



VALVES & FITTINGS



aljordan.com

WELCOME

A1 Jordan is a major manufacturer of gunmetal fittings (Saddle & Ferrule, Stopcock, Adaptor, Joint, PP Compression Fittings, Brass Ball Valveetc.) to Jordan water industry as well as being the manufacturer of choice in many international markets around the world. Building on the expertise and capabilities underpinning our standard products.

looking for innovative bespoke products to complement their own ranges.

Naturally, A1 Jordan operations are backed by full accreditation to **BS EN ISO 9001:2015** to ensure our quality performance is second to none.



STANDARD PRODUCT RANGES

- Gunmetal ferrule and saddle straps
- Gunmetal Adaptor, Elbow, Tee, Reducer...etc.
- Gunmetal stopcocks
- PP Compression Fittings
- Brass Ball Valve



SERVICE AND QUALITY

- High quality comprehensively tested products
- Fast and flexible service
- Fittings to BS, EN and ASTM standards



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A1 JORDAN HISTORY

At A1 Jordan, we provide the water industry with a uniquely flexible source of supply for high quality gunmetal, Brass and plastic fittings.

A member of the award-winning and financially robust A1 Jordan has unrivalled expertise in designing manufacturing and assembling ferrules, saddle straps, stopcocks, pushfit, brass valve, PP Compression, copper compression and threaded fittings types.



FUTURE OF INNOVATION

Our commitment to investing in technology has equipped our manufacturing site with state of the art foundry and moulding capabilities. ensure that we are able to optimise both component integrity and hydraulic performance in the products we design.





SERVICE AND SUPPLY

As a leading supplier to water companies, distributors, merchants and contractors across , A1 Jordan understands the importance of having a robust supply chain. Our network of carefully selected partners allows us to achieve the perfect combination of quality, value for money and security of supply.

A1 Jordan is vastly experienced in servicing framework agreements and many fittings can be delivered from stock to support shorter term demand. Our international markets are efficiently supplied via trusted distribution partners.



STANDARDS AND QUALITY

Furthermore, when customers order from us they do so knowing that we are a quality assured organisation. We have attained certification in BS EN ISO 9001 and lean manufacturing methodologies are employed throughout the business along with specialist in-house metallurgical testing.

In addition, A1 Jordan products are engineered to the highest industry standards and deliver assured strength, durability, and performance.

and we insist on using the highest grade WRAS accredited 'O'ring Rubber in order to comply with BS 6920.



SUPPORTING INTERNATIONAL CUSTOMERS

A1 Jordan have a proud heritage of providing high quality products to service water distribution networks in numerous countries around the globe. The fittings range covers a broad spectrum, from trusted products contained within our catalogue to specialist products requiring bespoke items, produced in house.

A core belief that well established quality products allied to innovation, have helped to strengthen our position as a preferred supplier in many regions throughout the world. Our lean manufacturing and assembly processes allied to enviable in house testing facilities are instrumental in maintaining the high quality of the A1 Jordan range and provide added confidence to our customers, when specifying our products.



SWIVEL FERRULES

I SWIVEL FERRULES

The A.1 JORDAN® Swivel Ferrule provides a quick, permanent, leak free service connection, consisting of a stem with an inner plug for valve isolation and a 360° swivel outlet at 90° to the stem.

The ferrule outlet provides a direct connection to the service line from 1/2" to 2" nominal bore diameter (20mm to 63mm PE pipe OD) via an integral joint in the ferrule banjo, so no adaptor is needed.

The ferrule will provide service connections dry or under pressure directly into cast iron, ductile iron and steel mains. Asbestos cement, PVC, PE and GRP mains can also be tapped via the Flat Boss Strap.

Ferrules should not be inserted directly into PVC or AC mains. The wall of these pipes is not strong enough to hold the stem.

The manufacturers of ductile iron and steel main pipe should be consulted for their specific recommendations regarding tapping directly into these pipe materials. Typically it is advised that the nominal diameter of the tapping should not exceed 1/4 of the nominal diameter of the main for direct ferrule insertion without a strap or 1/3 of the nominal diameter when the strap is used. For tappings larger than this a Tapping Tee should be used.

- **Quick and simple to install**

Quick, permanent, leak free connection provided by a tried and tested design.

- **Extensive range**

The range has been developed to enable the user in making connections to almost any type of mains and service pipe, either under pressure or dry.

- **Robust and long lasting**

Ferrules provide years of service in even the most aggressive soil conditions.

- **Reliable and leak free**

Specifically designed to operate at pressures up to 20 bar subject to the ratings of pipe and strap if used.

| STANDARD PATTERN SWIVEL BALANCING FERRULE |

- **General**

The ferrules are designed with a pushfit or compression outlet for PE pipe. All ferrules are designed as a main stem with a 360° swivel outlet at 90° with control of water flow via a threaded inner plug. The inlet is male taper thread to BS 21 (ISO 7/1). The ferrule is designed for use underground and to handle potable water at temperature of up to 85°C. The ferrule works at pressures up to 18 bar (270 psi) without leakage.

- **Description of Design**

The design of the ferrule permits service pipe installations via conventional drilling and tapping machines, under pressure or dry, with or without service saddles. The design of the ferrule further permit use with conventional drilling machines mounted onto the ferrule/strap assembly to drill the main via the ferrule stem, dry or under pressure.



■ The pushfit joint for PE pipe shall consist of the following:
Grip ring and 'O' ring



■ Standard Pattern & Screwdown Pattern Swivel Ferrules
Push-fit Outlet - Plastic Banjo



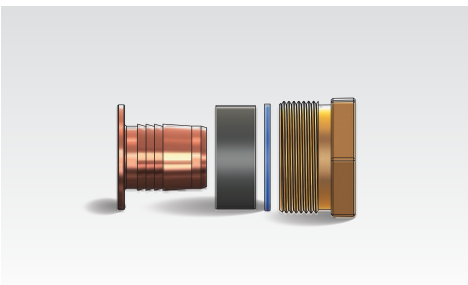
■ Screwdown Pattern Swivel Ferrules Push-fit Outlet -
Gunmetal Banjo



■ Screwdown Pattern Swivel Ferrule - Compression type



■ Standard Pattern Swivel Ferrules S Compression Fitting Outlet



■ The compression for PE pipe shall consist of the following: A serrated copper insert, a friction washer, a compression gland and a thrust nut

| GUNMETAL SWIVEL FERRULES - SCREWDOWN & STANDARD TYPES |

Inlet Size	Outlet Size				
	20mm	25mm	32mm	50mm	63mm
1/2"	✓	✓			
3/4"	✓	✓			
1"			✓		
1.1/2"				✓	
2"				✓	✓

• Construction

The ferrule stem, banjo, inner plug and top cap are manufactured of gunmetal/bronze to BS 1400 LG2. The banjo washers and the top cap washer are manufactured in EPDM rubber to BS 6920 (WRAS approved).

| SCREWDOWN PATTERN SWIVEL FERRULE |

• General

The ferrules are designed with a Push Fit or Compression outlet for PE pipe. All ferrules are designed as a main stem with a 360° swivel outlet at 90° with control of water flow via a threaded inner plug. The inlet is a male taper thread to BS 21 (ISO 7/1). The ferrule is designed for use underground and to handle potable water of up to 85° C. The ferrule is capable of working at pressures up to 18 bar (270 psi) without leakage. The ferrule is easily "shut off" by means of a spindle extending from the top cap.

• Description of Design

The design of the ferrule permits service pipe installation via conventional drilling and tapping machines dry or under pressure, with or without service saddles. The design of the ferrule further permits use with conventional drilling machines mounted onto the ferrule/strap assembly to drill the main via the ferrule stem, dry or under pressure.

• Construction

The ferrule stem, banjo, threaded spindle and top cap are manufactured of gunmetal/bronze to BS 1400 LG2. The banjo washers and the top cap washer are manufactured in EPDM rubber to BS 2494 (WRAS approved), the friction washer is made from polypropylene, the serrated insert is in copper C.106 to BS 1172 or BS 2871 part 2: 1972 "C".

Nominal Sizes

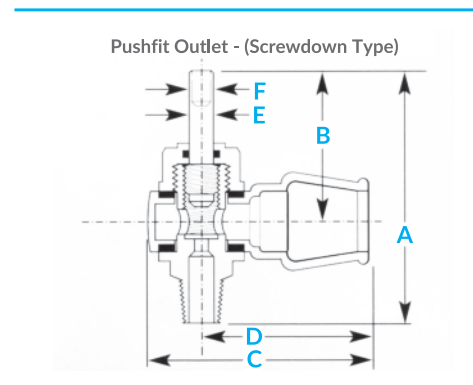
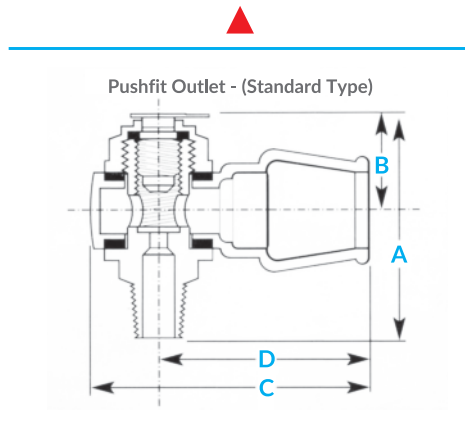
1/2", 3/4", 1", 1.1/4", 1.1/2" and 2".

Note

- All "O"ring rubber used in the Swivel Ferrule are WRAS listed and have been selected to give the best possible overall performance.
- Ferrules are designed for use underground and for handling potable water at temperature of up to 85° C.
- Swivel Ferrules can be supplied in one of the following two versions:
 - a. With main stem with inner plug and spindle for valve isolation and a 360° swivel outlet at 90° to the stem (these are designated as Screw-down type), with control of water flow via the threaded inner plug.
 - b. With inner plug and top plug (without spindle) for valve isolation and a 360° swivel outlet at 90° to the axis of the inlet, with control of water flow via the turning of the threaded inner plug with a key (these designated as Standard-Pattern type).

STANDARD PATTERN SWIVEL FERRULE DIMENSIONS (IN MM)

DN	1/2" (20mm)		3/4" (25mm)		1" (32mm)		1 1/2" (50mm)		2" (63mm)		1 1/2" x 2" (63mm)	
Outlet Type	Push Fit for PE	Compression for PE	Push Fit for PE	Compression for PE	Push Fit for PE	Compression for PE	Push Fit for PE	Compression for PE	Push Fit for PE	Compression for PE	Push Fit for PE	Compression for PE
A	86	86	82	82	94	94	106	106	120	120		106
B	38	38	38	38	44	44	50	50	48	48		50
C	88	75	100	87	122	95	195	150	219	159	219	138
D	61	52	79	62	94	67	154	110	172	112	172	97

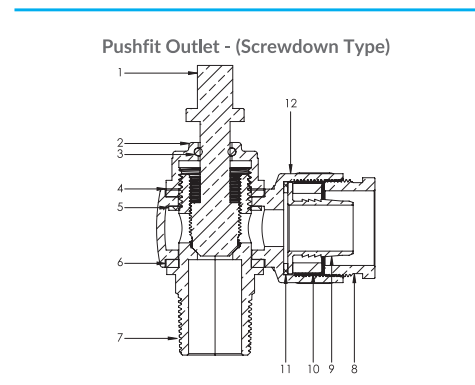
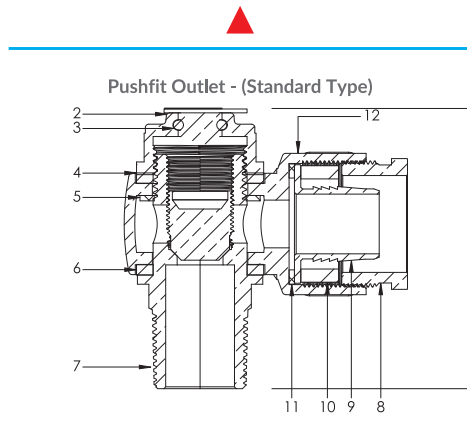


SCREWDOWN PATTERN SWIVEL FERRULE DIMENSIONS (IN MM)

DN	1/2" (20mm)		3/4" (25mm)		1" (32mm)		1 1/2" (50mm)		2" (63mm)		1 1/2" x 2" (63mm)	
Outlet Type	Push Fit for PE	Compression for PE	Push Fit for PE	Compression for PE	Push Fit for PE	Compression for PE	Push Fit for PE	Compression for PE	Push Fit for PE	Compression for PE	Push Fit for PE	Compression for PE
A open	108	108	105	105	116	116	151	151	168	168		151
A closed	92	92	90	90	97	97	130	130	137	137		130
B open	58	58	58	58	65	65	93	93	100	100		93
B closed	42	42	42	42	46	46	72	72	70	70		72
C	88	75	100	87	122	95	195	150	219	159	219	138
D	61	52	79	62	94	67	154	110	172	112	172	97
E	11	11	11	11	16	16	22	22	25	25	25	25
F	10	10	10	10	12.7	12.7	19	19	19	19	19	19

STANDARD PATTERN SWIVEL FERRULE DIMENSIONS (IN MM)

DN	1/2" (20mm)		3/4" (25mm)		1" (32mm)		1 1/2" (50mm)		2" (63mm)		1 1/2" x 2" (63mm)	
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A	86	86	82	82	94	94	106	106	120	120		106
B	38	38	38	38	44	44	50	50	48	48		50
C	88	75	100	87	122	95	195	150	219	159	219	138
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SCREWDOWN PATTERN SWIVEL FERRULE DIMENSIONS (IN MM)

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A open	108	108	105	105	116	116	151	151	168	168		151
A closed	92	92	90	90	97	97	130	130	137	137		130
B open	58	58	58	58	65	65	93	93	100	100		93
B closed	42	42	42	42	46	46	72	72	70	70		72
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D	61	52	79	62	94	67	154	110	172	112	172	97
E	11	11	11	11	16	16	22	22	25	25	25	25
F	10	10	10	10	12.7	12.7	19	19	19	19	19	19

SELF TAPPING FERRULE STRAPS



TAPPING SYSTEMS

SELF TAPPING FERRULE STRAPS

Self Tapping Ferrule Straps for PE, PVC and fibre cement mains pipes incorporate an integral ferrule with a self-contained cutter, eliminating the need for drilling machines. Straps are made from gunmetal or plastic making the product durable and corrosion resistant. The strap also uses a specially designed cutter, which tests show greatly reduces the risk of bursting a PVC main or creating a swarf blockage whilst cutting.



