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C o n n e c t i n g W a t e r



PLAST

PP COMPRESSION FITTINGS AND VALVES FOR PE PIPES

ACCESORIOS DE COMPRESIÓN Y VÁLVULAS DE PP PARA TUBERÍAS DE PE



Information / Información

PLAST are mechanical splice compression fittings. Splicing occurs through external compression of a ring at the outside wall of the polyethylene pipe. They are designed for PN10 and PN16 pressure, depending on diameter. Because they come into contact with water, PLAST fittings are compliant with applicable international standards and contain no toxic additives.

The PLAST material is manufactured in 100% PP-B, providing it with superior hydraulic and mechanical properties over other PP generations, while passing all necessary testing for use in all kinds of drinking water networks. These tests are based on international standard ISO 17885

Some examples of approved tests are (*):

Of material / Value MRS - ISO 9080 - ISO12162 - ISO1167
Internal pressure resistance - ISO12092
Internal pressure with curvature - ISO3503
Tensile strength - ISO3051
Indoor vacuum sealing - ISO3459
Long-term pressure test - ISO1167

(*) You can consult our Technical Dossier where you will check the results of the tests described.

PLAST son accesorios de compresión de empalme mecánico. El empalme se realiza mediante la compresión externa de un aro a la pared externa de la tubería de PE. Están diseñados para una presión de PN 10 y PN16, según diámetro. Al estar en contacto con el agua, PLAST está conforme a las normas internacionales donde son aplicables y no contiene aditivos tóxicos.

El material PLAST está íntegramente fabricado en PP-B lo que le confiere unas características hidráulicas y mecánicas muy superiores a otras generaciones de PP ha superado las pruebas y ensayos necesarios para poder utilizar estos accesorios en la canalización de redes potables de todo tipo. Estas pruebas están basadas en la norma ISO 17885.

Algunos ejemplos de tests/ensayos superados son (*):

De material / Valor MRS - ISO 9080 - ISO12162 - ISO1167
Resistencia presión interna - ISO12092
Presión interna con curvatura - ISO3503
Resistencia a la tracción - ISO3051
Estanqueidad bajo vacío interior - ISO3459
Prueba de presión a largo plazo - ISO1167

(*) Pueden consultar nuestro Dossier Técnico donde comprobarán los resultados de las pruebas descritas.

T-PLAST

PP COMPRESSION FITTINGS AND VALVES FOR TRANSITIONS

ACCESORIOS DE COMPRESIÓN
Y VÁLVULAS DE PP PARA TRANSICIONES



Information / Información

The advantages of the T-Plast fittings, combine with the versatility of the WRAS KIT that adapts to any type of material up to diameter 50mm-1 ½ " and a working pressure up to PN16 (Lead PN10).

All this makes it an indispensable accessory in water supply companies for renovation and maintenance of the pipelines.

With few elements of simple application, the majority of repairs can be performed without knowing previously the condition of the pipe, with the consequent saving of time and money.

A las ventajas de los accesorios T-PLAST, se une la versatilidad del KIT WRAS que se adapta a cualquier tipo de material hasta 50mm-1 ½" y una presión de hasta PN16 (Plomo PN10).

Todo ello lo convierte en un accesorio indispensable en compañías de agua para operaciones de renovación y mantenimiento de tuberías.

Con pocos elementos de simple aplicación, se pueden realizar la mayoría de intervenciones sin necesidad de conocer la situación previa, con el consiguiente ahorro de tiempo y dinero.

Shapes / Figuras

VALVES

Compression PE- Universal, universal compression-BSP/NPT thread (female or male).

