plain end*			MS20L	MT20L	MZ20L		<table><tr><td colspan="3">Reducer for Fittings *</td></tr><tr><td>1 1/2" x 1 1/4"</td><td>T12M</td><td>-</td></tr><tr><td>2" x 1 1/4"</td><td>-</td><td>ZS26L</td></tr><tr><td>2" x 1 1/2"</td><td>-</td><td>ZT26L</td></tr></table>	Reducer for Fittings *			1 1/2" x 1 1/4"	T12M	-	2" x 1 1/4"	-	ZS26L	2" x 1 1/2"	-	ZT26L												
135° Bend Multifit x plain end*																																	
MS20L	MT20L	MZ20L																															
Reducer for Fittings *																																	
1 1/2" x 1 1/4"	T12M	-																															
2" x 1 1/4"	-	ZS26L																															
2" x 1 1/2"	-	ZT26L																															
	<table><tr><td colspan="3">Straight Connector</td></tr><tr><td>S28M</td><td>T28M</td><td>Z28M</td></tr></table>	Straight Connector			S28M	T28M	Z28M		<table><tr><td colspan="3">Straight Connector 1 1/4" x 1 1/2"</td></tr><tr><td>-</td><td>ST28M</td><td>-</td></tr></table>	Straight Connector 1 1/4" x 1 1/2"			-	ST28M	-																		
Straight Connector																																	
S28M	T28M	Z28M																															
Straight Connector 1 1/4" x 1 1/2"																																	
-	ST28M	-																															
			<table><tr><td colspan="3">Straight Connector 1 1/4" x 1 1/2"</td></tr><tr><td>-</td><td>ST28M</td><td>-</td></tr></table>	Straight Connector 1 1/4" x 1 1/2"			-	ST28M	-																								
Straight Connector 1 1/4" x 1 1/2"																																	
-	ST28M	-																															


■ Fittings marked * have plain ends which are designed to fit into other fittings or traps with Multifit or universal connection


	1 1/4" Code	1 1/2" Code	2" Code
	Reducer in ABS * 1 1/4" plain tail to BS EN 1329-1:2000 x 19/23mm universal connection		
	R16	-	-


	Reducer in ABS * 1 1/2" plain tail to BS EN 1329-1:2000 x 19/23mm universal connection		
	-	R17	-


	Rubber Reducer 1 1/4" x 1"/28mm		
	T12R	-	-


	Straight Connector Multifit x BSP female thread		
	S29	T29	Z29

	Straight Connector Multifit x BSP coupling nut		
	S29-LN	T29-LN	-

	90° Bend Multifit x BSP coupling nut		
	S5M	T5M	Z5M

	95° Bend Multifit x BSP coupling nut		
	S5M-A	T5M-A	-


	135° Bend Multifit x BSP coupling nut		
	-	ST90-OUT	-


	1 1/4" Code	1 1/2" Code	2" Code
	Straight Connector BSP male thread x Multifit		
	S31M	T31M	-


	Multifit Tank Connector		
	S11M	T11M	Z11M


	Multifit Bent Tank Connector		
	MS4-TANK MT4-TANK MZ4-TANK		

	Blanking Cap for Multifit fittings		
	S23M	T23M	Z23M

	Blanking Cap for waste pipe with universal connection		
	S23U	T23U	Z23U

	2" Caulking Ferrule		
	S21A	T21A	Z21A

	In-Line Connector with Filter - Top Access universal connection x ABS plain spigot BS EN 1329-1:2000		
	-	T28M-FIL	-

	Loose Nut		
	S8M	T8M	Z8M

Flexible Waste Fittings and Non-Return Valves

Flexible Connector offers maximum flexibility when conventional fittings cannot be used

- Maximum effective length 18"
- Plain spigot to suit Multifit and universal outlet traps or waste fittings
- Universal outlet connection



1 1/4" Code	1 1/2" Code	2" Code
FLEXCON1	FLEXCON2	-

Flexible Fittings

- These fittings offer complete flexibility for any required angle or offset



Universal Connection x Universal Connection

FLEXCON3	FLEXCON4	FLEXCON7
----------	----------	----------

Non-Return Valves



1 1/4" Code	1 1/2" Code	2" Code
In-Line Non-Return Valve with 1 1/2" universal connections and top access for cleaning		
-	T28M-NRV	-



In-Line Non-Return Valve with 2" universal connections and top access for cleaning		
-	-	Z28M-NRV



In-Line Non-Return Valve with 2" BS EN 1329-1:2000 solvent weld connections and top access for cleaning		
-	-	Z28M-NRVS

- Non-Return Valves are designed to prevent a back flow of water. They must only be used when there is no alternative and on the basis that they are cleaned regularly




The Plumbers' First Choice


- 50 **Universal Connection x PVC Plain Spigot**
suitable for solvent welding to pipe
BS EN 1329-1:2000

FLEXCON5	FLEXCON6	FLEXCON8
----------	----------	----------


Sundry Fittings


Sundry Fittings


	1 1/4"	1 1/2"	2"
	Code	Code	Code
	90° Bend with BSP male thread x BSP coupling nut		
	S1	T1	Z1


	BSP Nut ordinary		
	S8A	T8A	Z8A
	BSP Nut compression		
	S8B	T8B	Z8B

	Compression Ring for Imperial Copper		
	S13	T13	-


	BSP Coupling to BS EN 1329-1:2000 ABS or PVC pipe, must be solvent welded		
	S25	T25	-


	Trap Inlet Reducer		
	1 1/4" x 1"		
	S16	-	-
	1 1/2" x 1 1/4"	T16	-


	Blank Cap with nut for BSP threads		
	S23	T23	Z23


	7" Extension Piece effective length 5". Available longer or shorter on application		
	S22L	T22L	-


BSP Female x BSP Male Couplings


	1 1/4"	1 1/2"
	Code	Code
	BSP Coupling	
	1" length	S12A-1 T12A-1
	2" length	S12A-2 T12A-2
	3" length	S12A-3 T12A-3

	BSP Coupling flush spigot European to UK waste adaptor	
	S12A-F	T12A-F

	BSP Coupling	
	1 1/4" x 1"	S12C -
	1" x 3/4"	S12D -

	BSP Coupling waste outlet reducer	
	1 1/2" x 1 1/4"	- T12

	BSP Coupling	
	1 3/4" x 1 1/2"	- T12B
	2" x 1 1/2"	- T12C
	2" x 1 1/4"	- T12D
	1 1/2" x 1"	- T12H

	BSP Coupling	
	1 1/2" x 2"	- T12E
	1 1/2" x 1 3/4"	- T12F



Sundry Fittings

Chrome Plated Brass Waste Pipe and Fittings

	32mm Code	35mm Code	42mm Code
	1m length of CP Brass Pipe		
	European pipe size	1 1/4" UK pipe size	1 1/2" UK pipe size
	PIPE32-1000-CB	PIPE35-1000-CB	PIPE42-1000-CB
	CP Pipe Clip		
	S32-CP	S35-CP	T42-CP
	90° Compression Bend		
	32A-CB	35A-CB	42A-CB
	135° Compression Bend		
	-	35B-CB	42B-CB
	Compression Tee		
	-	-	42E-CB
	Compression Straight Connector		
	32G-CB	35G-CB	42G-CB
	Wall Flange		
	WALLFLANGE-CP32	WALLFLANGE-CP35	WALLFLANGE-CP42
	Synthetic Rubber Seal Reducers for above fittings		
		R/SEAL-35X32	R/SEAL-42X32
			R/SEAL-42X35
	ABS Solvent Weld Adaptor to convert above fittings to BS EN 1329-1:2000 plastic solvent weld waste pipe		
	ABSCON-32X1.25	ABSCON-35X1.25	ABSCON-42X1.5
	90° Bend 32/35mm compression CP brass x 1 1/4" ABS solvent weld		
	Code	ABS32/35A-CB	
	Straight Connector 32/35mm compression CP brass x 1 1/4" ABS solvent weld		
	Code	ABS32/35G-CB	
			90° Bend 32mm European pipe size ring seal pushfit x 1 1/4" ABS solvent weld
			Code MS4-32MM
			Code MS4-32SOLVENT

- For Multifit fittings suitable for use with 35mm and 42mm external diameter pipe see pages 48 and 49
- For Chrome Plated Traps see pages 6, 7 and 20

Surefit Waste System

1 1/4" Code	1 1/2" Code	2" Code
HDPE White Pipe 3m lengths		
HD1-3M	HD2-3M	HD3-3M

Pipe Clip		
S30	T30	Z30

90° Bend		
S4L	T4L	Z4L

135° Bend		
S20L	T20L	-

Straight Connector		
S18L	T18L	Z18L

Straight Connector Multifit x Surefit		
S28L	T28L	Z28L

Reducer 1 1/2" to 1 1/4"		
-	T12L	-

Blank Cap without nut		
S23L	T23L	Z23L

Reducer for Fittings		
2"-1 1/4"	1 1/2"-1 1/4"	2"-1 1/2"
S26L	T12S	T26L

1 1/4" Code	1 1/2" Code
Swept Tee	
V8L	V1L

Swept Tee	
1 1/2" x 1 1/2" x 1 1/4"	- V21L

Swept Tee Surefit x 19mm pushfit branch		
1 1/2" x 1 1/2" x 3/4"	-	V23L
1 1/4" x 1 1/4" x 3/4"	V24L	-

Swept Tee BSP nut x BSP thread x nozzle for discharge hose of domestic appliance		
1 1/2" x 1 1/2" x 3/4"	-	V33L
1 1/4" x 1 1/4" x 3/4"	V34L	-

Tee Piece BSP nut x BSP thread x 135° nozzle for discharge hose of domestic appliance	
1 1/2" x 1 1/2" x 3/4"	V33S