APPLICATIONS



House connection

USES

MAKING SERVICE CONNECTIONS TO MAINS PIPES

- Self tapping ferrule straps allow service connections to mains pipes made from PE, PVC or Asbestos Cement.
- They fit dimensions from 32mm - 315mm.
- They have an integral cutter eliminating the need for drilling machines.
- New plastic self-tapping ferrule strap for PE and PVC pipes 125-63mm. Lightweight for easy installation and lead free to protect the environment.

FUNCTIONS

Allows the connection of a service pipe to a mains pipe, dry or underpressure.

ADVANTAGES

Quick and simple to install

Quick, permanent, leak free connection provided by a tried and tested design.

Extensive range

A range has been developed which enables the user to make connections to almost any type of mains and service pipe, either underpressure or dry.

Robust and long lasting

Years of service in even the most aggressive soil and water conditions.

Reliable and leak free

Specifically designed to operate at pressures up to 16 bar (240 psi) subject to the ratings of the pipe.

No special equipment needed

The fitting has an integral cutter and requires only a spanner and standard ferrule key to install and carry out the drilling operation.

EWAN SELF TAPPING FERRULE STRAP

INSTALLATION / OPERATION / MAINTENANCE

EWAN polypropylene self-tapping ferrule straps are designed for conveyance of cold potable water only. No warranty is given nor liability accepted by Atplas for use for any other purpose, for failure to comply with these installation instructions, or for alterations made to the units.

Size Range Strap: 63mm, 90mm, 110mm, 125mm - PE or PVC pipe only

Size Range Outlet: 25mm, 32mm pushfit for PE pipe, 3/4" BSP

Other sizes are available with gunmetal straps. Please contact Atplas for further information.

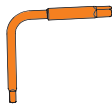
Prior to installation:

Check compatibility of the strap with the mains and communication pipes.

Before starting work, ensure that all safety rules are followed in accordance with local legislation in force.

Ferrule keys

1/2" - 1" Code: 1448

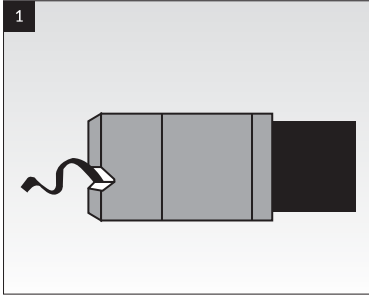


1. Ensure that the mains pipe is clean and free of defects which could hinder the operation of the tapping saddle. Clean with a brush if necessary.
2. Undo the nuts to separate the top and under strap. Check that the cutter is retracted up into the stem and does not protrude through the bottom of the strap.
3. Push the nuts into the bottom half-shell so that they are captured and cannot turn.
4. Fit the top half of the strap on the mains pipe ensuring that the sealing ring is present and correctly positioned. Hold the bottom half of the strap in the required position while evenly tightening the bolts by hand.
5. Make sure that the strap sits squarely on the main and then use a 17mm spanner to tighten each nut to a torque setting of approximately 13.6 Nm. Approximately 2 1/2 turns for 63mm, 3 turns for 90mm, or 4 turns for 110mm or 125mm.
6. Remove the plastic top plug and using the ferrule key screw down the self tapping cutter until a stop is met. Do not overtighten, a torque of no more than 10 Nm is needed. Wind the cutter back to allow a small amount of water to go to waste to flush out any debris. Remove dust cap (and liner for pushfit connection version). Wind the cutter back down onto its seat to seal off the connection (do not overtighten).
7. Loosen the top cap to adjust the orientation of the banjo to match the direction of the communication pipe. Prior to connection, ensure the top cap is re-tightened down on to the banjo (hand tight plus a 3/4 turn, 15 Nm). Connect the service pipe to the banjo, ensuring no undue strain is placed on the pushfit fitting.
7a. Pushfit connection - Insert the liner into the end of the pipe. Push pipe fully into the fitting until a hard stop is reached.
07b. BSP connection - connect using a standard BSP male fitting.
08. Wind the cutter back to initiate water flow. Continue to wind until a seal is made to stop the flow of water through the top cap (do not overtighten, a torque of no more than 6 Nm is needed). Replace the plastic top plug.

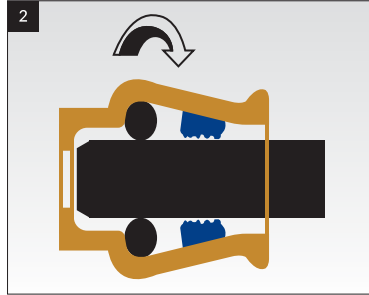
SERVICE PIPE INSTALLATION

INSTALLATION / OPERATION / MAINTENANCE

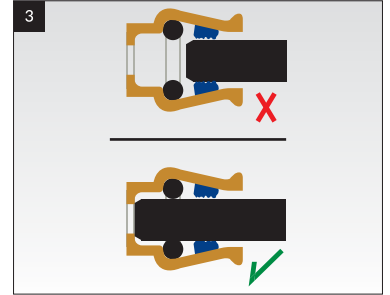
Assembly Instructions - Pushfit Type



For Dimensions Comply with B.S., DIN and ISO Pipe Only Cut & Bevel (chamfer) Pipe. No Liner Required

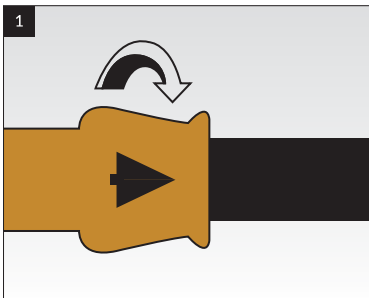


Push Pipe Fully into Fitting with Slight Twist

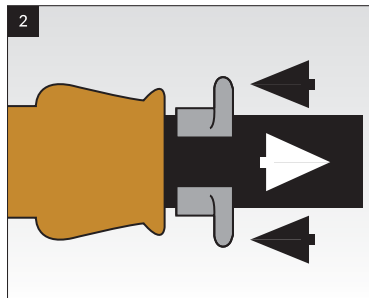


Ensure That Pipe Passes Two Points of Resistance and is fully Seated

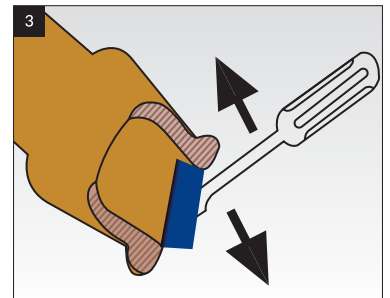
Dismantling Instructions



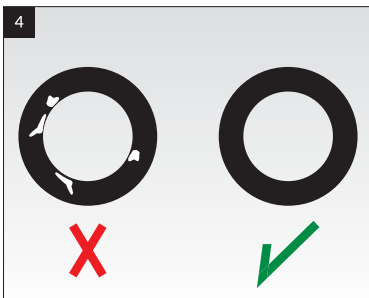
If Possible First Rotate Fitting and Push Towards Pipe.



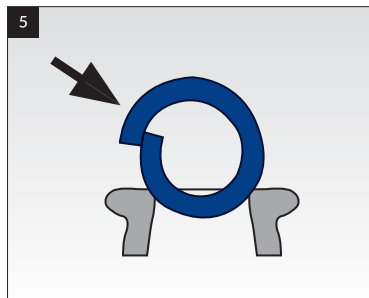
Push Extractors home and withdraw Pipe



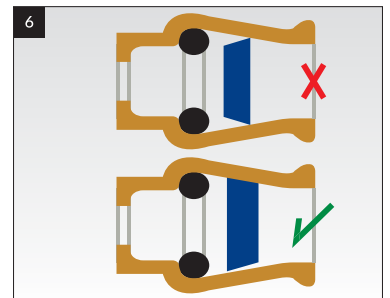
Extract Grip Ring With Screwdriver DO NOT REUSE Grip ring



Extract "O" Ring Inspect and Replace if damaged

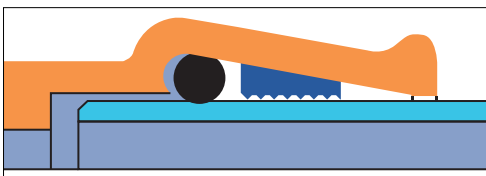


Insert new Grip Ring By Forming Figure "6" and Pressing in



Grip Ring must be THIS WAY ROUND

HOW EWAN PUSHFIT WORKS:



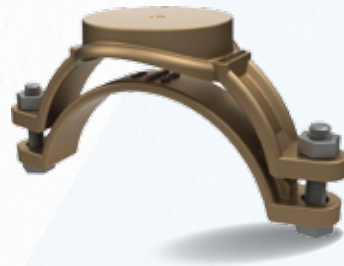
1 After insertion of the pipe, with the components at rest, the O-ring provides the water seal and the grip ring is ready to resist any pull out.

2 Water pressure forces the O-ring against the grip ring, pushing both components down the taper of the fitting creating an excellent pressure seal on the pipe.

3 As the water pressure rises the O-ring is forced further down the tapered body towards the grip ring, increasing the sealing pressure against the pipe and body

4 In negative pressure conditions the O-ring remains in its original seating position and provides an effective vacuum seal.

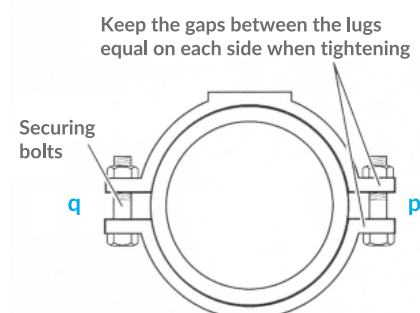
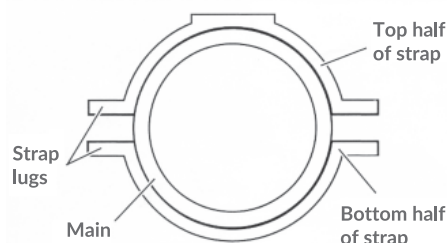
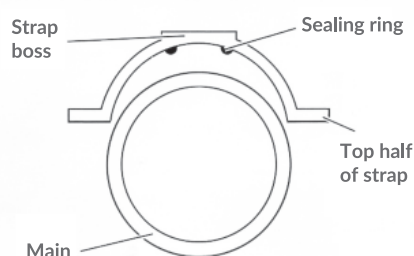
FLAT BOSS SADDLE STRAPS



I FLAT BOSS SADDLE STRAPS



■ Flat Boss Strap



A.1 JORDAN® Flat Boss Straps are designed for making service connections into PVC, asbestos cement pipes, cast iron and ductile iron pipes, PE and GRP pipes, steel pipes.

A ferrule can then be inserted into the main via the Strap Boss using drilling and tapping equipment whilst the main is pressurized or dry.

The Flat Boss Strap range provides maximum thread engagement into the boss of strap and tapings from 1/2" to 2" can be made into most Flat Boss Straps. Alternatively the strap can be pre-drilled and tapped and fitted with a ferrule prior to delivery for use on asbestos cement and PVC mains. The wall of the pipe is then simply drilled using under pressure drilling equipment.

Solid Flat Boss Straps can also be used as blanking straps for sealing existing holes in mains after removal of a ferrule.

- **Quick and simple to install**

Quick, permanent, leak free connection provided by a tried and tested design.

- **Extensive range**

A range has been developed to enable user to make connections to almost any type of mains pipe, either under pressure or dry.

- **Robust and long lasting**

Flat Boss Straps are made from corrosion resistant materials (Gunmetal to BS 1400 LG2) to give years of trouble free service.

- **Reliable and leak free**

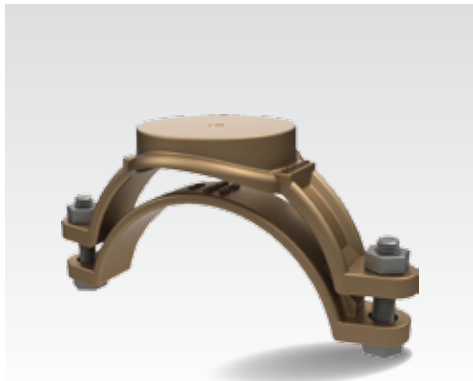
Provide maximum thread engagement for leak free connections suitable for a working pressure up to 20 bar (300 psi).

I FLAT BOSS STRAP ASSEMBLY INSTRUCTIONS |

For easy trouble free installation the steps detailed should be followed:

1. Select the correct size and type of the strap for the main.
2. Place the sealing ring in the groove in the underside of the strap boss (many straps are supplied with the sealing ring pre-bonded into position making assembly even easier and position the upper half of the strap on the main ensuring that the sealing ring remains snug in the groove.
3. Locate the bottom of the strap under the main below the top half of the strap.
4. Using the two nuts and bolts provided bolt the two halves together ensuring the bolts point upwards. Finger tighten the bolts evenly, keeping the gaps between the lugs equal on each side.
5. Check that the strap sits squarely on the main then hand tighten each nut. Tighten each nut a further two and a half turns or to a torque setting of approximately 10 lb/ft (13.6 Nm).

The strap is now secured to the main.



■ Flat Boss Strap

Note

- A1 Jordan® recommend the use of a strap on ductile iron pipes below 12" (300mm) in diameter as the wall thickness is generally less than that of cast iron pipes and insufficient to tap directly without risking the threads stripping.
- Always ensure that the correct type and size of strap is used for the main.
- Always use a strap on asbestos cement, PVC and PE mains.
- Always have the strap pre-drilled by A1 Jordan® if the service valve size is known. This will make the tapping on the connection easier on site.
- Always take care when fitting the strap and ensure that the "O" ring or sealing ring is correctly in place under the boss of the strap.
- Never over tighten the bolts on the strap. This can cause damage to the lugs or leaks to occur due to distortions in the pipe.
- Never attempt to cut the same size thread into existing, pre-drilled and tapped straps. Cutting the new thread will damage the old one.

| FLAT BOSS STRAPS TECHNICAL SPECIFICATIONS |

Flat boss strap are of single band design, shaped to the pipe diameter to which is to be fitted.