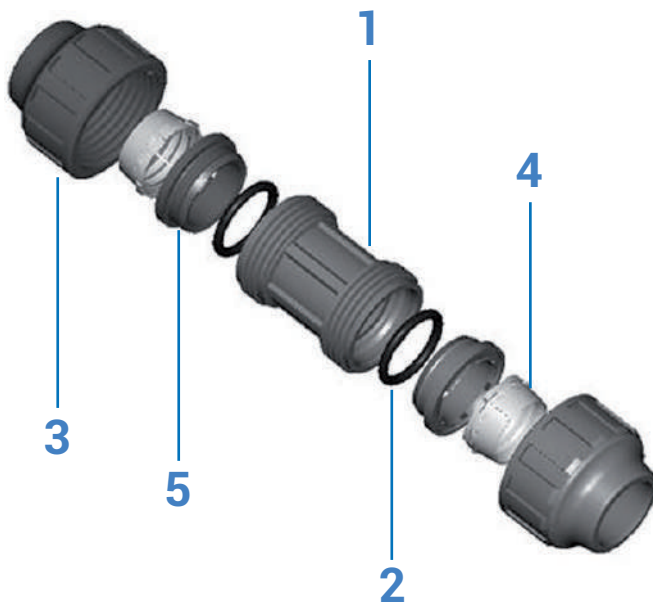


VÁLVULAS

Compresión PE- Universal, compresión Universal-Rosca BSP/NPT (hembra o macho).



Materials / Materiales



1. Body and nut / Cuerpo y tuerca :
Polypropylene / Polipropileno

2. O-ring / Juntas tóricas :
Rubber / Caucho

3. Compression ring / Casquillo de apriete :
Polypropylene / Polipropileno

4. Grip ring / Bicono de agarre :
Polyacetal Resin / Resina acetálica

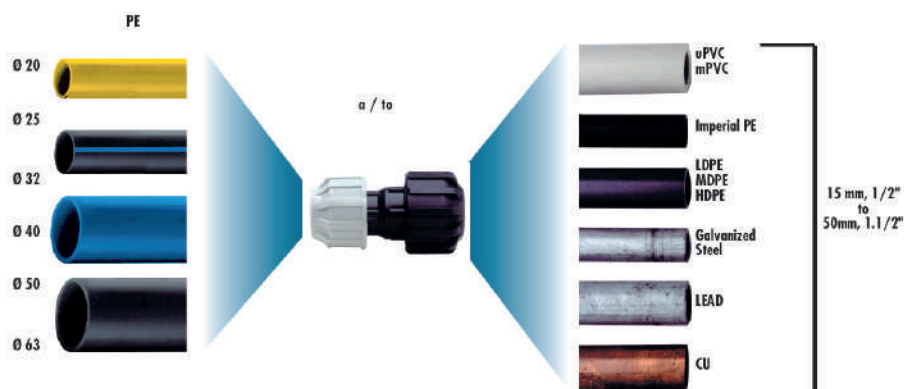
5. Nut / Tuerca: Polypropylene / Polipropileno

INFO: All female threaded parts are reinforced with metal ring in stainless steel./ Todas las piezas rosca hembra van reforzadas con aro metálico en acero inoxidable.

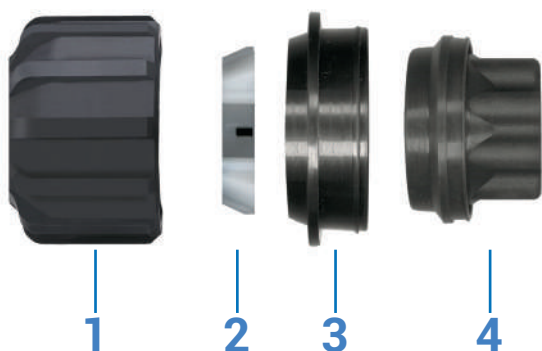
Materials / Materiales

ANY METALIC OR PLASTIC PIPE (15MM – ½" – 50MM – 1 ½")

UNIÓN DE CUALQUIER TUBERÍA METÁLICA O DE PLÁSTICO (15mm - ½" a 50 mm - 1 ½")



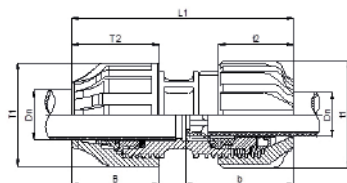
Universal kit pn16 (Lead pn10) / Kit universal pn16 (Plomo pn10)



Component / Componente	Material
1 Compression Nut / Tuerca de compresión	polypropilene / polipropileno
2 Slip ring / Bicono universal	polyacetal resin / resina acetálica
3 Compression ring / Casquillo	polypropilene / polipropileno
4 Universal ruber / Junta universal	rubber / caucho