1 1/4" Code	1 1/2" Code	2" Code
----------------	----------------	------------

90° Connector to soil pipe boss BS EN 1451-1:2000 size*		
S4M	T4M	-

135° Connector to soil pipe boss BS EN 1451-1:2000 size*		
S20M	T20M	-

Straight Connector to soil pipe boss BS EN 1451-1:2000 size*		
S18M	T18M	Z18M

Wall Flange for HDPE pipe		
S17	T17	-

- *BS 5254 size - if connecting to boss size BS 5255 add 5255 to code e.g. S4M 5255
- Surefit waste fittings only suitable for M Alpine HDPE waste pipe

Surefit Waste System

Drain Connectors and Blanking Off Caps

- Manufactured in polypropylene
- Finned seal spigot for internal connection to cast iron, plastic or clay 4"/110mm pipe



4"/110mm x 4"/110mm Connector with 'O' seal socket to fit 4"/110mm pipe to BS 4514

Code (Black) DC1-BL

Code (Grey) DC1-GR

With 14mm offset

Code (Black) DC1BL-OS

Code (Grey) DC1GR-OS

Drain Connector with Boss



4"/110mm x 4"/110mm Connector with 'O' seal socket to fit 4"/110mm pipe to BS 4514 and 1 1/2" universal pipe boss including blanking cap

Code (Black) DC1-BL-BO

Code (Grey) DC1-GR-BO

Drain Connector 90° Bend

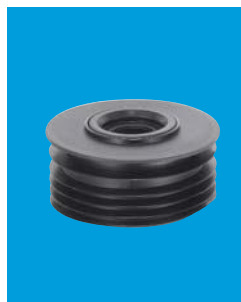


90° Bend 4"/110mm x 4"/110mm with 'O' seal socket to fit 4"/110mm pipe to BS 4514

Code (Black) DC90-BL

Code (Grey) DC90-GR

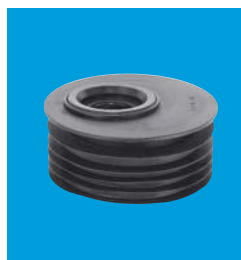
- Ideal for low level connections
- Reducers allow for connection to BS EN 1451-1:2000 and BS EN 1329-1:2000 pipe



4"/110mm Reducer

Connector with sealing ring to fit to plastic waste pipe

	Code
1 1/4" and 1 1/2"	DC2-BL
2"	DC3-BL



4"/110mm Reducer

Connector with offset sealing ring to fit to plastic waste pipe

1 1/4" and 1 1/2"	DC2BL-OS
2"	DC3BL-OS



4"/110mm Blanking Cap

suitable for sealing cast iron, plastic or clay 4"/110mm pipe

Code DC4-BL

Temporary Blanking Off Caps



Synthetic Rubber Cap for sealing 110mm pipe

Code CAP100



1 1/4"	1 1/2"	2"
Code	Code	Code

Synthetic Rubber Cap for waste pipe

S23MR T23MR Z23MR

Mechanical Soil Pipe Boss Connectors

- Suitable for waste water and condensate discharge
- Simple dry fixing mechanical connection

Mechanical Soil Pipe Boss Connectors to suit 57mm hole saw size



- Universal connection for pushfit or solvent weld waste pipe
- All boss connectors supplied with fixing tool

Two-Piece Cast Iron Soil Pipe Boss Connector to suit 22mm drill size for CONDENSATE DISCHARGE ONLY



4"/110mm x 1 1/4" pipe
Code BOSS110CAST-BL

4"/110mm x 1 1/2" pipe
Code BOSS110TCAST-BL

3 1/2"/90mm x 1 1/4" pipe
Code BOSS90CAST-BL

3 1/2"/90mm x 1 1/2" pipe
Code BOSS90TCAST-BL

3"/82mm x 1 1/4" pipe
Code BOSS82CAST-BL

3"/82mm x 1 1/2" pipe
Code BOSS82TCAST-BL



4"/110mm x 1 1/4" pipe
Code BOSSCONN110-BL

4"/110mm x 1 1/2" pipe
Code BOSSCONN110T-BL

4"/110mm x 2" pipe
Code BOSSCONN110Z-BL

3"/82mm x 1 1/4" pipe
Code BOSSCONN82-BL

3"/82mm x 1 1/2" pipe
Code BOSSCONN82T-BL

3"/82mm x 2" pipe
Code BOSSCONN82Z-BL



4"/110mm x 1 1/4" pipe
Code BOSSCONN110-GR

4"/110mm x 1 1/2" pipe
Code BOSSCONN110T-GR

4"/110mm x 2" pipe
Code BOSSCONN110Z-GR

3"/82mm x 1 1/4" pipe
Code BOSSCONN82-GR

3"/82mm x 1 1/2" pipe
Code BOSSCONN82T-GR

3"/82mm x 2" pipe
Code BOSSCONN82Z-GR

Mechanical Soil and Rainwater Pipe Boss Connectors



Mechanical Soil and Rainwater Pipe Boss Connector for 1 1/4" pipe

Code BOSSCONN1.25BL

Code BOSSCONN1.25GR



Reducer in ABS 1 1/4" plain tail x 19/23mm universal connection

Code R16-BL

Code R16-GR



Mechanical Soil and Rainwater Pipe Boss Connector for 19/23mm pipe

Code BOSSCONN-22MM

Threaded Boss Connectors



Straight Connector 2" BSP male thread x Multifit

2" BSP x 1 1/4" Multifit ZS31M

2" BSP x 1 1/2" Multifit ZT31M

2" BSP x 2" Multifit Z31M

Mechanical Soil Pipe Boss Connectors

Aluminium R oof Flashing (MacFlash)

General

- MacFlash Aluminium Roof Flashing offers an alternative to traditional lead roof slates
- The aluminium flashing is manufactured from high grade aluminium and the collar from synthetic rubber, both to British Standards. The collar is die-formed to the aluminium flashing

Advantages

- MacFlash is quickly and easily installed and offers cost savings in material and labour
- MacFlash is suitable for flat roofs and for roof pitches up to 45°
- MacFlash has special corrugations that can be easily dressed to form a seal
- MacFlash can be used with flue pipes from condensing boilers

Nominal Pipe Size 4"/110mm pipe
Base Measurements 18" x 18"

Code RS1

Nominal Pipe Size 3"/75mm pipe
Base Measurements 18" x 18"

Code RS4

Nominal Pipe Size 4"/110mm pipe
Base Measurements 18" x 24"

Code RS2

Nominal Pipe Size 2"/50mm pipe
Base Measurements 18" x 18"

Code RS7

Nominal Pipe Size 4"/110mm pipe
Base Measurements 24" x 24"

Code RS3



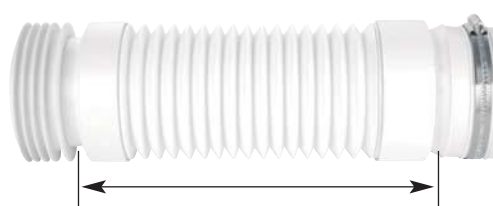
Flexible WC Connectors for Back to Wall WC Pans


- Tested to BS 5627:1984
- Flexible Connectors provide a secure and reliable connection to the WC pan spigot prior to the final placement against wall or furniture
- Inlet connections are manufactured in soft synthetic rubber and are secured to the WC pan by a worm drive hose clip
- Flexible Connectors are suitable for use with all WC Pans with a short or misshaped outlet spigot
- Flexible Connectors allow for misalignment of pan outlet and soil pipe
- Flexible Connectors allow for easy positioning and removal of WC Pan

Closed Position



Fully Extended Position



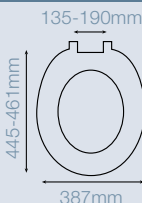



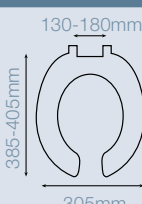

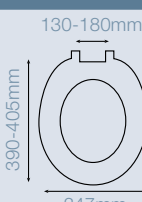



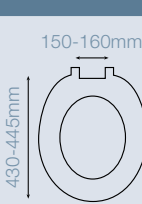


		Closed	Extended	Code
	90-114mm Inlet 4"/110mm Outlet	150mm	310mm	WC-F21R
	90-114mm Inlet 3 1/2"/90mm Outlet	150mm	310mm	WC-F21S

Flexible WC Connectors for Back to Wall WC Pans

Celmac is a leading brand of CME Sanitary Systems Limited, recognised throughout the world. The unique range of products within the Celmac Toilet Seat Collection is made possible by the combined manufacturing capabilities of specialist sites in England and abroad.

The Celmac toilet seats and covers shown below have been fully impregnated with Polygiene™. This is particularly important for use in hospitals, care homes, public buildings, fast food restaurants, hotel chains, airports, mass-transit facilities and other public areas as well as in domestic homes. Polygiene™ contains pathogen killing properties which are proven to be effective in the control of SARS-coronavirus (SARS-CoV). Why take the risk - use Polygiene™.