All straps shall be in two parts, top and bottom, bolted at both sides, are fitted with a rubber sealing gasket, and available undrilled, pre-drilled with a 3/8" hole or drilled, and tapped for tapered internal pipe threads in accordance with ISO 7/1 and BS 21.

All straps accept ferrules up to 2" in size and are supplied with fully threaded bolts and nuts.

A1 Jordan® straps are capable of withstanding a working pressure up to 20 bar (300 psi) without leaking.

• Description of Design

The design of the strap is suitable for use with PVC, AC, Steel, DI, CI, GRP and PE mains.

The design is suitable for use with conventional drilling and tapping machines that mount onto the strap assembly.

The design is suitable for use with standard pattern 360° swivel ferrules.

• Construction

The straps are manufactured from Gunmetal Bronze to BS 1400 grade LG2 (BS EN 1982 grade CC49 1K).

The sealing ring ('O'-ring) is in EPDM rubber that is WRAS certified for use in contact with potable water up to 85°C.

The bolts and nuts are made in stainless steel to BS 1449 or ISO 3506 grade 316 and 316L (A4).

- Saddles Straps are available from 63mm up to 500mm in diameter.
- All Straps are designed with a groove underneath the boss, into which the “O” ring seal fits.
- Upon specific request, Saddle Straps can be supplied with the boss tapped with female BSP taper threads to BS 21.
- Markings are engraved and/or cast. Saddle Straps are legibly marked with the A1 Jordan® trademark and with the nominal size of the distribution main they are able to accommodate.
- Nominal sizes of Saddles (in Millimeters)
63, 80, 100, 125, 150, 200, 225, 250, 300, 350, 400, 450, 500.

| GUNMETAL FLAT BOSS STRAPS DIMENSIONS |

Nominal Ø of the Pipe	Type of Pipe					Size of Tapping					
in mm	DI	PE	PVC	GRE	AC	No Tapping	1/2"	3/4"	1"	1.1/2"	2"
60.2 - 64.2		✓	✓			✓	✓	✓	✓		
88 - 92		✓	✓			✓	✓	✓	✓	✓	✓
96 - 101					✓	✓	✓	✓	✓	✓	✓
110 - 118	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓
122 - 130					✓	✓	✓	✓	✓	✓	✓
138 - 146	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓
155 - 183	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
165 - 173	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓
177 - 185		✓	✓		✓	✓	✓	✓	✓	✓	✓
217 - 225	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓
229 - 237					✓	✓	✓	✓	✓	✓	✓
238 - 246					✓	✓	✓	✓	✓	✓	✓
250 - 258		✓	✓			✓	✓	✓	✓	✓	✓
253 - 270					✓	✓	✓	✓	✓	✓	✓
268 - 276	✓		✓	✓		✓	✓	✓	✓	✓	✓
285 - 300					✓						
315 - 330	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓
325 - 340	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓
340 - 355					✓	✓	✓	✓	✓	✓	✓
345 - 360					✓	✓	✓	✓	✓	✓	✓
370 - 385					✓						
425 - 440	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓
440 - 455					✓	✓	✓	✓	✓	✓	✓
505 - 520	✓					✓	✓	✓	✓	✓	✓
515 - 530					✓	✓	✓	✓	✓	✓	✓
530 - 545	✓					✓	✓	✓	✓	✓	✓

STANDARD OUTSIDE PIPE DIAMETER GUIDE CHART

Nominal Bore	Metric Plastic	Imperial Cast Iron and A C (turned end)			UVPC		ABS	Ductile Iron	GRP	Metric AC (turned end)		
	Metric PVC MO PVC PE Hep ₂ O	BS 1211 (up to & including 27" NB) BS 78, BS 486			BS 3505	BS 3506	BS 5391	BS 4772 DIN 28601 DIN 28602 DIN 28603 DIN 28605 EN 545	BS 5480	Class 15	Class 20	Class 25
		Class AB Only	Class CD Only	Non Standard								
25mm 1"	25				33.6	33.6	33.6					
32mm 1.25"	32				42.3	42.3	42.3					
40mm 1.5"	40	55.9	55.9 2.20	57.0 2.20	48.3	48.3	48.3	56.0 DIN28601				
50mm 2"	50	69.1 2.72	69.1 2.72		60.3	60.3	60.3	66.0 DIN28605				69.0
63mm	63											
65mm 2.5"	65	82.3 3.24	82.3 3.24	82.5 3.25	75.2	75.2		82.0 DIN28605				
75mm	75											
80mm 3"	80	95.5 3.76	95.5 3.76		88.9	88.9	88.9	98.0				96.0
90mm 3.5"	90											
100mm 4"	100	121.9 4.80	121.9 4.80		114.3	114.3	114.3	118.0				122.0
110mm	110											
125mm 5"	125	149.4 5.90	149.9 5.90		140.2	140.2		144.0 DIN28601/3				
140mm	140											
150mm 6"	150	177.3 6.98	177.3 6.98		168.3	168.3	168.3	170.0		177.0		177.0
160mm	160											
175mm 7"	175	204.7 8.06	204.7 8.06			193.7						
180mm	180											
200mm 8"	200	232.2 9.14	232.2 9.14		219.1	219.1	219.1	222.0	222.0	232.0	232.0	240.0
225mm 9"	225	259.1 10.20	259.1 10.20			244.5				259.0	259.0	268.0
250mm 10"	250	286.0 11.26	286.0 11.26		273.0	273.0		274.0	272.0	286.0	286.0	295.0
280mm	280											
300mm 12"	300	333.8 13.14	345.4 13.6		323.9	323.9		326.0	324.0	334.0	345.0	356.0
315mm	315											
350mm 14"	350	386.6 15.21	399.3 15.72		355.6	355.6		378.0	376.0	392.0	405.0	419.0
355mm	355											
375mm 15"	375	413.0 16.26	426.2 16.78									
400mm 16"	400	439.0 17.30	453.1 17.84		406.4	406.4		429.0	427.0	448.0	463.0	478.0
450mm 18"	450	492.3 19.38	506.9 19.96		457.0	457.0		480.0 (BS only)	478.0	498.0	515.0	432.0
500mm 20"	500	545.1 21.46	560.3 22.06		508.0	508.0		532.0	530.0	568.0	586.0	605.0
525mm 21"	525	571.5 22.50	587.2 23.12									
550mm 22"	550	597.9 23.54	613.7 24.16			559.0						
560mm	560											
600mm 24"	600	650.2 25.60	667.0 26.26		610.0	610.0		635.0	633.0	654.0	672.0	691.0



VALVES AND STOPCOCKS



■ Stopcock with Crutch Head



■ Forged Brass Gate Valve



■ Gunmetal Gate Valve

| VALVES & STOPCOCKS

The range of Stopcocks consists of many individual types, all of which give excellent performance characteristics. The range is available with the following ends or a combination thereof:

- Ends with parallel female (BSP) threads that comply with the requirements of BS 2779 and BS 21.
- Pushfit-type ends for polyethylene pipes that comply with the requirements of BS 1972, BS 1973, BS 3284 and BS 3796.
- Compression-type ends for polyethylene pipes that comply with the requirements of BS 1972, BS 1973, BS 3284 and BS 3796.

The A.1 JORDAN® Stopcocks, depending on the type of pipe for which they are designed, are suitable for the maximum working pressures and temperatures specified in the previous sections of this catalogue as applicable.

Stopcocks conform to the requirements of BS 1010: Part 2 and BS 5433.

They can be supplied in one of the following versions:

- With Crutch Head.
- With the Spindle Shielded so as to prevent unauthorized operation with a wrench, the spindle being of such size that it can be operated by a standard key operator and the shield being of sufficient depth so that when the valve is fully open, the spindle remains recessed in the shield to a depth of 5mm. The shield having two holes drilled opposite each other at its open end to allow insertion of a sealing wire. The Stopcock can be provided with a detachable key operator.

Gunmetal Stopcocks are available in 20, 25, 32, 40, 50 and 63mm as well as their imperial equivalents: 1/2", 3/4", 1", 1.1/4", 1.1/2" and 2.

| MATERIALS |

- All metallic components are in Gunmetal to BS 1400 LG2 cast.
- The sealing washer is in EPDM rubber that is WRAS certified for use in contact with potable water up to 85°C.
- The head seal "O" ring is in EPDM rubber that is WRAS-certified for use in contact with potable water up to 85°C.
- The gland packing material is in high tenacity polyacrylic yarn treated with PTFE and WRAS-certified for use with potable water up to 85°C. As well as, a washer can be fitted in EPDM rubber that is WRAS certified for use with potable water up to 85°C.
- Other components in the outlet end socket, depending on the type of pipe, are in materials as specified in the relevant section in the preceding pages of this catalogue.



■ Stopcock with crutch head, double compression ends



■ Stopcock with crutch head, double pushfit ends



■ Stopcock with the Spindle Shielded

| THREADING |

- All threads are of Whitworth form and right-handed, and comply with the requirements of BS 1010: Part 2 and BS 5433.
- Inlet and outlet threads of stopcocks with BSP (parallel) female threaded ends comply with the requirements of BS 2779.

| BORE |

- The area of waterway throughout the valve body is not less than the area of a circle of diameter equal to the bore of the seating.

| DIMENSIONS |

- Dimensions for valve bodies and components (including wall thickness and thickness of screwed ends) satisfy the dimensional requirements of BS 1010: Part 2 and BS 5433.

| TESTING |

- Every stopcock is tested against leaking and sweating in the assembled condition both in the fully closed position (seat test) and in the fully open position (body test), by applying a hydraulic pressure of not less than 21 bar.

| MARKING |

- Markings are engraved and/or cast. Each stopcock is legibly marked with the following:
 - a. A.1 JORDAN® Trademark.
 - b. BS.
 - c. Nominal size.
 - d. Direction of flow.

GUNMETAL FITTINGS





■ Gunmetal Male Adaptor - Pushfit Type



■ Gunmetal Male Adaptor - Compression Type



■ Gunmetal Female Adaptor

| GUNMETAL FITTINGS |

Made from corrosion immune materials, A1 Jordan® Gunmetal Fittings provides years of trouble free service in even the most arduous of ground conditions.

| FITTINGS COVER A VARIETY OF PIPE MATERIAL AND SIZE |

- Fittings for metric and imperial PE pipe, 20mm (1/2") to 63mm (2")
- Fittings for steel threaded pipe, 1/2" to 2" BSP.
- Fittings for copper pipe, 15mm to 54mm

When ordering fittings for PE pipes, it is necessary to state the British Standard number for the pipe together with the nominal size of the pipe stated in the said standard, and the class of the pipe, e.g. BS 1972, 1/2 class C.

A.1 JORDAN® Pushfit Fittings for PE pipe are suitable for polyethylene pipes that comply with the requirements of BS 1972, BS 1973, BS 3284, BS 3796 and ISO 4427.

| BENEFITS |

- Ease and quickness of installation: the pipe is easily inserted into the grip ring and pass-through the rubber "O" ring that provides the seal.

| SEALING |

- Any pullout tensile action either by hand or as a result of the rise in water pressure, is resisted by the tightening of the "O" ring and the grip ring as both would be pushed down the taper of the fitting, thus increasing the sealing pressure against the pipe and body of the fitting.

| STRENGTH |

- The joint and the fitting are tested to 48 bars, and the pipe will fail before either the connection or the fitting does.

| STANDARDS |

- Pushfit joint meets the requirements of WIS No. 4-32-11, ISO 3458, ISO 3459, ISO 3501 and ISO 3503.

| SUITABILITY |

- The fittings are suitable for the maximum working service pressures and temperatures specified for the pipes in BS 1972, BS 1973, BS 3284 or BS 3796 as applicable, namely 18 bar at 85°C.



■ Gunmetal Equal Socket



■ Elbow, Gunmetal Meter Union



■ Gunmetal Fittings (equal tee, compression type for PE pipes)

| MATERIALS |

- The fittings are in Gunmetal to BS 1400 LG2 cast.
- The “O” ring is in EPDM rubber that is WRAS-certified for use in contact with potable water up to 85°C.
- The grip ring is in Hostaform C13031® acetal copolymer material or equivalent.

| COMPRESSION FITTINGS FOR PE PIPE |

Including Poly Adapters, can be supplied in one of the following two versions, the only difference between the two versions being the size of the copper insert:

- Fittings for PE pipes to BS 1972 class “C”: these will also fit PE pipes to BS 1973 class “C”.
- Fittings for PE pipes to BS 3284 class “C”: these will also fit PE pipes to BS 3796 class “C” and four PE Pipes to ISO 4427.

| BENEFITS |

- Ease of installation: no need for special tools for making the joint.

| SEALING |

- Any pullout tensile action either by hand or as a result of the rise in water pressure, is resisted by compression of the rubber ring, thus retaining the pipe even more securely while maintaining a watertight seal.

| STRENGTH |

- The joint and the fitting are tested to 48 bars, and the pipe will fail before either the connection or the fitting does.

| STANDARDS |

- Compression Fittings for PE pipe conform with the requirements of BS 864: Part 3 Type A. Compression joint for PE pipe meets the requirements of BS 5114, ISO 3458, ISO 3459, ISO 3501 and ISO 3503.

| SUITABILITY |

- The fittings are suitable for the maximum working service pressures and temperatures specified for the pipes in BS 1972, BS 1973, BS 3284 or BS 3796 as applicable. Moreover, they are capable of working at a continuous pressure of 18 bars without leaking and a temperature of up to 85°C.



■ Pushfit connection



■ Compression connection

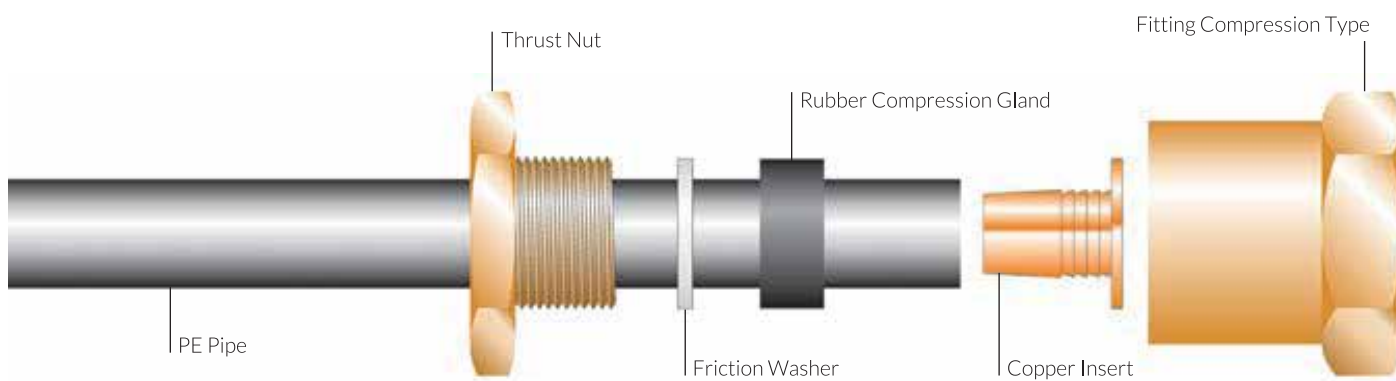
| INSTALLATION |

• Pushfit Connection

The end of the pipe should first be beveled and the pipe inserted fully into the fitting with a slight twist, while ensuring that it passes two points of resistance

• Compression Connection

- Ensure that the end of the pipe has a straight square face
- Insert the thrust nut (threads facing outwards), then the friction washer, then the rubber compression ring, into the pipe.
- Knock the copper insert into the pipe until its face touches the insert flange. This should be done with care so as not to damage the insert flange.
- Push the rubber compression ring and the friction washer against the insert flange and locate this assembly into the compression end of the fitting.
- Hand-tighten fully the thrust nut into the compression end of the fitting, then tighten it further about 1 1/2-to-2 turns using a spanner.



| MARKING |



Markings are engraved and/or cast. Each fitting is legibly marked with the A.1 JORDAN® trademark, the size of the fitting in either mm or inches (depending on client's requirements), and the nominal size of the PE pipe for which it is designed.

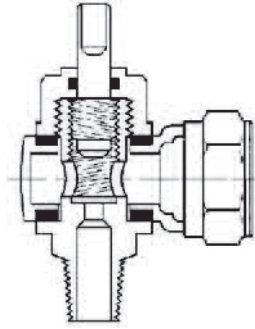
Fittings and Valves for Copper Pipes



"A.1 JORDAN" GUNMETAL COMPRESSION FITTINGS AND 5 VALVES - TYPE 'B'

Gunmetal Screw Down Pattern, Swivel Balancing Ferrule, Compression Type 'B', for Copper Pipes |

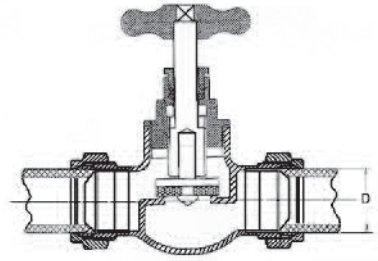
Size	
Inch	mm
1/2"	1/2"x15mm
3/4"	3/4"x22mm
1"	1"x28mm
1.1/2"	1.1/2"x42mm
2"	2"x54mm



3750-C

Gunmetal Stop Valve, Compression Type 'B', Copper x Copper (C x C) |

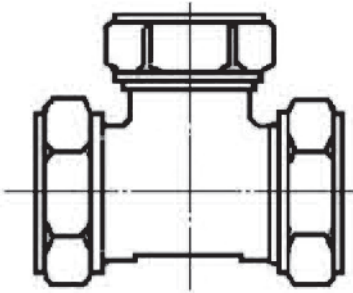
Size	
Inch	mm
1/2"	15mm x 15mm
3/4"	22mm x 22mm
1"	28mm x 28mm
1.1/2"	42mm x 42mm
2"	54mm x 54mm



2510-CB

Gunmetal Equal Tee, Compression Type 'B', Copper x Copper x Copper (C x C x C) |

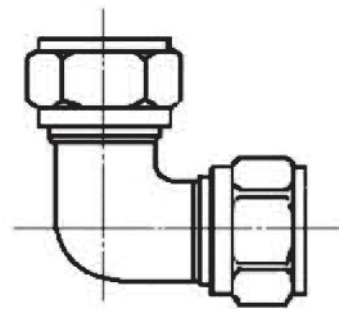
Size	
Inch	mm
1/2"	15mm x 15mm x 15mm
3/4"	22mm x 22mm x 22mm
1"	28mm x 28mm x 28mm
1.1/2"	42mm x 42mm x 42mm
2"	54mm x 54mm x 54mm



8000-CB

Gunmetal 90° Elbow, Compression Type 'B', Copper x Copper (C x C) |

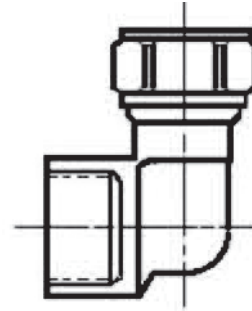
Size	
Inch	mm
1/2"	15mm x 15mm
3/4"	22mm x 22mm
1"	28mm x 28mm
1.1/2"	42mm x 42mm
2"	54mm x 54mm



8100-CB

| Gunmetal 90° Female Elbow, Compression Type 'B', Female x Copper (F x C) |

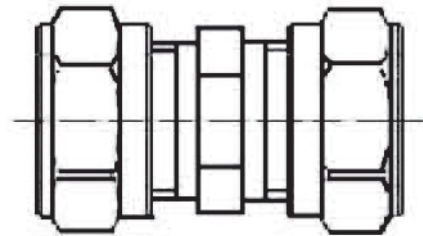
Size	
Inch	mm
1/2"	1/2"x15mm
3/4"	3/4"x22mm
1"	1"x28mm
1.1/2"	1.1/2"x42mm
2"	2"x54mm



8100-FCB

| Gunmetal Straight Coupling, Compression Type 'B', Copper x Copper (C x C) |

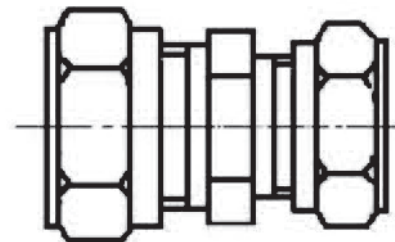
Size	
Inch	mm
1/2"	15mm x 15mm
3/4"	22mm x 22mm
1"	28mm x 28mm
1.1/2"	42mm x 42mm
2"	54mm x 54mm



8200-CB

| Gunmetal Straight Reducer Coupling, Compression Type 'B', Copper x Copper (C x C) |

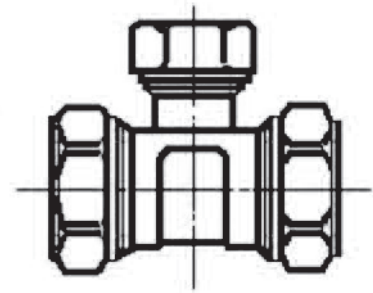
Size	
Inch	mm
3/4" x 1/2"	22mm x 15mm
1" x 1/2"	28mm x 15mm
1"x 3/4"	28mm x 22mm
1.1/2" x 3/4"	42mm x 22mm
1.1/2" x 1"	42mm x 28mm
2" x 1"	54mm x 28mm
2" x 1.1/2"	54mm x 42mm



8300-CB

| Gunmetal Unequal Tee, Compression Type 'B', Copper x Copper x Copper (C x C x C) |

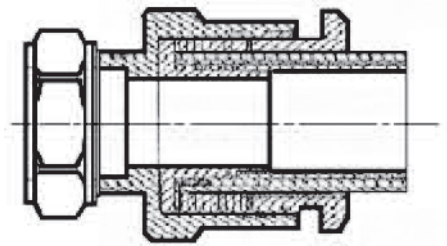
Size	
Inch	mm
3/4" x 1/2"	22mm x 22mm x 15mm
1/2" x 3/4"	15mm x 15mm x 22mm
1" x 1/2"	28mm x 28mm x 15mm
1" x 3/4"	28mm x 28mm x 22mm
1.1/2" x 1/2"	42mm x 42mm x 15mm
1.1/2" x 3/4"	42mm x 42mm x 22mm
1.1/2" x 1"	42mm x 42mm x 28mm
2" x 3/4"	54mm x 54mm x 22mm
2" x 1"	54mm x 54mm x 28mm
2" x 1.1/2"	54mm x 54mm x 42mm



8400-CB

| Gunmetal Universal Transition Coupling (UTC) Type 'B', PE x Copper , (PE x C) to connect PE Pipes with Copper Pipes

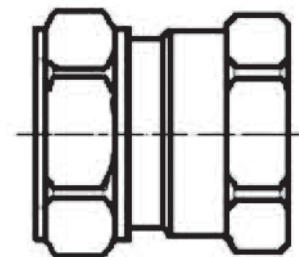
Size	
Inch	mm
1/2"	20mm x 15mm
3/4"	25mm x 22mm
1"	32mm x 28mm
1.1/2"	50mm x 42mm
2"	63mm x 54mm



8500

| Gunmetal Female Coupling, Compression Type 'B', Female x Copper (FI x C) |

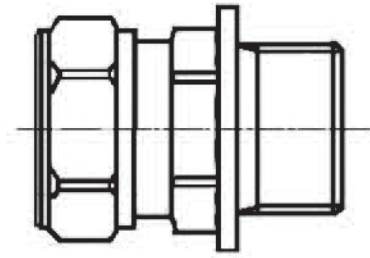
Size	
Inch	mm
1/2"	1/2" x 15mm
3/4"	3/4" x 22mm
1"	1" x 28mm
1.1/2"	1.1/2" x 42mm
2"	2" x 54mm



8550-F

| Gunmetal Male Coupling, Compression Type 'B', Male x Copper (MI x C) |

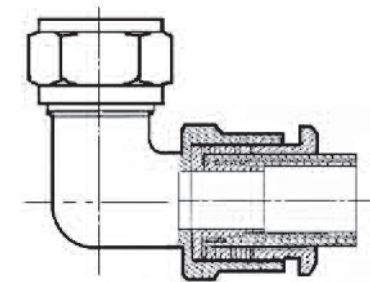
Size	
Inch	mm
1/2"	1/2"x15mm
3/4"	3/4"x22mm
1"	1"x28mm
1.1/2"	1.1/2"x42mm
2"	2"x54mm



8550-M

| Gunmetal Transition 90° Elbow Compression Type 'B', PE x Copper, (PE x C) to connect PE Pipes with Copper Pipes |

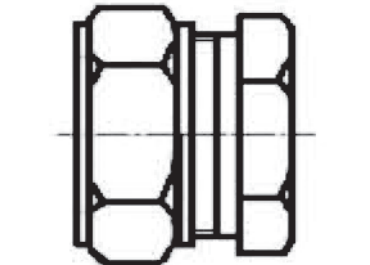
Size	
Inch	mm
1/2"	20mm x 15mm
3/4"	25mm x 22mm
1"	32mm x 28mm
1.1/2"	50mm x 42mm
2"	63mm x 54mm



8600

| Gunmetal End Cap, Compression Type 'B', Copper (C) |

Size	
Inch	mm
1/2"	15mm
3/4"	22mm
1"	28mm
1.1/2"	42mm
2"	54mm



8950-CB



BRASS BALL VALVE

TECHNICAL DATA SHEET

BRASS BALL VALVE

Brass Ball Valves are highly valued for their reliability, durability, and efficiency. These valves play a critical role in managing water flow in both residential and commercial water systems. here are the key features and uses of brass ball valves in water networks



APPLICATIONS



House connection

USES

MAKING SERVICE CONNECTIONS TO MAINS PIPES

- **Water Flow Control:** Brass ball valves are commonly used to control the flow of water within different sections of the water network, providing precise control over water distribution.
- **Isolation for Maintenance:** These valves are often installed to isolate sections of the pipeline for maintenance or repairs without shutting down the entire water supply system.
- **Pressure Management:** In high-pressure water systems, brass ball valves help regulate water pressure and prevent damage to pipelines or other infrastructure.
- **Water Distribution Points:** They are used at key points in water distribution networks, allowing for easy regulation and direction of water flow to different areas or buildings.
- **Hot and Cold Water Systems:** Brass ball valves are used in both hot and cold water applications, including domestic plumbing systems and industrial water heating systems.

- Their robust design, ability to withstand harsh conditions, and ease of use make brass ball valves an essential component in the water distribution sector.