Sonata				Code
 <ul style="list-style-type: none">Thermoset materialBS1254 Type 1 KitemarkStainless steel hinge <p>Nominal weight 2.7kg</p>  <p>BS1254 Type 1</p>	 <p>135-190mm 445-461mm 387mm</p>	Polygiene seat and cover with stainless steel hinge - FD211SS	SS01QWY	
		Polygiene seat and no cover with stainless steel hinge - FD211SS	SS05QWY	
Crescent Adult 'A'				Code
 <ul style="list-style-type: none">Thermoset material in whiteStainless steel hingeSeat only optionSuitable for almost any WC panFor 14" and 16" WC pans <p>Nominal weight 2.7kg</p>	 <p>135-190mm 428-443mm 395mm</p>	Polygiene seat and cover with stainless steel hinge - FD211SS	SCR1QWY	
		Polygiene seat and no cover with stainless steel hinge - FD211SS	SCR5QWY	
Crescent Junior'J'				Code
 <ul style="list-style-type: none">Thermoset material in white, black and redStainless steel hingeSuitable for 12" WC pansRigid and stable <p>Nominal weight 1.1kg</p>	 <p>130-180mm 385-405mm 305mm</p>	Polygiene seat only no cover with stainless steel hinge pack - FSS13SS	SCJ53WY	
P72 Mini				Code
 <ul style="list-style-type: none">Thermoset materialScratch resistantStainless steel hingeSeat only option <p>Nominal weight 1.5kg</p>	 <p>130-180mm 390-405mm 347mm</p>	Polygiene seat only no cover with stainless steel hinge pack - FD211SS <i>Individually boxed</i>	SMP14WY	
		Polygiene seat only no cover with stainless steel hinge pack - FD211SS <i>Individually boxed</i>	SMP54WY	
Celeste Pro				Code
 <ul style="list-style-type: none">Thermoset materialAdjustable stability buffer that 'locates' onto the WC panRaises WC pan height by 60mmSturdy chrome plated brass hingeSeat only option <p>Nominal weight 2.3kg</p>	 <p>150-160mm 430-445mm 370mm</p>	Polygiene seat and cover with C/P brass hinge pack - White	SCI11WY	
		Polygiene seat and cover with C/P brass hinge pack - Innas Blue	SCI11IB	
		Polygiene seat only (no cover) with C/P brass hinge pack - White	SCI51WY	
		Polygiene seat only (no cover) with C/P brass hinge pack - Innas Blue	SCI51IB	
Celeste Plus				Code
 <ul style="list-style-type: none">Thermoset materialPolygiene anti-bacterial additiveAdjustable stainless steel hingesLocating buffers to improve stability <p>Nominal weight 1.8kg</p>	 <p>150-160mm 430-445mm 370mm</p>	Polygiene seat and cover including stainless steel hinge pack - FCS11SS	SCE14WY	
		Polygiene seat only no cover including bottom fix C/P. Brass hinge part - FUN11CP	SCK51WY	

Concerto seat and cover, including smooth close hinge



Concerto chrome plated smooth close hinge


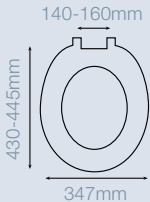

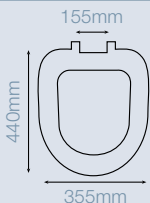

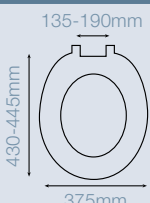

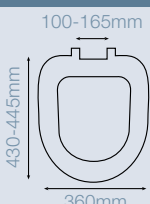

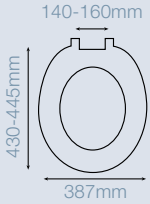



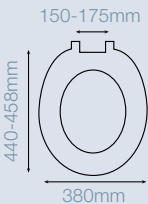




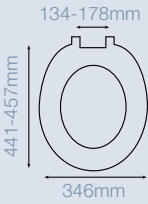

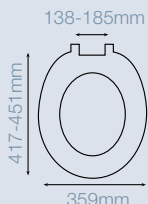


Tango plastic colour matched smooth close hinge


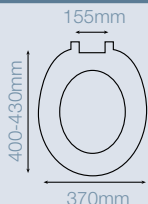



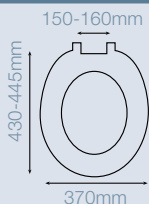
Monarch chrome plated smooth close hinge


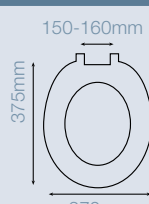
Manufactured using gel filled dampers, which allows the seat and cover to close slowly and silently without slamming. All the systems are equipped with a bypass system, which will stop any damage or breakage occurring should the seat or cover be forced shut against the smooth closing action, helps prevent children's fingers being caught.


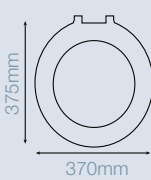
Tango			Code
 <ul style="list-style-type: none"> • Polypropylene material • Medium weight seat and wrap over domed cover • Smooth close colour matched pre-assembled plastic hinges <p>Nominal weight 1.7kg</p>		Seat and cover including smooth close plastic hinge	STG11WH
		Smooth close hinge	
Maestro			Code
 <ul style="list-style-type: none"> • Thermoset material • Total wrap over cover and distinctive European D shaped design • Smooth close colour matched plastic hinge <p>Nominal weight 2.3kg</p>		Seat and cover including smooth close hinge	SMA1SWH
		Smooth close hinge	FSD11WH
Concerto			Code
 <ul style="list-style-type: none"> • Thermoset material • Classic domed design • Sturdy chrome plated brass smooth close hinge <p>Nominal weight 2.1kg</p>		Seat and cover including smooth close hinge	SCO1SWH
		Smooth close hinge	FUS11CP
Delta NEW			Code
 <ul style="list-style-type: none"> • Thermoset material • Overlaying 'sandwich' design cover and distinctive European D shaped design • Chrome plated brass, smooth close hinges • Easy clean <p>Nominal weight 2.3kg</p>		Seat and cover including smooth close hinge	SWD1SWH
Monarch			Code
 <ul style="list-style-type: none"> • Polyester material • Heavyweight seat and cover • Sturdy chrome plated brass smooth close hinge <p>Nominal weight 3.5kg</p>		Seat and cover including smooth close chrome plated brass hinge	SMH1SWH


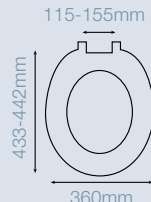
Emerald				Code
 <ul style="list-style-type: none"> • Polypropylene material • BS1254 Type 2 Kitemark • Plastic and stainless steel hinge options • Available in standard colours <p>Nominal weight 1.7kg</p>		Seat and cover including Emerald colour matched plastic hinge pack - FEM1100	SEM11WH	
		Seat and cover including metal hinge pack	SEM18WH	
Hinges	 Emerald plastic top/bottom fix hinge pack - FEM1100	 Emerald metal bottom fix hinge pack- FEM11CP	 BS1254 Type 2	
Sapphire				Code
 <ul style="list-style-type: none"> • Polypropylene material • Dished cover design • Pre-assembled • Concealed quick release colour matched plastic hinges • Available in standard colours <p>Nominal weight 1.4kg</p>		Seat and cover including Sapphire plastic hinge pack - FSA11--	SSP11WH	
International				Code
 <ul style="list-style-type: none"> • Polypropylene material • Adjustable colour plastic hinges • Available in standard colours <p>Nominal weight 1.0kg</p>		Seat and cover including pillar plastic hinge pack- FDR11--	SNL11WH	
		Alternative hinge options: Top fix quick release plastic	FQB11--	
		Alternative hinge options: Stainless steel concealed hinge	FDR11SS	
Hinges	 Top fix quick release plastic hinge pack - FQB11--	 Stainless steel concealed hinge pack- FDR11SS		


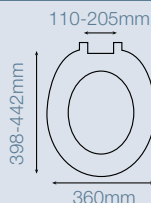
Leon NEW				Code
 <ul style="list-style-type: none"> • Thermoplastic material • Lightweight option • Adjustable colour matched plastic hinges <p>Nominal weight 0.85kg</p>		Seat and cover with colour matched plastic hinge pack - White	SLC11WH	


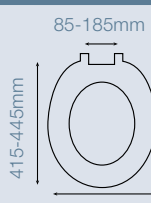
Celeste Pro			Code
 <ul style="list-style-type: none">• Thermoset material• Adjustable stability buffer that 'locates' onto the WC pan• Raises WC pan height by 60mm• Sturdy chrome plated brass hinge• Seat only option <p>Nominal weight 2.3kg</p>		Polygiene seat and cover with C/P brass hinge pack - White	SCI11WY
		Polygiene seat and cover with C/P brass hinge pack - White	SCI11IB
		Polygiene seat and cover with C/P brass hinge pack - White	SCI51WY
		Polygiene seat and cover with C/P brass hinge pack - White	SCI51IB


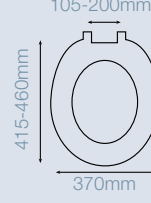
Celeste Plus			Code
 <ul style="list-style-type: none">• Thermoset material• Polygiene anti-bacterial additive• Adjustable stainless steel hinges• Locating buffers to improve stability <p>Nominal weight 1.8kg</p>		Polygiene seat and cover including stainless steel hinge pack - FCS11SS	SCE14WY
		Polygiene seat only no cover including bottom fix C/P. Brass hinge part - FUN11CP	SCK51WY

Commode			Code
 <ul style="list-style-type: none"> Thermoplastic material in black only Supplied without hinges Suitable for commode frames Easy to clean <p>Nominal weight 0.4kg</p>		Seat only black with no hinges	SCM60BL

Paramount			Code
 <ul style="list-style-type: none"> Mouldwood material Pre-assembled colour matched plastic hinges Available in standard colours <p>Nominal weight 2.4kg</p>		Seat and cover including Paramount plastic hinge pack- FPT11--	SPT11WH

Cavalcade-Lux			Code
 <ul style="list-style-type: none"> Mouldwood material with high gloss finish Sturdy chrome plated brass 'bar' hinge Easy to clean Available in standard colours <p>Nominal weight 2.5kg</p>		Seat and cover including C/P bar hinge pack	SCL11WH