DESIGN OF VALVE

- Potable Water Valve Acc To EN 13828
- Full Bore Ball Valve
- Two Pieces Design
- Lever Operated
- Marking Acc To En19
- Double Femal Threaded
- Bs21 Or Iso 7/1 Threading
- Temperature: 10° C - 50° C

SIZE (F * F) :

1/2" x 1/2"	(15mm)
3/4" x 3/4"	(20mm)
1" x 1"	(25mm)
2" x 2"	(50mm)

MATERIAL :

Brass to EN 13828:1991 (Grade CW617N)

PRESSURE (EN 12266-1/2) :

Working Pressure : 16 BAR
Working Pressure : 25 BAR
Working Pressure : 30 BAR

TECHNICAL DRAWING :

DETAILS

**1**

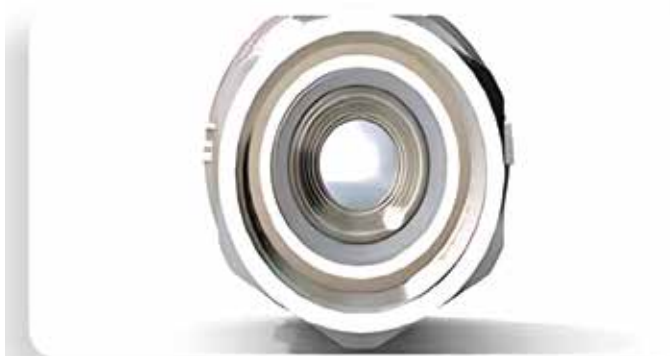
Handle

Easy to close and open

**2**

Smooth Turnbuckle

Quick and easy installation

**3**

Ball Valve

Quick and easy ON/OFF

4

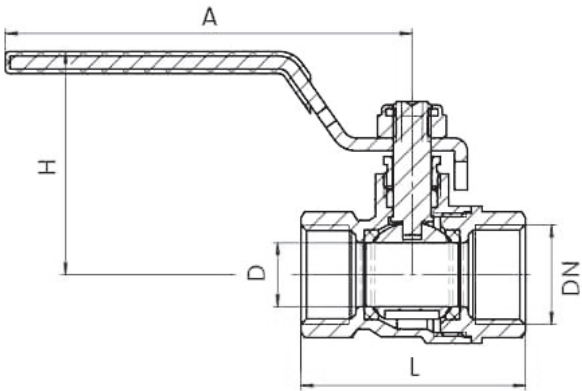
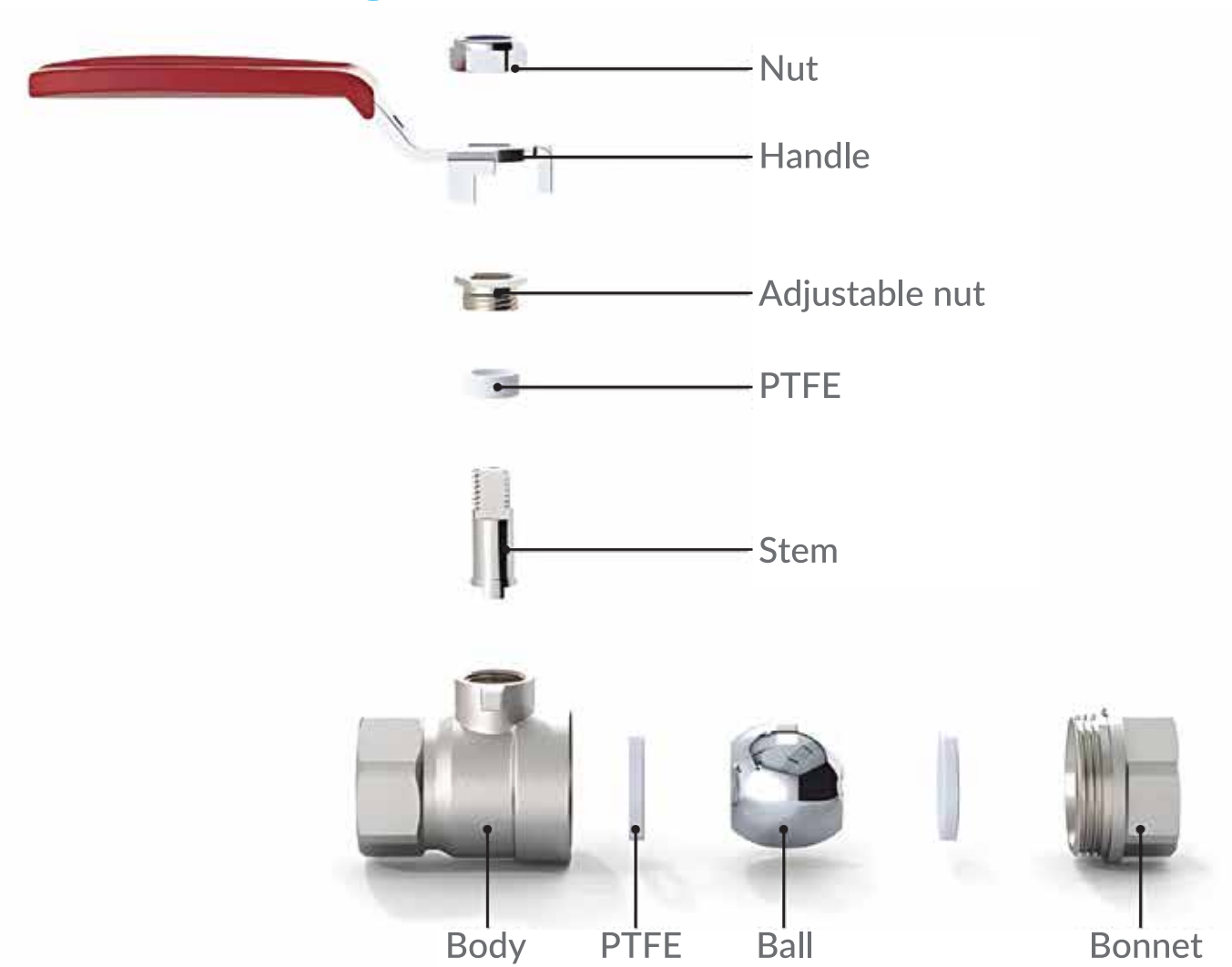
PTFE Seat

Sealed design, no water leakage



TECHNICAL DRAWING :

COMPONENT
BREAKDOWN



SIZE	DN	D	A	H	L
1/4"	8	8	84	44	40
3/8"	10	10	84	46	44
1/2"	15	13.5	84	48	47
3/4"	20	18.5	84	52	54
1"	25	23	112	67	65
1 1/4"	32	29	135	76	73
1 1/2"	40	37	135	81	81
2"	50	47	157	99	98
2 1/2"	65	64	236	131	135
3"	80	75	236	138	150
4"	100	97	236	158	176



GUNMETAL GATE VALVE

TECHNICAL DATA SHEET

GUNMETAL GATE VALVE

Gunmetal Gate Valves are highly valued for their reliability, durability, and efficiency. These valves play a critical role in managing water flow in both residential and commercial water systems. here are the key features and uses of gunmetal gate valves in water networks



APPLICATIONS



House connection

USES

MAKING SERVICE CONNECTIONS TO MAINS PIPES

- **Water Flow Control:** Gunmetal Gate valves are commonly used to control the flow of water within different sections of the water network, providing precise control over water distribution.
- **Isolation for Maintenance:** These valves are often installed to isolate sections of the pipeline for maintenance or repairs without shutting down the entire water supply system.
- **Pressure Management:** In high-pressure water systems, gunmetal gate valves help regulate water pressure and prevent damage to pipelines or other infrastructure.
- **Water Distribution Points:** They are used at key points in water distribution networks, allowing for easy regulation and direction of water flow to different areas or buildings.
- **Hot and Cold Water Systems:** gunmetal gate valves are used in both hot and cold water applications, including domestic plumbing systems and industrial water heating systems.

- Their robust design, ability to withstand harsh conditions, and ease of use make brass ball valves an essential component in the water distribution sector.

DESIGN OF VALVE

Suitable for installation in:
 & distribution network for drinking water
 & Piping water system & connect with water meter

- Annealed brass
- Working pressure: PN16
- Working pressure: -30°C to +150°C

SIZE (F * F) :

1/2" x 1/2"	(15mm)
3/4" x 3/4"	(20mm)
1" x 1"	(25mm)
1 1/4" x 1 1/4"	(32mm)
1 1/2" x 1 1/2"	(40mm)
2" x 2"	(50mm)

MATERIAL :

Gunmetal to EN 13828:1991 (Grade CC491K-LG2)

PRESSURE (EN 12266-1/2) :

Working Pressure : 16 BAR
 Working Pressure : 25 BAR
 Working Pressure : 30 BAR

| TECHNICAL DRAWING :

DETAILS



1

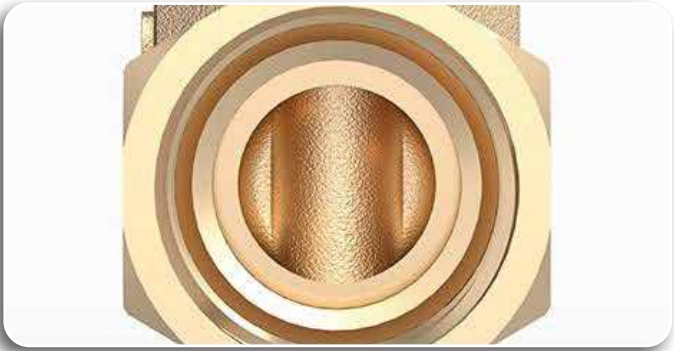
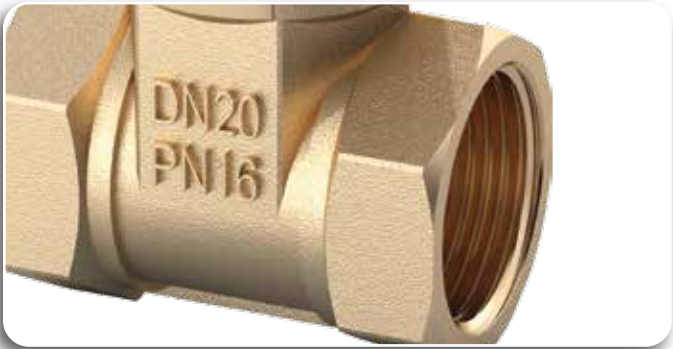
Handle

Smooth and comfortable feel

2

Smooth Turnbuckle

Quick and easy installation



3

Wedge

Quick and easy ON/OFF

4

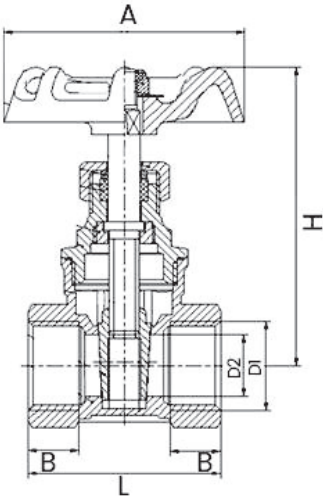
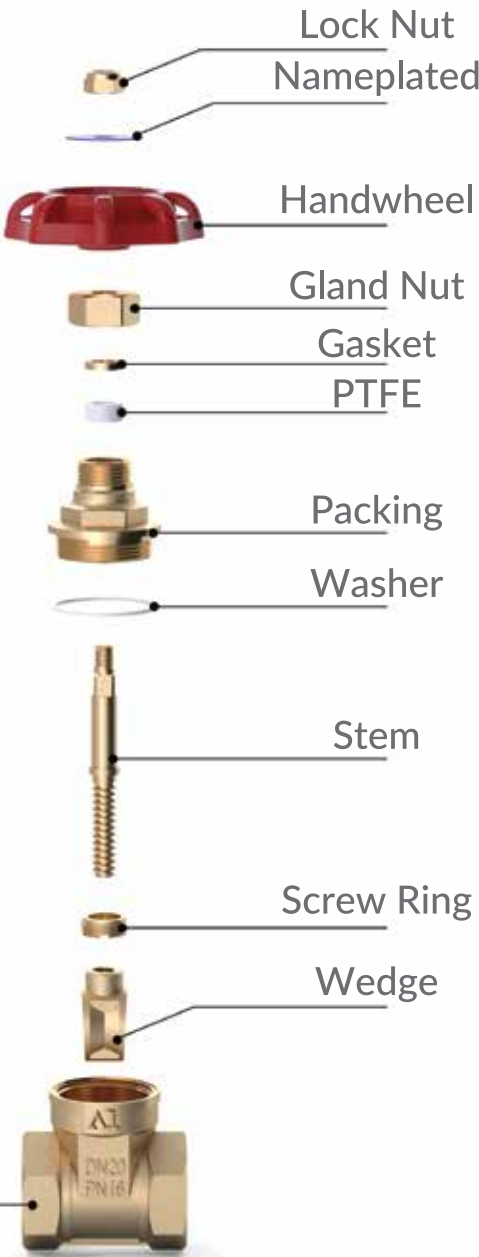
PTFE

Prevent water leakage



TECHNICAL DRAWING :

COMPONENT
BREAKDOWN



SIZE	A	B	D1	D2	L	H	Weight(g)
1/2"	54	11.5	G 1/2	Φ14.5	44	70.3	246
3/4"	58	11	G 3/4	Φ19	46	78.5	302
1"	58	13	G 1	Φ24	50	89	376
1 1/4"	72	14	G 1 1/4	Φ27	56	100.5	640
1 1/2"	72	14.5	G 1 1/2	Φ33	60	111.5	783
2"	78	17	G 2	Φ43	70	125.5	1160
2 1/2"	98	19	G 2 1/2	Φ54	76.5	156	2135
3"	108	19	G 3	Φ65	77.5	180	2930
4"	126	21.5	G 4	Φ86.5	93.5	226.5	4750



GUNMETAL Y STRAINER

TECHNICAL DATA SHEET

GUNMETAL Y STRAINER

Gunmetal Y Strainer are highly valued for their reliability, durability, and efficiency. These valves play a critical role in managing water flow in both residential and commercial water systems. here are the key features and uses of gunmetal Y Strainer in water networks



APPLICATIONS



House connection

USES

MAKING SERVICE CONNECTIONS TO MAINS PIPES

- **Water Flow Control:** Gunmetal Y Strainer are commonly used to control the flow of water within different sections of the water network, providing precise control over water distribution.
- **Isolation for Maintenance:** These valves are often installed to isolate sections of the pipeline for maintenance or repairs without shutting down the entire water supply system.
- **Pressure Management:** In high-pressure water systems, gunmetal Y Strainer help regulate water pressure and prevent damage to pipelines or other infrastructure.
- **Water Distribution Points:** They are used at key points in water distribution networks, allowing for easy regulation and direction of water flow to different areas or buildings.
- **Hot and Cold Water Systems:** gunmetal Y Strainer are used in both hot and cold water applications, including domestic plumbing systems and industrial water heating systems.

- Their robust design, ability to withstand harsh conditions, and ease of use make brass ball valves an essential component in the water distribution sector.