Woodbridge			Code
 <ul style="list-style-type: none"> Tough and durable veneered MDF material Hinges in brass or chrome Colour matched to co-ordinate with traditional styles in Antique pine and mahogany <p>Nominal weight 2.6kg</p>		Seat and cover including adjustable brass hinges	SWB11--
		Seat and cover including adjustable brass hinges	SWC11--
		To order Antique Pine replace dashes on code with AP To order Mahogany replace dashes on code with MA	

Real wood			Code
 <ul style="list-style-type: none"> Luxury toilet seat made from solid wood jointed sections Varnish finish Hinges in brass or chrome Available in Antique Pine, Pine, Mahogany and Oak <p>Nominal weight 3.0kg</p>		Seat and cover including adjustable brass hinges	SRB11--
		Seat and cover including adjustable chrome hinges	SRC11--
		To order Antique Pine replace dashes on code with AP To order Pine replace dashes on code with PN To order Mahogany replace dashes on code with MA To order Oak replace dashes on code with OK	



Mahogany




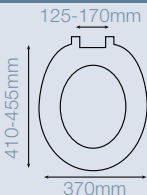


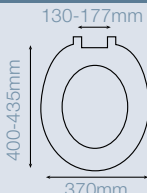


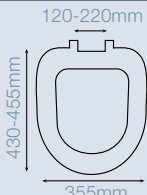




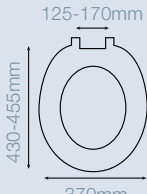




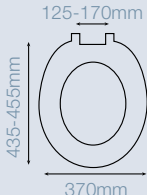




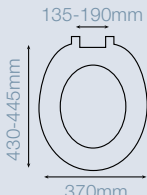





Antique Pine


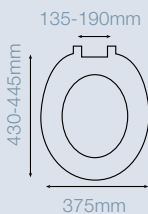

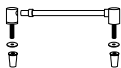




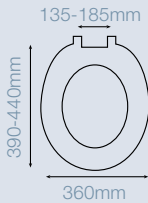

Pine


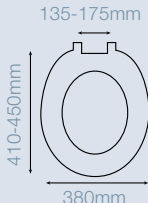



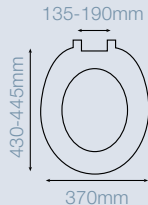

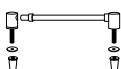

Oak


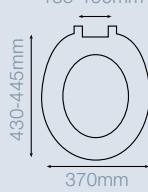

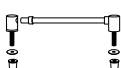

Maxime				Code
	<ul style="list-style-type: none">Thermoset materialStainless steel mountingUniversal hingeContemporary wrap over styling <i>Nominal weight 3.1kg</i>	 <p>125-170mm 410-455mm 370mm</p>	Seat and cover including stainless steel hinge pack - FMN11SS 	SMM11WH
Nadix				Code
	<ul style="list-style-type: none">Thermoset materialStainless steel mountingUniversal hingeErgonomic dish design cover <i>Nominal weight 2.3kg</i>	 <p>130-177mm 400-435mm 370mm</p>	Seat and cover including stainless steel hinge pack - FMN11SS 	SNX11WH
Maestro				Code
	<ul style="list-style-type: none">Thermoset materialTotal wrap over cover and distinctive European D shaped designSturdy, adjustable stainless steel hinges <i>Nominal weight 2.3kg</i>	 <p>120-220mm 430-455mm 355mm</p>	Seat and cover including concealed stainless steel hinge pack - FDR11SS	SMA18WH
			Alternative hinge options: Top fix quick release plastic hinge	FQB11--
			Alternative hinge options: Top fix chrome plated brass hinge	FDT11CP
Hinges	 Concealed stainless steel hinge FDR11SS	 Top fix quick release plastic hinge FQB11--	 Top fix CP brass hinge FDT11CP	
Rondo				Code
	<ul style="list-style-type: none">Thermoset materialFlat cover fits perfectly over the seat to create smooth linesEasy to cleanSturdy, adjustable stainless steel hinges <i>Nominal weight 2.1kg</i>	 <p>125-170mm 430-455mm 370mm</p>	Seat and cover including concealed stainless steel hinge pack - FDR11SS	SRD18WH
			Alternative hinge options: Top fix quick release plastic hinge	FQB11--
			Alternative hinge options: Top fix chrome plated brass hinge	FDT11CP
Hinges	 Concealed stainless steel hinge FDR11SS	 Top fix quick release plastic hinge FQB11--	 Top fix CP brass hinge FDT11CP	
Regent				Code
	<ul style="list-style-type: none">Thermoset materialDomed wrap-over cover fits perfectly over the seat to create smooth linesEasy to cleanSturdy, adjustable stainless steel hinges <i>Nominal weight 2.1kg</i>	 <p>125-170mm 435-455mm 370mm</p>	Seat and cover including concealed stainless steel hinge pack - FDR11SS	SRG18WH
			Alternative hinge options: Top fix quick release plastic hinge	FQB11--
			Alternative hinge options: Top fix chrome plated brass hinge	FDT11CP
Hinges	 Concealed stainless steel hinge FDR11SS	 Top fix quick release plastic hinge FQB11--	 Top fix CP brass hinge FDT11CP	
Concerto				Code
	<ul style="list-style-type: none">Thermoset materialClassic domed designPlastic, stainless steel and chrome plated brass hinge options <i>Nominal weight 2.1kg</i>	 <p>135-190mm 430-445mm 370mm</p>	Seat and cover including dual position plastic pillar hinge pack- FDP11-- 	SCO11WH
			Alternative hinge options: Colour matched plastic top fix	FTF11--
			Alternative hinge options: Stainless steel top fix hinge	FBH11SS
			Alternative hinge options: Universal bottom fix C/P brass hinge	FUN11CP
Hinges	 Stainless steel hinge pack FSS11	 Colour matched top fix plastic hinge pack FTF11--	 Stainless steel top fix hinge pack FBH11SS	 Universal bottom fix C/P brass hinge pack FUN11CP


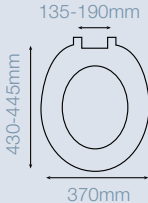


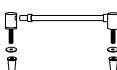

Lyric			Code	
	<ul style="list-style-type: none">Thermoset materialWrap over coverAdjustable colour matched plastic hinges <p>Nominal weight 1.7kg</p>		Seat and cover including dual position plastic pillar hinge pack - FDP11--	SLY11WH
			Alternative hinge options: Colour matched plastic top fix	FTF11--
			Alternative hinge options: Stainless steel top fix hinge	FBH11SS
			Alternative hinge options: Universal bottom fix C/P brass hinge	FUN11CP
Hinges		 Colour matched top fix plastic hinge pack FTF11--	 Stainless steel top fix hinge pack FBH11SS	 Universal bottom fix C/P brass hinge pack FUN11CP


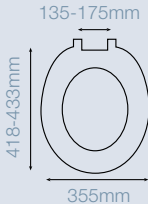



Luxor		NEW		Code	
	<ul style="list-style-type: none">Thermoset materialDomed wrap over cover fits over the seat to create smooth linesSturdy adjustable stainless steel concealed hingesEasy to clean <p>Nominal weight 1.9kg</p>		Seat and cover including stainless steel hinge pack - FMN11SS		SLX11WH






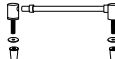

VIP		NEW		Code	
	<ul style="list-style-type: none">Thermoset materialFlat cover fits over the seat to create smooth linesSturdy adjustable stainless steel concealed hingesEasy to clean <p>Nominal weight 2.3kg</p>		Seat and cover including stainless steel hinge pack - FMN11SS		SVP11WH


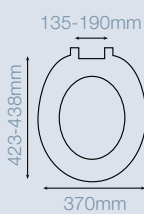


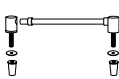
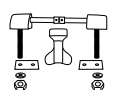
Tamar			Code	
	<ul style="list-style-type: none">Thermoset materialClassic sandwich designAdjustable colour matched plastic hinges <p>Nominal weight 1.5kg</p>		Seat and cover including dual position plastic pillar hinge pack - FDP11--	STA11WH
			Alternative hinge options: Colour matched plastic top fix	FTF11--
			Alternative hinge options: Stainless steel top fix hinge	FBH11SS
			Alternative hinge options: Universal bottom fix C/P brass hinge	FUN11CP
Hinges		 Colour matched top fix plastic hinge pack FTF11--	 Stainless steel top fix hinge pack FBH11SS	 Universal bottom fix C/P brass hinge pack FUN11CP


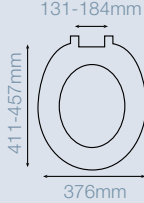



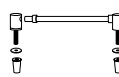
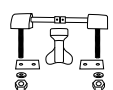
Jay		Code		
	<ul style="list-style-type: none">Thermoset materialDished design coverAdjustable colour matched plastic hingesEasy to clean <p>Nominal weight 1.8kg</p>		Seat and cover including dual position plastic pillar hinge pack - FDP11--	SJA11WH
			Alternative hinge options: Colour matched plastic top fix	FTF11--
			Alternative hinge options: Stainless steel top fix hinge	FBH11SS
			Alternative hinge options: Universal bottom fix C/P brass hinge	FUN11CP
Hinges		 Colour matched top fix plastic hinge pack FTF11--	 Stainless steel top fix hinge pack FBH11SS	 Universal bottom fix C/P brass hinge pack FUN11CP