DESIGN OF VALVE

Suitable for installation in:
 & distribution network for drinking water
 & Piping water system & connect with water meter

- Annealed gunmetal
- Working pressure: PN16
- Working temperature: -20°C to 85°C

SIZE (F * F) :

1/2" x 1/2"	(15mm)
3/4" x 3/4"	(20mm)
1" x 1"	(25mm)
1 1/4" x 1 1/4"	(32mm)
1 1/2" x 1 1/2"	(40mm)
2" x 2"	(50mm)

MATERIAL :

Gunmetal to EN 13828:1991 (Grade CC491K-LG2)

PRESSURE (EN 12266-1/2) :

Working Pressure : 16 BAR
 Working Pressure : 25 BAR
 Working Pressure : 30 BAR

TECHNICAL DRAWING :

DETAILS



1

Smooth Turnbuckle

Quick and easy installation



2

O-Ring

Prevent water leakage



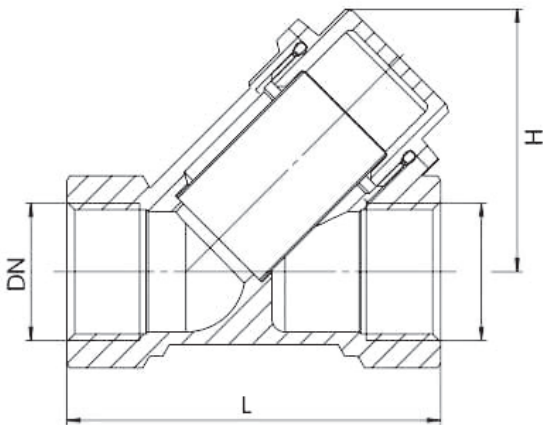
3

Filter

Filter out impurities

TECHNICAL DRAWING :

COMPONENT
BREAKDOWN



SIZE	D	H	L	Weight
1/2"	15	65.5	45	56
3/4"	20	66.9	53.5	56
1"	25	77.6	63	70
1 1/4"	32	87.75	70	72
1 1/2"	40	98.5	78	72
2"	50	109.7	95	100



GUNMETAL SWING
CHECK VALVE

TECHNICAL DATA SHEET

GUNMETAL SWING CHECK VALVE

Gunmetal Swing Check Valve are highly valued for their reliability, durability, and efficiency. These valves play a critical role in managing water flow in both residential and commercial water systems. here are the key features and uses of Gunmetal Swing Check Valve in water networks



APPLICATIONS



House connection

USES

MAKING SERVICE CONNECTIONS TO MAINS PIPES

- **Water Flow Control:** gunmetal swing check valve are commonly used to control the flow of water within different sections of the water network, providing precise control over water distribution.
- **Isolation for Maintenance:** These valves are often installed to isolate sections of the pipeline for maintenance or repairs without shutting down the entire water supply system.
- **Pressure Management:** In high-pressure water systems, gunmetal swing check valve help regulate water pressure and prevent damage to pipelines or other infrastructure.
- **Water Distribution Points:** They are used at key points in water distribution networks, allowing for easy regulation and direction of water flow to different areas or buildings.
- **Hot and Cold Water Systems:** gunmetal swing check valve are used in both hot and cold water applications, including domestic plumbing systems and industrial water heating systems.

- Their robust design, ability to withstand harsh conditions, and ease of use make brass ball valves an essential component in the water distribution sector.

DESIGN OF VALVE

This valve is designed for use in piping water systems and is an ideal choice for a range of plumbing applications.

- Working pressure: PN16
- Working temperature: -30°C up to 150°C

SIZE (F * F) :

1/2" x 1/2"	(15mm)
3/4" x 3/4"	(20mm)
1" x 1"	(25mm)
1 1/4" x 1 1/4"	(32mm)
1 1/2" x 1 1/2"	(40mm)
2" x 2"	(50mm)

MATERIAL :

Gunmetal to EN 13828:1991 (Grade CC491K-LG2)

PRESSURE (EN 12266-1/2) :

Working Pressure : 16 BAR
Working Pressure : 25 BAR
Working Pressure : 30 BAR

TECHNICAL DRAWING :

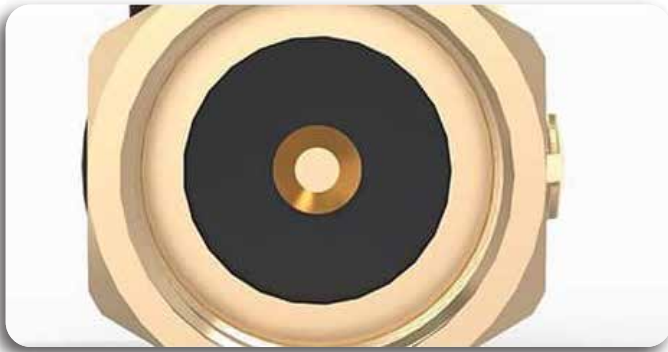
DETAILS



1

Smooth Turnbuckle

Quick and easy installation



2

No Water Return

Prevent water backflow



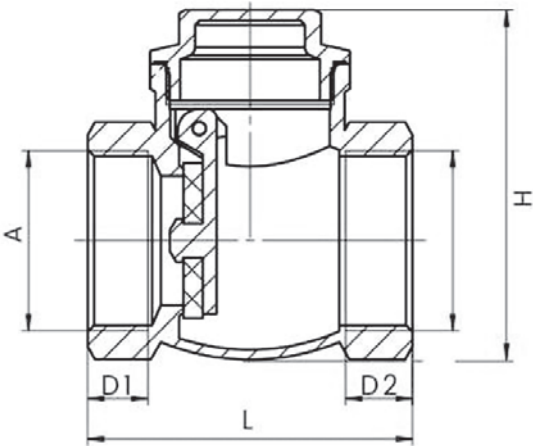
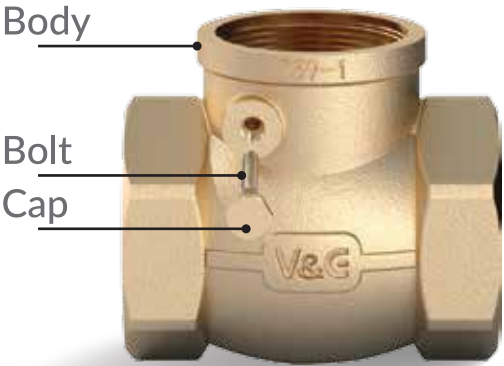
3

PTFE

Sealed design, no water leakage

TECHNICAL DRAWING :

COMPONENT
BREAKDOWN



SIZE	A	L	D1	D2	H	Weight(g)
1/2"	G 1/2	49	12.5	12.5	47.5	141
3/4"	G 3/4	53.5	13.5	13	55.2	205
1"	G 1	53.5	15	15	66	350
1 1/4"	G 1 1/4	75.5	14	15.5	81.1	581
1 1/2"	G 1 1/2	85	14	15	16.5	874
2"	G 2	93.5	15	17	109.5	1253



MAGNETIC LOCKABLE
BALL VALVE

TECHNICAL DATA SHEET

MAGNETIC LOCKABLE BALL VALVE

Magnetic Lockable Ball Valve are highly valued for their reliability, durability, and efficiency. These valves play a critical role in managing water flow in both residential and commercial water systems. here are the key features and uses of Magnetic Lockable Ball Valve in water networks



APPLICATIONS



House connection

USES

MAKING SERVICE CONNECTIONS TO MAINS PIPES

- Water Flow Control: magnetic lockable ball valve are commonly used to control the flow of water within different sections of the water network, providing precise control over water distribution.
- Isolation for Maintenance: These valves are often installed to isolate sections of the pipeline for maintenance or repairs without shutting down the entire water supply system.
- Pressure Management: In high-pressure water systems, magnetic lockable ball valve help regulate water pressure and prevent damage to pipelines or other infrastructure.
- Water Distribution Points: They are used at key points in water distribution networks, allowing for easy regulation and direction of water flow to different areas or buildings.
- Hot and Cold Water Systems: magnetic lockable ball valve are used in both hot and cold water applications, including domestic plumbing systems and industrial water heating systems.

- Their robust design, ability to withstand harsh conditions, and ease of use make brass ball valves an essential component in the water distribution sector.

DESIGN OF VALVE

- Suitable for installation in:
- & distribution network for drinking water
 - & Piping water system & connect with water meter
 - Full bore
 - Working pressure: PN16
 - Certificate: CE

SIZE (F * F) :

1/2" x 1/2"	(15mm)
3/4" x 3/4"	(20mm)
1" x 1"	(25mm)
1 1/4" x 1 1/4"	(32mm)
1 1/2" x 1 1/2"	(40mm)
2" x 2"	(50mm)

MATERIAL :

Gunmetal to EN 13828:1991 (Grade CC491K-LG2)

PRESSURE (EN 12266-1/2) :

Working Pressure : 16 BAR
Working Pressure : 25 BAR
Working Pressure : 30 BAR

TECHNICAL DRAWING :

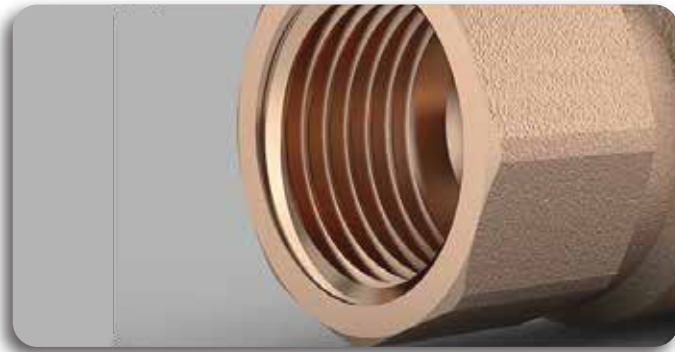
DETAILS



1

Magneric Lock

humanized and anti-theft design



2

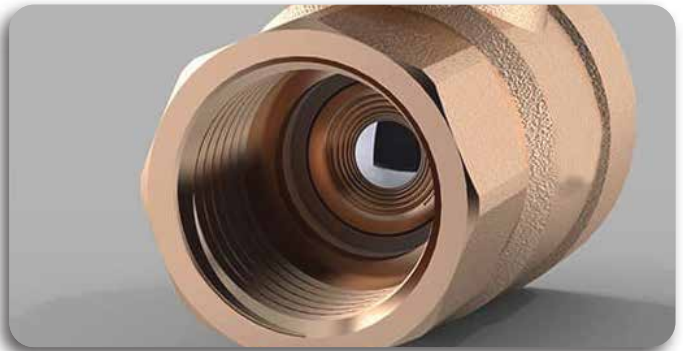
Smooth Turnbuckle

Quick and easy installation

3

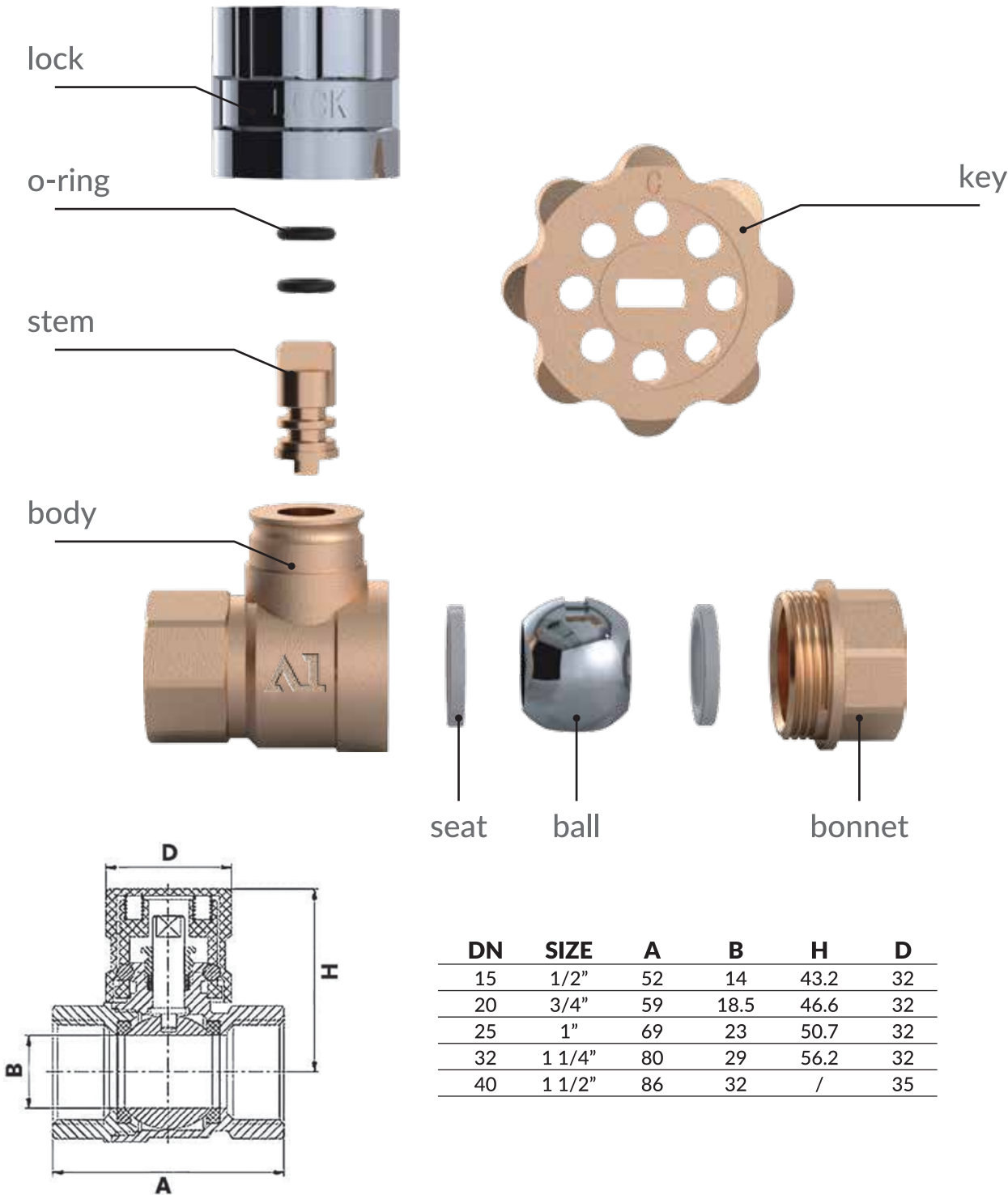
Ball Valve

Quick and easy ON/OFF



TECHNICAL DRAWING :

COMPONENT
BREAKDOWN





**PUSHFIT COMPRESSION
PE FITTINGS 25 BARS**

REFERENCE STANDARDS

Production of the A1 Jordan compression fittings is carried out according to the highest quality standards and in full compliance with the environmental restrictions set by the applicable laws in force and in accordance with **ISO 14001**.

All products are made in accordance with the quality guarantee system in compliance with **ISO 9001**.

- **UNI 9561**

Pipe and fittings in thermoplastic material, compression fitting mechanical jointing for PE pipe pressure

- **ISO 17885**

Plastic piping systems - Mechanical fittings for pressure piping systems specifications

- **ISO 7**

Fittings with pressure-tight threaded joints

- **UNI EN 12201**

Plastics piping systems for water supply, and for drainage and sewerage under pressure - Polyethylene

- **EN 2/1-10226**

Pipe threads where pressure tight joints are made on the threads. Part 2: Taper external threads and taper internal threads - Dimensions, tolerances and designation

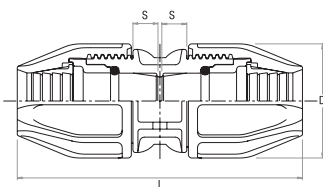
- **ISO 4427**

PE pipe system for water supply

COMPRESSION FITTINGS

A1 Jordan PP compression fittings are joints for PE pipes dedicated to water adduction systems. They can be used in drinking water systems.

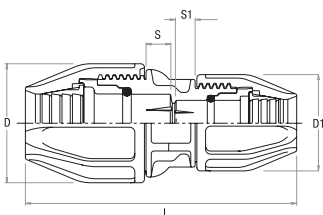
Technical specifications	
Size range	d 25 ÷ d 63 (mm)
Nominal pressure	PN16 with water at 20 °C from d 20 (mm) to d 63 (mm).
Temperature range	0 °C ÷ 60 °C
Reference standards	A1 Jordan compression fitting is manufactured in compliance with the requirements of standards UNI 9561, ISO 17885. The joints can be installed on PE pipes which are in compliance with standards ISO 4427, UNI EN 12201. The threaded versions are manufactured in compliance with standard ISO 1-7.
Fitting material	Body and nut in polypropylene black co-polymer, clinching ring in white POM resin.
Seal material	O-ring in NBR or EPDM.



COUPLING

Double ended quick release coupling

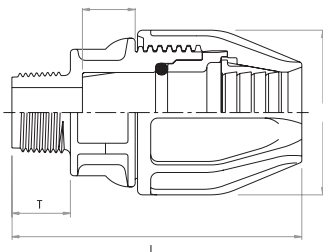
SIZE	CODE	DIMENSIONS MM			PN
		L	H	E	BAR
20	C 1001	46	94	44	25
25	C 1002	52	105	52	25
32	C 1003	63	130	63	25
63	C 1004	100	210	108	25



REDUCING COUPLING

Double ended quick release coupling, one end reduced

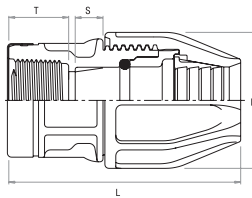
SIZE	CODE	DIMENSIONS MM					PN
		L	H	E	L1	E1	BAR
25X20	RC 1001	52	120	52	46	44	25
32X20	RC 1002	63	147	63	46	44	25
32X25	RC 1003	63	147	63	52	52	25
63X25	RC 1004	102	270	108	52	52	25
63X32	RC 1005	102	270	108	63	63	25



THREADED MALE ADAPTOR

Single ended quick release coupling, one end male BSP threaded

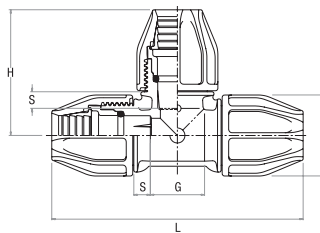
SIZE	CODE	DIMENSIONS MM				PN
		L	H	E	L1	BAR
20 x ½	MA 1001	46	73	44	16	25
20 x ¾	MA 1002	46	74	44	17	25
20 x 1	MA 1003	46	77	44	20	25
25 x ½	MA 1004	52	80	52	16	25
25 x ¾	MA 1005	52	81	52	17	25
25 x 1	MA 1006	52	84	52	20	25
32 x ½	MA 1007	70	87	63	16	25
32 x ¾	MA 1008	70	92	63	17	25
32 x 1	MA 1009	70	95	63	20	25
63 x 1½	MA 1010	100	141	108	28	25
63 x 2	MA 1011	100	145	108	32	25



FEMALE ADAPTOR

Single ended quick release coupling, one end female BSP threaded

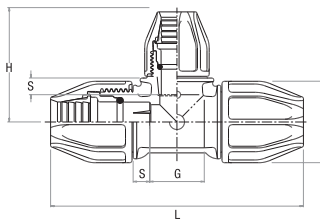
SIZE	CODE	DIMENSIONS MM				PN
		L	H	E	L1	BAR
20 x ½	MA 1001	46	73	44	16	25
20 x ¾	MA 1002	46	74	44	17	25
20 x 1	MA 1003	46	77	44	20	25
25 x ½	MA 1004	52	80	52	16	25
25 x ¾	MA 1005	52	81	52	17	25
25 x 1	MA 1006	52	84	52	20	25
32 x ½	MA 1007	70	87	63	16	25
32 x ¾	MA 1008	70	92	63	17	25
32 x 1	MA 1009	70	95	63	20	25
63 x 1½	MA 1010	100	141	108	28	25
63 x 2	MA 1011	100	145	108	32	25



90° TEE

All connections quick release

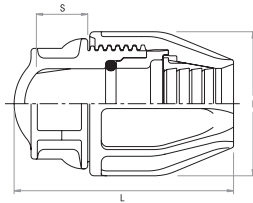
SIZE	CODE	DIMENSIONS MM			PN
		L	H	E	BAR
20	T 1001	46	120	44	25
25	T 1002	52	145	52	25
32	T 1003	63	167	63	25
63	T 1004	102	290	108	25



90° TEE REDUCED

All connections quick release, one end reduced

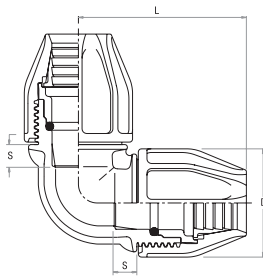
SIZE	CODE	DIMENSIONS MM					PN
		L	H	E	L1	E1	BAR
25 x 20 x 25	TR 1001	52	145	52	46	44	25
32 x 20 x 32	TR 1002	63	167	63	46	44	25
32 x 25 x 32	TR 1003	63	167	63	52	52	25
63 x 25 x 63	TR 1004	102	290	108	52	52	25
63 x 32 x 63	TR 1005	102	290	108	63	63	25



END CAP

Single ended quick release coupling

SIZE	CODE	DIMENSIONS MM			PN
		L	H	E	BAR
20	EC 1001	48	57	44	25
25	EC 1002	57	65	52	25
32	EC 1003	70	78	63	25
63	EC 1004	115	127	108	25



90° ELBOW

Double ended quick release coupling

SIZE	CODE	DIMENSIONS MM			PN
		L	H	E	BAR
20	E 1001	46	64	44	25
25	E 1002	52	74	52	25
32	E 1003	63	102	63	25
63	E 1004	100	163	108	25

COMPRESSION FITTINGS



| DESCRIPTION

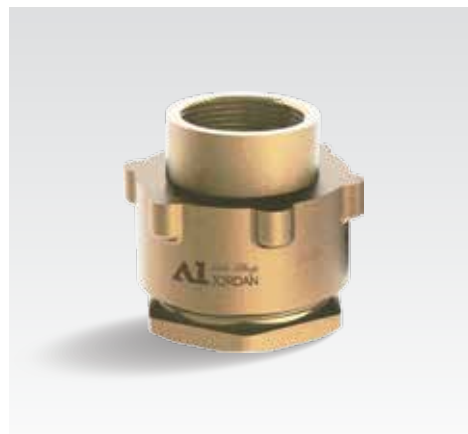
Poly X Threaded Gunmetal Female Adaptor
Compression Type

| MATERIAL

Fully Gunmetal Bronze to BS 1400 Grade LG2 (BS EN 1982 Grade CC491K)

| SIZES & DIMENSIONS

1/2" x 20mm	1.1/4" x 40mm
3/4" x 25mm	1.1/2" x 50mm
1" x 32mm	2" x 63mm



2200-1

| DESCRIPTION

Poly X Threaded Gunmetal Male Adaptor
Compression Type

| MATERIAL

Fully Gunmetal Bronze to BS 1400 Grade LG2 (BS EN 1982 Grade CC491K)

| SIZES & DIMENSIONS

1/2" BSPT x 20mm	1.1/4" BSPT x 40mm
3/4" BSPT x 25mm	1.1/2" BSPT x 50mm
1" BSPT x 32mm	2" BSPT x 63mm



2200-2

| DESCRIPTION

Poly x Poly Gunmetal Connectors
Compression Type

| MATERIAL

Fully Gunmetal Bronze to BS 1400 Grade LG2 (BS EN 1982 Grade CC491K)

| SIZES & DIMENSIONS

20mm x 20mm	40mm x 40mm
25mm x 25mm	50mm x 50mm
32mm x 32mm	63mm x 63mm



2200-3

| DESCRIPTION

Poly x Poly Gunmetal Reducing Connector
Compression Type

| MATERIAL

Fully Gunmetal Bronze to BS 1400 Grade LG2 (BS EN 1982 Grade CC491K)

| SIZES & DIMENSIONS

25mm x 20mm	50mm x 25mm	63mm x 32mm
32mm x 20mm	50mm x 32mm	63mm x 50mm
32mm x 25mm	63mm x 20mm	
50mm x 20mm	63mm x 25mm	



2200-4

| DESCRIPTION

Gunmetal Compression Elbow
Compression Type

| MATERIAL

Fully Gunmetal Bronze to BS 1400 Grade LG2 (BS EN 1982 Grade CC491K)

| SIZES & DIMENSIONS

20mm x 20mm	40mm x 40mm
25mm x 25mm	50mm x 50mm
32mm x 32mm	63mm x 63mm

**2200-5****| DESCRIPTION**

Gunmetal Threaded Elbow
Compression Type

| MATERIAL

Fully Gunmetal Bronze to BS 1400 Grade LG2 (BS EN 1982 Grade CC491K)

| SIZES & DIMENSIONS

1/2" BSPT x 1/2" BSPT	1.1/4" BSPT x 1.1/4" BSPT
3/4" BSPT x 3/4" BSPT	1.1/2" BSPT x 1.1/2" BSPT
1" BSPT x 1" BSPT	2" BSPT x 2" BSPT

**2200-6****| DESCRIPTION**

Gunmetal Equal Tee
Compression Type

| MATERIAL

Fully Gunmetal Bronze to BS 1400 Grade LG2 (BS EN 1982 Grade CC491K)

| SIZES & DIMENSIONS

1/2" (20mm) x 1/2" (20mm) x 1/2" (20mm)	1.1/4" (40mm) x 1.1/4" (40mm) x 1.1/4" (40mm)
3/4" (25mm) x 3/4" (25mm) x 3/4" (25mm)	1.1/2" (50mm) x 1.1/2" (50mm) x 1.1/2" (50mm)
1" (32mm) x 1" (32mm) x 1" (32mm)	2" (63mm) x 2" (63mm) x 2" (63mm)

**2200-7****| DESCRIPTION**

Gunmetal Unequal Tee
Compression Type

| MATERIAL

Fully Gunmetal Bronze to BS 1400 Grade LG2 (BS EN 1982 Grade CC491K)

| SIZES & DIMENSIONS

3/4" (25mm) x 3/4" (25mm) x 1/2" (20mm)	1.1/2" (50mm) x 1.1/2" (50mm) x 1" (32mm)
1" (32mm) x 1" (32mm) x 1/2" (20mm)	2" (63mm) x 2" (63mm) x 1/2" (20mm)
1" (32mm) x 1" (32mm) x 3/4" (25mm)	2" (63mm) x 2" (63mm) x 3/4" (25mm)
1.1/2" (50mm) x 1.1/2" (50mm) x 1/2" (20mm)	2" (63mm) x 2" (63mm) x 1" (32mm)
1.1/2" (50mm) x 1.1/2" (50mm) x 3/4" (25mm)	2" (63mm) x 2" (63mm) x 1.1/2" (50mm)

**2200-8**

| DESCRIPTION

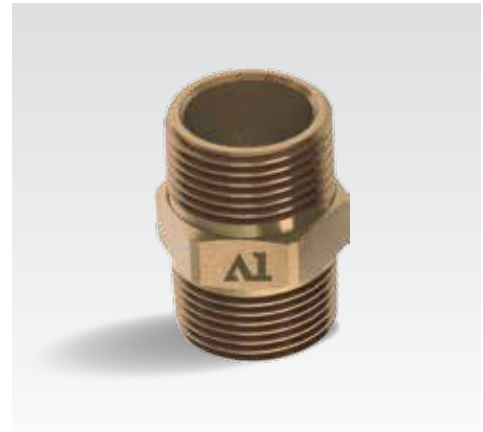
Gunmetal Equal Hexagonal Nipple
Compression Type

| MATERIAL

Fully Gunmetal Bronze to BS 1400 Grade LG2 (BS EN 1982 Grade CC491K)

| SIZES & DIMENSIONS

1/2" BSPT x 1/2" BSPT	1.1/4" BSPT x 1.1/4" BSPT
3/4" BSPT x 3/4" BSPT	1.1/2" BSPT x 1.1/2" BSPT
1" BSPT x 1" BSPT	2" BSPT x 2" BSPT