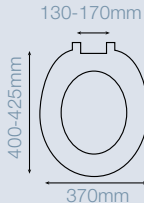




Neptune			Code	
 <ul style="list-style-type: none">• Thermoset material• Shell design, scalloped edged cover• Adjustable colour matched plastic hinges• Easy to clean <p>Nominal weight 1.8kg</p>		Seat and cover including dual position plastic pillar hinge pack - FDP11-- 	SNE11WH	
		Alternative hinge options: Colour matched plastic top fix	FTF11--	
		Alternative hinge options: Stainless steel top fix hinge	FBH11SS	
		Alternative hinge options: Universal bottom fix C/P brass hinge	FUN11CP	
<div><div><p>Colour matched top fix plastic hinge pack FTF11--</p></div><div><p>Stainless steel top fix hinge pack FBH11SS</p></div><div><p>Universal bottom fix C/P brass hinge pack FUN11CP</p></div></div>				





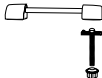
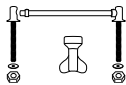
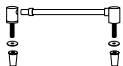
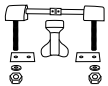
Melody			Code	
 <ul style="list-style-type: none">• Thermoset material• Dished design cover• European styling• Adjustable colour matched rodless concealed hinges <p>Nominal weight 1.6kg</p>		Seat and cover including dual position plastic pillar hinge pack- FDP11-- 	SME11WH	
		Alternative hinge options: Top fix quick release plastic	FQB11--	
		Alternative hinge options: Stainless steel concealed hinge	FDR11SS	
		<div><div><p>Top fix quick release plastic hinge pack FQB11--</p></div><div><p>Stainless steel concealed hinge pack FDR11SS</p></div></div>		



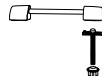
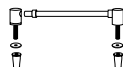
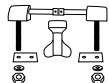
Sonata			Code
	<ul style="list-style-type: none">• Thermoset material• BS1254 Type 1 Kitemark• Stainless steel or plastic hinge options• Seat only options available <p>Nominal weight 2.7kg</p>  <p>BS1254 Type 1</p>	<div><div>135-190mm</div><div>445-461mm</div><div>387mm</div></div> <div><div>Seat and cover including dual position plastic pillar hinge pack - FDP11--</div><div>5 pack seats and covers individually bagged but in a single box - with FDP11-- <i>price individually but sold as 5</i></div><div>Seat only (no cover) including dual position plastic pillar hinge pack - FDP11--</div><div>5 pack seat only with plastic pillar hinge pack (FDP11--) bagged but in a single box <i>price individually but sold as 5</i></div></div> <div><div>Seat and cover including stainless steel hinge - FSS11SS</div><div>Seat only (no cover) including stainless steel hinge - FSS11SS</div><div>Alternative hinge options: Colour matched plastic top fix</div><div>Alternative hinge options: Stainless steel top fix hinge</div><div>Alternative hinge options: Universal bottom fix C/P brass hinge</div></div>	<div>SSO11WH</div> <div>SSO21WH</div> <div>SSO51WH</div> <div>SSO61WH</div> <div>SSO12WH</div> <div>SSO53WH</div> <div>FTF11WH</div> <div>FBH11SS</div> <div>FUN11CP</div>
<h3>Hinges</h3>			
	Dual positional plastic pillar hinge pack FDP11--		
		Non-cranked stainless steel hinge pack FSS11SS	
Colour matched top fix plastic hinge pack FTF11--			
		Universal bottom fix C/P brass hinge pack FUN11CP	
Stainless steel top fix hinge pack FBH11SS			


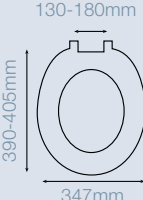

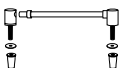
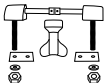
Calypso			Code												
	<ul style="list-style-type: none">Thermoset materialScratch resistantAdjustable colour matched plastic hinges <p>Nominal weight 1.4kg</p>		<table><tr><td>Seat and cover including dual position plastic pillar hinge pack - FDP11--</td><td>SCA11WH</td></tr><tr><td>5 pack seats and covers individually bagged but in a single box - with FDP11-- <i>price individually but sold as 5</i></td><td>SCA21WH</td></tr><tr><td>5 pack seat only with plastic pillar hinge pack (FDP11--) bagged but in a single box <i>price individually but sold as 5</i></td><td>SCA61BL</td></tr><tr><td>Alternative hinge options: Colour matched plastic top fix</td><td>FTF11WH</td></tr><tr><td>Alternative hinge options: Stainless steel top fix hinge</td><td>FBH11SS</td></tr><tr><td>Alternative hinge options: Universal bottom fix C/P brass hinge</td><td>FUN11CP</td></tr></table>	Seat and cover including dual position plastic pillar hinge pack - FDP11--	SCA11WH	5 pack seats and covers individually bagged but in a single box - with FDP11-- <i>price individually but sold as 5</i>	SCA21WH	5 pack seat only with plastic pillar hinge pack (FDP11--) bagged but in a single box <i>price individually but sold as 5</i>	SCA61BL	Alternative hinge options: Colour matched plastic top fix	FTF11WH	Alternative hinge options: Stainless steel top fix hinge	FBH11SS	Alternative hinge options: Universal bottom fix C/P brass hinge	FUN11CP
Seat and cover including dual position plastic pillar hinge pack - FDP11--	SCA11WH														
5 pack seats and covers individually bagged but in a single box - with FDP11-- <i>price individually but sold as 5</i>	SCA21WH														
5 pack seat only with plastic pillar hinge pack (FDP11--) bagged but in a single box <i>price individually but sold as 5</i>	SCA61BL														
Alternative hinge options: Colour matched plastic top fix	FTF11WH														
Alternative hinge options: Stainless steel top fix hinge	FBH11SS														
Alternative hinge options: Universal bottom fix C/P brass hinge	FUN11CP														
Hinges	 Dual positional plastic pillar hinge pack FDP11--	 Colour matched top fix plastic hinge pack FTF11--													
	 Stainless steel top fix hinge pack FBH11SS	 Universal bottom fix C/P brass hinge pack FUN11CP													

Saxon			Code												
	<ul style="list-style-type: none">Thermoset materialScratch resistantContemporary designWide range of hinge options <p>Nominal weight 1.6kg</p>		<table><tr><td>Seat and cover plastic DPP hinge pack - FDP11--</td><td>SSA11WH</td></tr><tr><td>Seat only priced individually plastic DPP hinge pack FDP11-- <i>individually bagged and sold in multiples of 5 only</i></td><td>SSA61WH</td></tr><tr><td>Seat and cover priced individually plastic DPP hinge pack FDP11-- <i>individually bagged and sold in multiples of 5 only</i></td><td>SSA21WH</td></tr><tr><td>Seats and cover stainless steel hinge pack - FSS11SS</td><td>SSA12WH</td></tr><tr><td>Alternative hinge options: top fix plastic hinge</td><td>FTF11WH</td></tr><tr><td>Alternative hinge options: top fix stainless steel</td><td>FBH11SS</td></tr></table>	Seat and cover plastic DPP hinge pack - FDP11--	SSA11WH	Seat only priced individually plastic DPP hinge pack FDP11-- <i>individually bagged and sold in multiples of 5 only</i>	SSA61WH	Seat and cover priced individually plastic DPP hinge pack FDP11-- <i>individually bagged and sold in multiples of 5 only</i>	SSA21WH	Seats and cover stainless steel hinge pack - FSS11SS	SSA12WH	Alternative hinge options: top fix plastic hinge	FTF11WH	Alternative hinge options: top fix stainless steel	FBH11SS
Seat and cover plastic DPP hinge pack - FDP11--	SSA11WH														
Seat only priced individually plastic DPP hinge pack FDP11-- <i>individually bagged and sold in multiples of 5 only</i>	SSA61WH														
Seat and cover priced individually plastic DPP hinge pack FDP11-- <i>individually bagged and sold in multiples of 5 only</i>	SSA21WH														
Seats and cover stainless steel hinge pack - FSS11SS	SSA12WH														
Alternative hinge options: top fix plastic hinge	FTF11WH														
Alternative hinge options: top fix stainless steel	FBH11SS														
Hinges	 Dual positional plastic pillar hinge pack FDP11--														
	 Colour matched top fix plastic hinge pack FTF11--	 Non-cranked stainless steel hinge pack FSS11SS													
	 Stainless steel top fix hinge pack FBH11SS	 Universal bottom fix C/P brass hinge pack FUN11CP													

New Saxon			Code										
	<ul style="list-style-type: none">Thermoset materialScratch resistantContemporary designAdjustable concealed hinge design <p>Nominal weight 1.9kg</p>		<table><tr><td>Seat and cover including adjustable plastic hinge pack - FDR11--</td><td>SNS11WH</td></tr><tr><td>5 pack seats and covers individually bagged but in a single box - with FDR11-- <i>price individually but sold as 5</i></td><td>SNS21WH</td></tr><tr><td>Seat and cover with adjustable stainless steel hinge pack - FDR11SS</td><td>SNS18WH</td></tr><tr><td>Alternative hinge options: Top fix quick release plastic hinge</td><td>FQB11WH</td></tr><tr><td>Alternative hinge options: Top fix C/P brass hinge</td><td>FDT11CP</td></tr></table>	Seat and cover including adjustable plastic hinge pack - FDR11--	SNS11WH	5 pack seats and covers individually bagged but in a single box - with FDR11-- <i>price individually but sold as 5</i>	SNS21WH	Seat and cover with adjustable stainless steel hinge pack - FDR11SS	SNS18WH	Alternative hinge options: Top fix quick release plastic hinge	FQB11WH	Alternative hinge options: Top fix C/P brass hinge	FDT11CP
Seat and cover including adjustable plastic hinge pack - FDR11--	SNS11WH												
5 pack seats and covers individually bagged but in a single box - with FDR11-- <i>price individually but sold as 5</i>	SNS21WH												
Seat and cover with adjustable stainless steel hinge pack - FDR11SS	SNS18WH												
Alternative hinge options: Top fix quick release plastic hinge	FQB11WH												
Alternative hinge options: Top fix C/P brass hinge	FDT11CP												
Hinges	 Colour matched plastic hinge pack FDR11--	 Adjustable stainless steel hinge pack FDR11SS											
	 Top fix quick release plastic hinge pack FQB11--	 Top fix C/P brass hinge pack FDT11CP											