2200-9

| DESCRIPTION

Gunmetal Reducing Hexagonal Nipple
Compression Type

| MATERIAL

Fully Gunmetal Bronze to BS 1400 Grade LG2 (BS EN 1982 Grade CC491K)

| SIZES & DIMENSIONS

3/4" BSPT x 1/2" BSPT	1.1/2" BSPT x 1" BSPT
1" BSPT x 1/2" BSPT	1.1/2" BSPT x 1.1/4" BSPT
1" BSPT x 3/4" BSPT	2" BSPT x 1" BSPT
1.1/4" BSPT x 3/4" BSPT	2" BSPT x 1.1/4" BSPT
1.1/4" BSPT x 1" BSPT	2" BSPT x 1.1/2" BSPT



2200-10

| DESCRIPTION

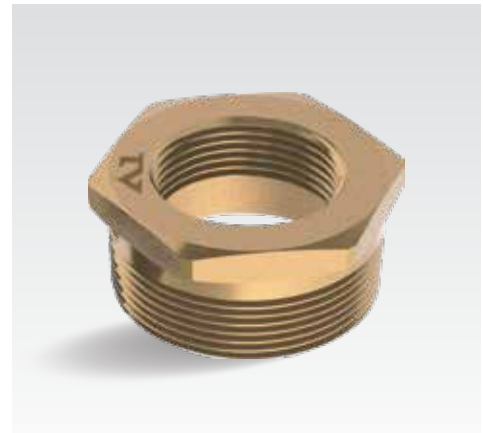
Gunmetal Hexagonal Reducing Bushes
Compression Type

| MATERIAL

Fully Gunmetal Bronze to BS 1400 Grade LG2 (BS EN 1982 Grade CC491K)

| SIZES & DIMENSIONS

3/4" BSPT x 1/2" BSPT	1.1/4" BSPT x 1" BSPT	2" BSPT x 1/2" BSPT
1" BSPT x 3/4" BSPT	1.1/2" BSPT x 1/2" BSPT	2" BSPT x 3/4" BSPT
1" BSPT x 1/2" BSPT	1.1/2" BSPT x 3/4" BSPT	2" BSPT x 1" BSPT
1.1/4" BSPT x 1/2" BSPT	1.1/2" BSPT x 1" BSPT	2" BSPT x 1.1/4" BSPT
1.1/4" BSPT x 3/4" BSPT	1.1/2" BSPT x 1.1/4" BSPT	2" BSPT x 1.1/2" BSPT



2200-11

| DESCRIPTION

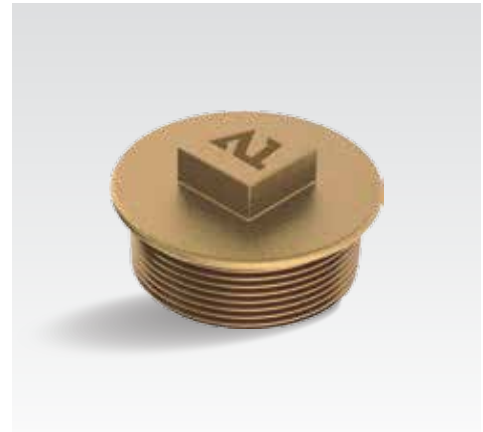
Gunmetal Standard Plug
Compression Type

| MATERIAL

Fully Gunmetal Bronze to BS 1400 Grade LG2 (BS EN 1982 Grade CC491K)

| SIZES & DIMENSIONS

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



2200-12

| DESCRIPTION

Gunmetal Equal Socket
Compression Type

| MATERIAL

Fully Gunmetal Bronze to BS 1400 Grade LG2 (BS EN 1982 Grade CC491K)

| SIZES & DIMENSIONS

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



2200-13

| DESCRIPTION

Gunmetal Reducing Socket
Compression Type

| MATERIAL

Fully Gunmetal Bronze to BS 1400 Grade LG2 (BS EN 1982 Grade CC491K)

| SIZES & DIMENSIONS

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



2200-14

| DESCRIPTION

Gunmetal Screwdown Pattern Swivel Balancing Ferrule
Compression Type

| MATERIAL

Fully Gunmetal Bronze to BS 1400 Grade LG2 (BS EN 1982 Grade CC491K)

| SIZES & DIMENSIONS

1/2" BSPT x 20mm outlet	1.1/4" BSPT x 40mm outlet
3/4" BSPT x 25mm outlet	1.1/2" x 50mm outlet
1" BSPT x 32mm outlet	2" x 63mm outlet



3820 CO

PRODUCTS REFERENCE

DESCRIPTION

Gunmetal Standard Pattern Swivel Balancing Ferrule

Pushfit Type

MATERIAL

Fully Gunmetal Bronze to BS 1400 Grade LG2 (BS EN 1982 Grade CC491K)

SIZES & DIMENSIONS

1/2" BSPT x 20mm outlet	1.1/4" BSPT x 40mm outlet
3/4" BSPT x 25mm outlet	1.1/2" x 50mm outlet
1" BSPT x 32mm outlet	2" x 63mm outlet



3820 AS

DESCRIPTION

Gunmetal Screwdown Pattern Swivel Balancing Ferrule

Pushfit Type

MATERIAL

Fully Gunmetal Bronze to BS 1400 Grade LG2 (BS EN 1982 Grade CC491K)

SIZES & DIMENSIONS

1/2" BSPT x 20mm outlet	1.1/2" x 50mm outlet
3/4" BSPT x 25mm outlet	2" x 63mm outlet
1" BSPT x 32mm outlet	1" BSPT x 1" outlet
1.1/4" BSPT x 40mm outlet	



3820 A

DESCRIPTION

Gunmetal Screwdown Pattern Swivel Balancing Ferrule

Compression Type

MATERIAL

Fully Gunmetal Bronze to BS 1400 Grade LG2 (BS EN 1982 Grade CC491K)

SIZES & DIMENSIONS

1/2" BSPT x 20mm outlet	1.1/4" BSPT x 40mm outlet
3/4" BSPT x 25mm outlet	1.1/2" x 50mm outlet
1" BSPT x 32mm outlet	2" x 63mm outlet



3820 CO

DESCRIPTION

Gunmetal Saddles to suit AC Pipes

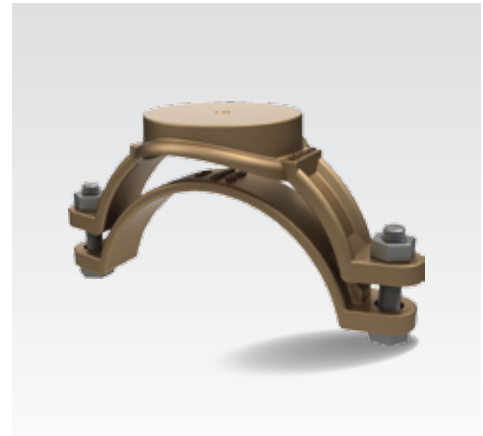
available untapped and can be supplied drilled and tapped according to the Client's requirements from 1/2" up to 2"

MATERIAL

Gunmetal Bronze to BS 1400 Grade LG2 (BS EN 1982 grade CC491K), Bolts & Nuts Stainless Steel Grade A4 (AISI 316)

SIZES & DIMENSIONS

DN of AC pipe (in mm):
75, 80, 100, 125, 150, 200, 225, 250, 300, 350, 400, 450, 500



3751 AC

DESCRIPTION

Gunmetal Saddles to suit DI, PE & GRE Pipes

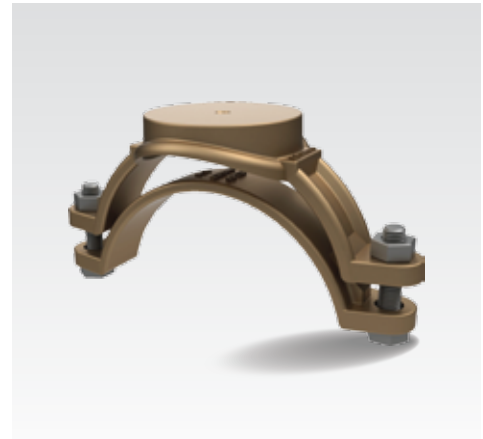
available untapped and can be supplied drilled and tapped according to the Client's requirements from 1/2" up to 2"

MATERIAL

Gunmetal Bronze to BS 1400 Grade LG2 (BS EN 1982 Grade CC491K), Bolts & Nuts Stainless Steel Grade A4 (AISI 316)

SIZES & DIMENSIONS

DN of DI, PE & GRE pipe (in mm):
75, 80, 100, 125, 150, 200, 250, 300, 350, 400, 450, 500



3761

DESCRIPTION

Gunmetal Stopcock with Crutch Head

according to BS 1010, Female Threaded (BSP to BS 21)

MATERIAL

Gunmetal Bronze to BS 1400 Grade LG2 (BS EN 1982 Grade CC491K), Crutch & Stem in Brass

SIZES & DIMENSIONS

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



1070

DESCRIPTION

Gunmetal Lockable Stopcock

with Key according to BS 1010, Female Threaded (BSP to BS 21)

MATERIAL

Fully Gunmetal Bronze to BS 1400 Grade LG2 (BS EN 1982 Grade CC491K)

SIZES & DIMENSIONS

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



3930

DESCRIPTION

Gunmetal Stopcock for Connecting P.E. with P.E. Pipes

Pushfit Type (Supplied with Square or Crutch head)

MATERIAL

Fully Gunmetal Bronze to BS 1400 Grade LG2 (BS EN 1982 Grade CC491K)

SIZES & DIMENSIONS

20mm	40mm
25mm	50mm
32mm	63mm



2510 B

DESCRIPTION

Gunmetal Stopcock with Crutch Head

Double Compression Ends for connecting PE Pipes, Compression Type

MATERIAL

Fully Gunmetal Bronze to BS 1400 Grade LG2 (BS EN 1982 Grade CC491K)

SIZES & DIMENSIONS

20mm	40mm
25mm	50mm
32mm	63mm



2510 C

DESCRIPTION

Forged Brass Gate Valve

with Female Threaded Ends, (BSP to BS 21)

MATERIAL

Brass to BS 5154:1991 (BS 2874)

SIZES & DIMENSIONS

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



1070

DESCRIPTION

Gunmetal Gate Valve

To BS 5154 with Female Threaded Ends, (BSP to BS 21)

MATERIAL

Gunmetal Bronze to BS 1400 Grade LG2 (BS EN 1982 Grade CC491K)

SIZES & DIMENSIONS

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



1080

DESCRIPTION

Gunmetal Self Tapping Ferrule Strap

Pushfit Type

MATERIAL

Gunmetal Bronze to BS 1400 Grade LG2 (BS EN 1982 Grade CC491K),

SIZES & DIMENSIONS

63 x 25mm, 63 x 32mm
 90 x 25mm, 90 x 32mm
 110 x 25mm, 110 x 32mm, 110 x 50mm
 160 x 25mm, 160 x 32mm, 160 x 50mm
 225 x 25mm, 225 x 32mm, 225 x 50mm



3750 ST

DESCRIPTION

Gunmetal Fittings

such as Equal Tees, Reducer Tees, Reducers, Elbows and others, Compression or Pushfit Type

MATERIAL

Fully Gunmetal Bronze to BS 1400 Grade LG2 (BS EN 1982 Grade CC491K)

SIZES & DIMENSIONS

From 1/2" up to 2"



9000

DESCRIPTION

Poly X Threaded Gunmetal Female Adaptor

Compression Type

MATERIAL

Fully Gunmetal Bronze to BS 1400 Grade LG2 (BS EN 1982 Grade CC491K)

SIZES & DIMENSIONS

1/2" x 20mm

3/4" x 25mm

1" x 32mm

1.1/4" x 40mm

1.1/2" x 50mm

2" x 63mm



2200-1

DESCRIPTION

Poly X Threaded Gunmetal Male Adaptor

Compression Type

MATERIAL

Fully Gunmetal Bronze to BS 1400 Grade LG2 (BS EN 1982 Grade CC491K)

SIZES & DIMENSIONS

1/2" BSPT x 20mm

3/4" BSPT x 25mm

1" BSPT x 32mm

1.1/4" BSPT x 40mm

1.1/2" BSPT x 50mm

2" BSPT x 63mm



2200-2

DESCRIPTION

Gunmetal Male Adaptor

Pushfit Type

MATERIAL

Fully Gunmetal Bronze to BS 1400 Grade LG2 (BS EN 1982 Grade CC491K)

SIZES & DIMENSIONS

1/2" BSPT x 20mm

3/4" BSPT x 25mm

1" BSPT x 32mm

1.1/4" BSPT x 40mm

1.1/2" BSPT x 50mm

2" BSPT x 63mm

1/2" BSPT x 32mm



2110 A

| DESCRIPTION

Forged Lockable Brass Gate Valve
with Female Threaded Ends, (BSP to BS 21)

| MATERIAL

Brass to BS 5154:1991 (BS 2874)

| SIZES & DIMENSIONS

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



2510 LC

| DESCRIPTION

Gunmetal Strainer
with Female Threaded Ends, (BSP to BS 21)

| MATERIAL

Gunmetal to BS EN1982- LG2

| SIZES & | SIZES & DIMENSIONS

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



2511 GS

| DESCRIPTION

Gunmetal Swing Check Valve
with Female Threaded Ends, (BSP to BS 21)

| MATERIAL

Gunmetal to BS EN1982- LG2

| SIZES & DIMENSIONS

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



2510 GBV

| DESCRIPTION

Forged Brass Ball Valve
with Female Threaded Ends, (BSP to BS 21)

| MATERIAL

Brass to EN 13828:1991 (Grade CW617N)

| SIZES & DIMENSIONS

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



3511 BBV

| DESCRIPTION

Forged Brass Strainer
with Female Threaded Ends, (BSP to BS 21)

| MATERIAL

Brass to BS 5154:1991 (BS 2874)

| SIZES & | SIZES & DIMENSIONS

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



2511 BS

| DESCRIPTION

Forged Brass Swing Check Valve
with Female Threaded Ends, (BSP to BS 21)

| MATERIAL

Brass to BS 5154:1991 (BS 2874)

| SIZES & DIMENSIONS

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

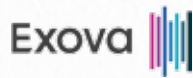


2510 BV

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