Crescent Adult 'A'			Code
	<ul style="list-style-type: none">• Thermoset material in white and black• Multiple stainless steel or plastic hinge options• Seat only option• Suitable for almost any WC pan• For 14" and 16" WC pans <p>Nominal weight 2.7kg</p>		<div>Seat and cover including dual position plastic pillar hinge pack - FDP11--</div> <div>SCR11WH</div>
			<div>Seat and cover including stainless steel hinge - FSS11SS</div> <div>SCR12WH</div>
			<div>Seat only (no cover) including dual position plastic pillar hinge pack - FDP11--</div> <div>SCR51WH</div>
			<div>Seat only (no cover) including stainless steel hinge - FSS11SS</div> <div>SCR53WH</div>
			<div>Alternative hinge options: Colour matched plastic top fix</div> <div>FTF11--</div>
			<div>Alternative hinge options: Stainless steel top fix hinge</div> <div>FBH11SS</div>
			<div>Alternative hinge options: Universal bottom fix C/P brass hinge</div> <div>FUN11CP</div>
Hinges			
	Colour matched top fix plastic hinge pack FTF11--		Non-cranked stainless steel hinge pack FSS11SS
	Dual positional plastic pillar hinge pack FDP11--		C/P brass pillar hinge pack FD211SS
	Stainless steel top fix hinge pack FBH11SS		Universal bottom fix C/P brass hinge pack FUN11CP

Crescent Junior 'J'			Code
 <ul style="list-style-type: none">• Thermoset material in white, black and red• Stainless steel or plastic hinge options• Suitable for 12" WC pans• Rigid and stable <p>Nominal weight 1.1kg</p>		Seat only (no cover) including dual position plastic pillar hinge pack - FDP11--	SCJ51WH
		Seat only (no cover) including stainless steel hinge - FSS13SS	SCJ53WH
		Alternative hinge options: Universal bottom fix C/P brass hinge	FUN11CP
		Alternative hinge options: Stainless steel top fix hinge	FBH11SS
<h3>Hinges</h3>			
	Dual positional plastic pillar hinge pack FDP11--		Stainless steel top fix hinge pack FBH11SS
			Universal bottom fix C/P brass hinge pack FUN11CP

P72 Mini			Code
 <ul style="list-style-type: none">• Thermoset material• Scratch resistant• Stainless steel hinge <p>Nominal weight 1.5kg</p>		Seat and cover stainless steel hinge - FCS11SS	SMP14WH
		Alternative hinge options: Universal bottom fix C/P brass hinge	FUN11CP
		Alternative hinge options: Stainless steel top fix hinge	FBH11SS
<h3>Hinges</h3>			
	Cranked stainless steel hinge pack FCS11SS		Stainless steel top fix hinge pack FBH11SS
			Universal bottom fix C/P brass hinge pack FUN11CP

Italian company with UNI EN ISO 9001 certifications, it has been manufacturing and marketing fittings for oil-hydraulics applications since 1952.

State-of-the-art production processes and highly advanced technologies that allow to keep top quality standards characterize the RASTELLI RACCORDI company of today, a recognized leader in the European and extra-European markets.

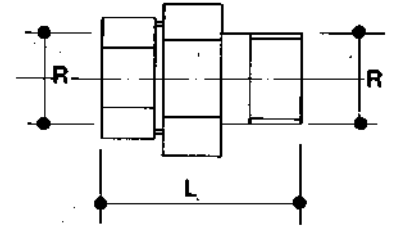
Art 603

Three pieces straight coupling,
M x F, NBR O-RING rubber seal



Leading dimensions

R"	3/8	1/2	3/4	1	1 1/4	1 1/2	2
L	47	47	52	62	66	76	100



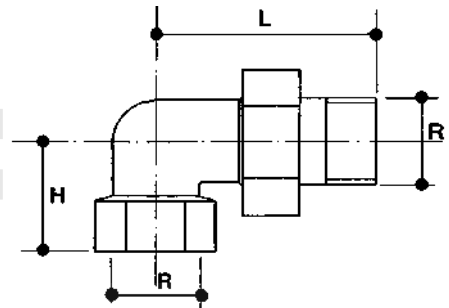
Art 604

Three pieces elbow,
M x F, NBR O-RING rubber seal



Leading dimensions

R"	3/8	1/2	3/4	1	1 1/4	1 1/2	2
L	45	50	60	69	80	92	120
H	20	22	30	33	35	42	68

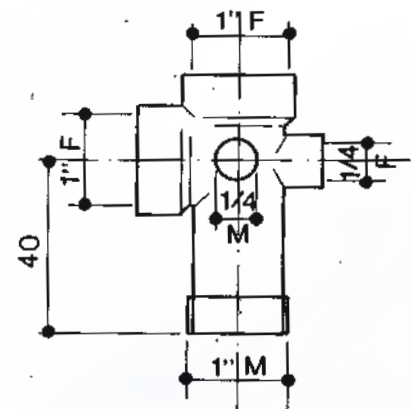


Art 605

Five ways union

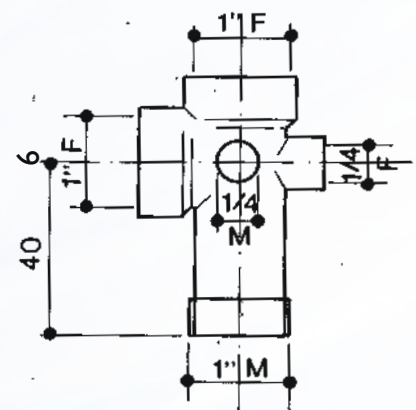


R"	3/8	1/2	3/4	1	1 1/4	1 1/2	2
Box	-	-	-	10	-	-	-

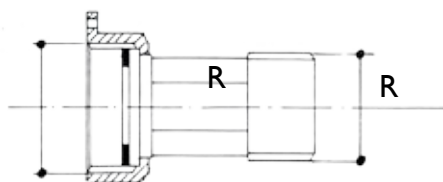


Art 605L

Five ways union fittings H 60 mm



Art 612

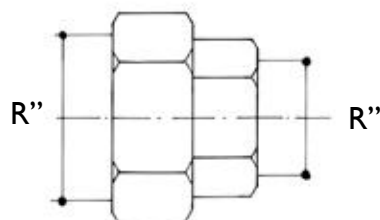


R" 1/2M x 3/4F 3/4M x 1F

Two union tails for water meter with gaskets



Art 615

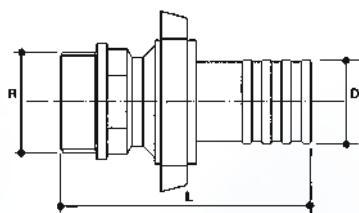


R" 1/2 x 1 3/4 x 1 1/4 1 x 1 1/2 1 1/4 x 2 1 1/2 x 2 1/4 2 x 2 3/4

Two union tails for water meter with gaskets



Art 850



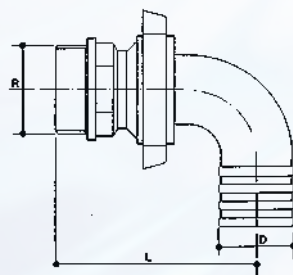
Leading dimensions

R" X	D	L	BOX	R" X	D	L	BOX	R" X	D	L	BOX
3/8	15	58	58	1	25	82	15	1 1/2	40	105	6
1/2	15	58	58	1	30	92	10	2	50	125	6
1/2	18	65	65	1	32	95	10	2	60	140	5
1/2	20	65	65	1 1/4	30	93	10	2 1/2	60	135	5
3/4	20	67	67	1 1/4	32	95	10				
3/4	25	69	69	1 1/4	35	103	8				

Three pieces straight "EXCELSIOR" coupling, metal seat



Art 851



Leading dimensions

R" X	D	L	BOX	R" X	D	L	BOX	R" X	D	L	BOX
3/8	15	52	20	3/4	25	70	15	1 1/2	40	100	4
1/2	15	55	20	1	25	75	12	2	50	115	5
1/2	18	60	10	1	30	85	8	2	60	130	3
1/2	20	60	10	1 1/4	30	85	8	2 1/2	60	125	3
3/4	20	60	10	1 1/4	95	95	5				

Three pieces elbow "EXCELSIOR" coupling, metal seat



Art 956

Wall plate female elbow coupling



Leading dimensions

R" x D	
1/2	20
3/4	25
1	32

Art 957

"T" coupling



Leading dimensions

D x D x D			
20	20	20	
25	25	25	
32	32	32	
40	40	40	
50	50	50	
63	63	63	

Art 958

Female "T" coupling



Leading dimensions

D x R" x D			
20	1/2	20	
25	3/4	25	
32	1	32	
40	1 1/4	40	
50	1 1/2	50	
63	2	63	

Art 959A

Tube support for pipes S5 class



Leading dimensions

D
20
25
32
40
50
63

Art 959B

NBR
Brass Ogive, ring and NBR O-RING kit



Leading dimensions

D
20
25
32
40
50
63

Art 963

Male x female hexagonal reducing brass coupling



Leading dimensions

R"	X	R"	BOX
M 1/4	F 3/8		30
M 3/8	F 1/2		25
M 1/2	F 3/4		15
M 3/4	F 1		10
M 1	F 1 1/4		5
M 1 1/4	F 1 1/2		10
M 1 1/2	F 2		5

Leading dimensions

R"	1/2	3/4	1	1 1/4	1 1/2
R" I	3/8	1/2	3/4	1	1 1/4
L	68	76	80	102	108
D	38	43	49	64	65
DI	45	50	61	65	67

R"	1/2	3/4	1	1 1/4	1 1/2
Box	20	15	10	-	-

Art 856

Bottom tank connection inside threaded



Art 964

90° female x female brass elbow



Leading dimensions

R"	X	R"	BOX
1/4	1/4		25
3/8	3/8		25
1/2	1/2		20
3/4	3/4		12
1	1		6
1 1/4	1 1/4		8
1 1/2	1 1/2		6
2	2		6

Leading dimensions

R"	X	R"	BOX
1/4	1/4		40
3/8	3/8		25
1/2	1/2		30
3/4	3/4		20
1	1		12
1 1/4	1 1/4		12
1 1/2	1 1/2		10
2	2		10

Art 960

Female x female brass coupling



Art 965

90° male x female brass elbow



Leading dimensions

R"	X	R"	BOX
1/4	1/4		25
3/8	3/8		25
1/2	1/2		20
3/4	3/4		12
1	1		6
1 1/4	1 1/4		8
1 1/2	1 1/2		6
2	2		6

Leading dimensions

R"	X	R"	BOX
-	-	-	-
3/8	3/8		40
1/2	1/2		20
3/4	3/4		10
1	1		8
1 1/4	1 1/4		4
1 1/2	1 1/2		6
2	2		3

Art 961

Male x female hexagonal brass coupling



Art 966

90° female x female brass reducing elbow



Leading dimensions

R"	X	R"	BOX
-	-	-	-
3/8	1/2		20
1/2	3/4		12
1/2	1		6
3/4	1		6

Leading dimensions

R"	X	R"	BOX
1/4	3/8		30
3/8	1/2		20
1/2	3/4		20
3/4	1		12
1	1 1/4		8
1 1/4	1 1/2		4
1 1/2	2		5

Art 962

F x F reducing brass coupling



Art 971

Four ways brass connection



Leading dimensions

R"	X	R"	X	R"	X	R"	BOX
3/4	1/2	10					10
1			5				

Art 973

Male x Male reducing double brass nipple



Leading dimensions

R"	X	R"	BOX
-	-	-	-
3/8	1/4	40	
1/2	3/8	25	
3/4	1/2	15	
1	3/4	20	
1 1/4	1	10	
1 1/2	1 1/4	10	
2	1 1/2	6	

Art 972

Male x Male double brass nipple



Leading dimensions

R"	X	R"	BOX
1/4	1/4	50	
3/8	3/8	40	
1/2	1/2	50	
3/4	3/4	30	
1	1	15	
1 1/4	1 1/4	15	
1 1/2	1 1/2	10	
2	2	6	

Art 974

Female brass plug



Leading dimensions

R"	BOX
1/4	50
3/8	50
1/2	40
3/4	20
1	15
1 1/4	10
1 1/2	8
2	6

Art 969

F x F x F brass reducing Tee



Leading dimensions

R"	X	R"	X	R"	BOX
3/4	1/2	3/4	10		
1	3/4	1	5		
1 1/4	1	1 1/4	6		
1 1/2	1 1/4	1 1/2	5		
2	1 1/2	2	6		

Leading dimensions

R"	X	R"	BOX
M 1/2	F 3/4	12	
M 3/4	F 1	6	
M 1	F 1 1/4	8	

Art 967

90° male x female brass reducing elbow



Art 970

F x F 3 pieces tapered brass pipe union, metal seat



Leading dimensions

R"	X	R"	BOX
1/2	1/2	10	
3/4	3/4	15	
1	1	10	

Leading dimensions

R"	X	R"	X	R"	BOX
1/4	1/4	1/4	20		
3/8	3/8	3/8	20		
1/2	1/2	1/2	15		
3/4	3/4	3/4	12		
1	1	1	6		
1 1/4	1 1/4	1 1/4	6		
1 1/2	1 1/2	1 1/2	5		
2	2	2	6		

Art 968

F x F x F brass Tee



Art 979

Threaded brass connection



Leading dimensions

R"	3/8	1/2	3/4	1
L	25	30	30	33

Leading dimensions

R"	3/8	1/2	3/4	1
----	-----	-----	-----	---

Box	50	50	30	20
-----	----	----	----	----

Art 975

Male brass plug



Leading dimensions

R"	BOX
1/4	50
3/8	50
1/2	40
3/4	20
1	15
1 1/4	10
1 1/2	6
2	5

Art 976

Male x Female exagonal brass reducer



Leading dimensions

R"	X	R"	BOX
3/8	1/4	50	
1/2	1/4	30	
1/2	3/8	50	
3/4	1/2	50	
1	3/4	25	
1 1/4	1	15	
1 1/2	1 1/4	8	
2	1 1/2	4	

Art 980

Brass reducing extension M x F



Leading dimensions

R"	X	R"	BOX
-	-	-	-
3/8	1/2	30	
1/2	3/4	15	
3/4	1	10	

Art 977

Ghiera in ottone
Brass ring



Leading dimensions

R"	x	R"	BOX
-	-	-	-
3/8	-	1/2	50
1/2	-	3/4	50
3/4	-	1	25
1	-	1 1/4	15
1 1/4	-	1 1/2	10

Art 981

Brass extension M x F



Leading dimensions

R"	L	BOX	R"	L	BOX	R"	L	BOX
3/8	12	30	1/2	30	15	3/4	40	10
3/8	15	30	1/2	40	10	3/4	50	10
3/8	20	30	1/2	50	10	1	12	20
3/8	30	20	1/2	60	10	1	15	20
3/8	40	15	1/2	80	10	1	20	15
3/8	50	15	1/2	100	10	1	30	10
1/2	12	25	3/4	12	20	1	40	10
1/2	15	20	3/4	15	15	1	50	10
1/2	20	20	3/4	20	10			
1/2	25	15	3/4	30	10			

Art 978

Brass ring with rim



Leading dimensions

R"	x	R"	BOX
-	-	-	-
3/8	-	1/2	50
1/2	-	3/4	50
3/4	-	1	25
1	-	1 1/4	15
1 1/4	-	1 1/2	10

Art 982

M x M, threaded brass connection



Leading dimensions

R"	L	BOX	R"	L	BOX	R"	L	BOX
1/2	60	15	3/4	60	10	1	60	10
1/2	80	10	3/4	80	8	1	80	10
1/2	100	8	3/4	100	6	1	100	6
1/2	120	8	3/4	120	6	1	120	6
1/2	150	8	3/4	150	6	1	150	4

FITTINGS FOR BLACK POLYETHYLENE PIPE WITH BRASS SEAL

FITTINGS
FOR BLACK POLYETHYLENE PIPE
WITH BRASS SEAL

Art 950

Straight coupling



Leading dimensions

D x D	
20	20
25	25
32	32
40	40
50	50
63	63

Leading dimensions

D x D	
20	20
25	25
32	32
40	40
50	50
63	63

Art 951

Male straight coupling



Leading dimensions

R" x D	
1/2	20
3/4	25
1	32
1 1/4	40
1 1/2	50
2	63

Leading dimensions

R" x D	
1/2	20
3/4	25
1	32
1 1/4	40
1 1/2	50
2	63

Art 952

Female straight coupling



Leading dimensions

R" x D	
1/2	20
3/4	25
1	32
1 1/4	40
1 1/2	50
2	63

Leading dimensions

R" x D	
1/2	20
3/4	25
1	32
1 1/4	40
1 1/2	50
2	63

Art 953

Elbow coupling



Art 954

Male elbow coupling



Art 955

Female elbow coupling



Art 956

Wall plate female elbow coupling



Leading dimensions

R" x D
1/2 20
3/4 25
1 32

Art 957

"T" coupling



Leading dimensions

DD	x D	x D
20	20	20
25	25	25
32	32	32
40	40	40
50	50	50
63	63	63

Art 958

Female "T" coupling



Leading dimensions

D	x R"	x D
20	1/2	20
25	3/4	25
32	1	32
40	1¼	40
50	1½	50
63	2	63

Art 959A

Tube support for pipes S5 class



Leading dimensions

D
20
25
32
40
50
63

Art 959B

Brass Ogive, ring and NBR O-RING kit



Leading dimensions





20
32
50

TNJ Pipeclips is a UK based business specialising in the supply of pipe clips and brackets to the plumbing and electrical trade.

Their extensive range includes products made in the following materials Cast Brass, Pressed Brass, Copper, Malleable Iron, Plastic and steel. All brass and copper products are available in self colour or chrome plated.

Malleable Iron

Screw On Brackets Code - M3

	S/C	Galv
1/2"		
3/4"		
1"		
1.1/4"		
1.1/2"		
2"		
2.1/2"		
3"		
4"		

S/C = Self Colour Malleable (Black)







Single and Double Rings Tapping is as follows:

1/2" up to 2" = M10







2.1/2" up to 6" = M12

**** Special deals available on large quantities of Various sizes of BSP - Please Enquire ****


Single Rings M10 & M12 Code - M4

	S/C	Galv
1/2"		
3/4"		
1"		
1.1/4"		
1.1/2"		
2"		
2.1/2"		
3"		
4"		
5"		
6"		

Double Rings M10 & M12 Code - M5

	S/C	Galv
1/2"		
3/4"		
1"		
1.1/4"		
1.1/2"		
2"		
2.1/2"		
3"		
4"		
5"		
6"		

Backplate - Female Code - M6

	S/C	Galv
M10		
M12		

Brass

Screw On Brackets

Cast Brass Code - CB3

15mm
22mm
28mm
35mm
42mm
54mm
67mm
76mm
108mm



Brass Chrome

Pressed Brass Code - PB2

15mm
22mm
28mm
35mm
42mm
54mm



Brass Chrome

Cast Brass Munsen Rings

Single Rings - M10 Code - HS1

12mm
15mm
22mm
28mm
35mm
42mm



Brass Chrome

54mm
67mm
76mm
108mm
133mm
159mm

Double Rings - M10 Code - HS2

12mm
15mm
22mm
28mm
35mm
42mm



Brass Chrome

54mm
67mm
76mm
108mm
133mm
159mm

Cast Brass Back Plates

Female Code - CB10F

M10



Brass Chrome

Tapped M10 as Standard

Male Code - CB10M

M10 - A



Brass Chrome

M10 - B



* Type B has an extended boss*

Round Base Wall Brackets

Cast Brass - Short Stem Code - WB6

15mm
22mm
28mm
35mm
42mm
54mm



Cast Brass Dual Purpose Code - WB7 (1/4 Bsp)

15mm
22mm
28mm
35mm
42mm
54mm



Hospital Brackets & Connecting Tubes

Hospital Brackets Code - HB1

15mm
22mm
28mm
35mm
42mm
54mm



Connecting Tubes x 2" Code - Con2

1/8"



Copper

Copper 2 Piece Spacing Clip Code - C2

8 & 15mm
22mm
28mm
35mm
42mm
54mm



Copper Saddle Bands Code - C3

6 - 12mm
22mm
28mm
35mm
42mm
54mm



Plastic

Code - C07

15mm
22mm
28mm



Code - C08

15mm
22mm
28mm



Code - C10

15mm
22mm
28mm



Nail Clip

Code - C11

7-8mm
10-12mm
15mm
22mm
28mm



Slip-On Clip

Code - C12

12.7mm
15.0mm
17.5mm
19.0mm
23.0mm
25.4mm
27.5mm
31.7mm
34. mm
38.1mm
42. mm
42.6mm
44.4mm
48.7mm
53.9mm
60.5mm



Double Clips

Code - C13

15x15mm
15x22mm
22x22mm



Single Hinged Pipe Clip (Interlocking)

Code - C14

15mm
22mm
28mm



Double Hinged Pipe Clip (Interlocking)

Code - C15

15mm
22mm
28mm



Plastic Double Snap On

Code - C16

15-15mm
15-22mm
22-22mm



Top Hat Washers

Code - C17

1/2"
3/4"



Polypropylene Plumbing Washer

Code - C18

1.1/2X7/8"	1/2" Pillar Tap
1.3/4"x1.1/8"	3/4" Pillar Tap
2.1/4"x 1.11/32"	1" Tank Connections
2.3/8"x1.11/16"	1.1/4" Lav Waste
3x1.11/16"	1.1/4" Bath Waste
3.1/4"x1.15/16"	1.1/2" Bath Waste
3.1/2"x1.15/16"	1.1/2 Sink Waste
3.1/2"x1.11/16"	1.1/4" Sink Waste



Brass Backnuts / Bushes Etc

Hex Nipples Taper Thread BSP Code - BN1

1/2"
3/4"
1"



Backnuts BSP Code - BN2

1/2"
3/4"
1"
1.1/4"
1.1/2"
2"



Reducing Bushes Hex BSP Code - BN3

1/4"x1/8"
3/8"x1/4"
3/8"x1/8"
1/2"x3/8"
1/2"x1/4"
1/2"x1/8"
3/4"x1/2"
1"x3/4"
1"x1/2"
1.1/4"x1"
1.1/4"x3/4"
1.1/4"x1/2"
1.1/2"x1.1/4"
1.1/2"x1"
1.1/2"x3/4"
1.1/2"x1/2"
2"x1.1/2"
2"x1.1/4"
2"x1"
2"x3/4"
2"x1/2"



Plugs Hex Head Flange BSP Code - BN4

1/2"
3/4"
1"
1.1/4"



Plugs Square Head BSP Code - BN5

3/4"



Blank Caps BSP Code - BN6

1/2"
3/4"
1"
1.1/4"



Immersion Heater Rings & Plugs Code - BN7/8

Plug - BN7
Ring - BN8



Radiator Bleed Valves Code - BN9

1/8"
1/4"
1/2"



Radiator Key Code - BN10



Brass or Steel Adaptors Code - BN11

1/4" x M10
3/8" x M10
3/8" x M12
1/2" x M10
1/2" x M12



REMEX FLOAT SWITCHES are specifically designed for the automatic control of all types of electrically driven pumps, alarm systems and indicators where a rise or fall of any form of liquid is required, or where tanks require automatic emptying or filling.

Remex Type "B01"

Technical Data

Specifications	Liquid Temperature:	0 to 60 degrees C
	Contact Rating:	AC, 10 AMP, 250V
	Switching Differential:	200

Weight	<i>Cable Length</i>	<i>Weight of B-01 Float Switch</i>
	3 m.	0.7 kg
	5 m.	1.0 kg
	10 m.	1.5 kg
	20 m.	2.0 kg

GREER
Exporting Company Ltd



Chemical Resistance

Acids	Acetic Acid 50% & 70%	Boric Acid	Acid Solution (5%)
	Benzoic Acid	Citric Acid	Tannic Acid
Bases	Ammonium Hydroxide	Potassium Hydroxide	
	Sodium Hydroxide	Calcium Hydroxide	
Salts	Aluminium Chloride	Ferrous Sulphate	Sodium Nitrate
	Calcium Sulphate	Magnesium Chloride	Sodium Bicarbonate
	Calcium Chloride	Potassium Sulphate	Sodium Carbonate
	Calcium Nitrate	Potassium Nitrate	Zinc Sulphate
	Copper Chloride	Potassium Bicarbonate	Zinc Chloride
	Copper Sulphate	Sodium Sulphate	
	Ferric Chloride	Sodium Chloride	
Solvents	Formaldehyde 37%	Methyl Alcohol	
Gases	Carbon Dioxide	Carbon Monoxide	

Remex Type "P"

Technical Data

5 or 10 amp - 220V - 440V - Single Pole

Special consideration has been given to the spring movement resulting in exceptional equal balance, the special choice of material for the spindle results in the prevention of any seizing.

Minimum liquid variation 1.25" (32mm)

Float

A weight balanced float that can be used in temperatures up to 80 degrees C (158F).

Nylon Plated Cord

A 3 feet (0.9m) is available as standard but longer lengths are available. This is impervious to most liquids and is fixed with a stainless steel spring hook.

Stops

These are adjustable non slip stainless steel spring stops specially designed for the Remex Type "P".

Weights

A.B.S. thermoplastic encases the weight and counterweight. This is ideally suited for installation where hygiene is a prime requirement.



Chemical Resistance

Acids

Acetic Acid 50% & 70%

Boric Acid

Acid Solution
(5%)

Benzoic Acid

Citric Acid

Tannic Acid

Bases

Ammonium Hydroxide

Potassium Hydroxide

Sodium Hydroxide

Calcium Hydroxide

Salts

Aluminium Chloride

Ferrous Sulphate

Sodium Nitrate

Calcium Sulphate

Magnesium Chloride

Sodium
Bicarbonate

Calcium Chloride

Potassium Sulphate

Sodium
Carbonate

Calcium Nitrate

Potassium Nitrate

Zinc Sulphate

Copper Chloride

Potassium Bicarbonate

Zinc Chloride

Copper Sulphate

Sodium Sulphate

Ferric Chloride

Sodium Chloride

Solvents

Formaldehyde 37%

Methyl Alcohol

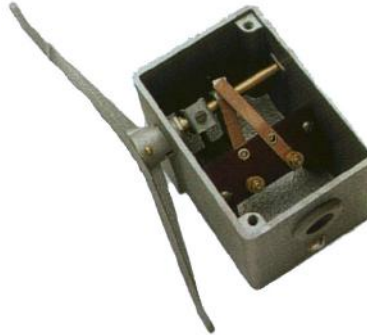
Gases

Carbon Dioxide

Carbon Monoxide



Remex Type "C"



Float Equipment

Polythene Float (standard): 5" in diameter, these are injection moulded for liquid temperatures up to 55-60 C. They can be used for weak acids and oils but not suitable for hot detergents.

Copper Float: 5" in diameter, brazed or soldered at the seams. For continuous immersion in boiling water. They are also suitable for certain liquids such as oils or solvents up to 100 degrees C.

Stainless Steel: 5" in diameter also suitable for oils and solvents and hot water and return condensates. The added advantage of such a float is if hygiene is required.

Chain Equipment

A 3 feet (0.9m) length of brass chain is available as standard on all die-cast Remex switches. However longer lengths are available to customers' requirements.

Weight Equipment

Enamelled cast iron weights and counterweights are provided as standard and further weights can be added if required.

Stop Equipment

Adjustable stainless steel float stops are provided as standard to suit all operations.

Rod Equipment

Copper Rods: 6.3mm in diameter rods are available in lengths 3 - 10 feet (0.9 - 3m) with properly balanced weight to match the counterweight. A rod operation is recommended for use where there is a turbulence or sludge, e.g. septic tanks.

Stainless steel rods: the added security of stainless steel would be suitable for hygiene purposes. Lengths range from 3 - 10 feet (0.9 - 3m).



KÖMMERLING®



TNJ



PIPE CLIPS LTD

**GEORGE LANCASTER
(INTERNATIONAL) LIMITED**
Float switch and level indicator manufacturers



The Plumbers' First Choice

Castelli rubinetterie s.p.a.

MONUMENT TOOLS

**“HELDITE”
Jointing Compound**

Ph. +44 (0) 1450 860 642

Ph. +44 (0) 208 133 6521

Fax. +44 (0) 1450 860 258

email:

enquiries@greer-exporting.co.uk