Fittings & valves / Accesorios y valvulas

Mesured in mm / Medidas en mm



**UNIVERSAL TRANSITION COUPLING /
MANGUITO TRANSICION UNIVERSAL**

CODE	Dn	dn	L1 (max/min)	T1	T2	B	t1	t2	b (max)
ST716016	16	15-21 (3/8"-1/2")	109,5/116,5	47	40,2	51	55	44	58
ST716020	20	15-21 (3/8"-1/2")	109,5/116,5				55	44	58
ST716025	25	15-21 (3/8"-1/2")	115,5/122,5	54	46	57	55	44	58
ST716032	32	15-21 (3/8"-1/2")	118,5/125,5	64,5	49	61	55	44	58
ST716040	40	15-21 (3/8"-1/2")	134,5/141,5	80	58	76	55	44	58
ST717020	20	21-27 (1/2"- 3/4")	112,0/119,5	47	40,2	51	64,5	49	61
ST717025	25	21-27 (1/2"- 3/4")	134,0/141,5	54	46	57	64,5	49	61
ST717032	32	21-27 (1/2"- 3/4")	123,0/130,5	64,5	49	61	64,5	49	61
ST717040	40	21-27 (1/2"- 3/4")	144,0/151,5	80	58	76	64,5	49	61
ST717050	50	21-27 (1/2"- 3/4")	152,5/160	94	70	92	64,5	49	61
ST718025	25	27-35 (3/4 - 1")	124,0/138,5	54	46	57	80	55	74,5
ST718032	32	27-35 (3/4 - 1")	134,0/148,5	64,5	49	61	80	55	74,5
ST718040	40	27-35 (3/4 - 1")	144,0/158,5	80	58	76	80	55	74,5
ST718050	50	27-35 (3/4 - 1")	159,0/173,5	94	71	92	80	55	74,5
ST718063	63	27-35 (3/4 - 1")	180,0/194,5	117	86	103,5	80	55	74,5
ST719032	32	35-50(1 1/4"-1 1/2")	147,0/164,5	64,5	49	61	95	85	108
ST719040	40	35-50(1 1/4"-1 1/2")	163,5/181,0	80	58	76	95	85	108
ST719050	50	35-50(1 1/4"-1 1/2")	180,5/198,0	94	71	92	95	85	108
ST719063	63	35-50(1 1/4"-1 1/2")	195,0/212,5	117	86	103,5	95	85	108

UNITWIST

SUPERIOR HOT & COLD PLUMBING FITTINGS



AVAILABLE IN
15MM & 22MM



IN WALL, OUTDOOR
& UNDERGROUND



HIGH PRESSURE
SYSTEM



LOW THEFT RISK



HOT & COLD
WATER



STRONG & DURABLE
MATERIAL



CAN BE HAND
TIGHTEND



QUICK & EASY
TO USE



HOW IT WORKS

O-RING

When the o-ring is pushed down by the power spacer, it's forced to compress inwards against the pipe. Sealing all imperfections therefore making the perfect seal every time.

GRIP RING

When tightening the nut, the grip ring is forced in a downward direction. This action drives the power spacer onto the o-ring.



UNITWIST is a Hot and Cold high-pressure system.
Compatible with copper, Polycop and Pex.
It is completely reusable and requires absolutely no tools.



UNIT2000A
Coupler CxC
15mm



UNIT2000B
Coupler CxC
22mm



UNIT2000R
Red coupler CxC
15mm x 22mm



UNIT2001A
Coupler MxC
1/2" x 15mm



UNIT2001B
Coupler MxC
3/4" x 22mm



UNIT2001R
Red coupler MxC
3/4" x 15mm



UNIT2002A
Coupler FxC
1/2" x 15mm



UNIT2002B
Coupler FxC
3/4" x 22mm



UNIT2002R
Red coupler FxC
3/4" x 15mm



UNIT2005A
Stop end 15mm



UNIT2005B
Stop end 22mm



UNIT2020A
Elbow CxC 15mm



UNIT2020B
Elbow CxC 22mm



UNIT2020R
Red elbow CxC
15mm x 22mm



UNIT2021A
Elbow MxC
1/2" x 15mm



UNIT2021B
Elbow MxC
3/4" x 22mm



UNIT2021R
Red elbow MxC
3/4" x 15mm



UNIT2022A
Elbow FxC
1/2" x 15mm



UNIT2022B
Elbow FxC
3/4" x 22mm



UNIT2022R
Red elbow FxC
3/4" x 15mm



UNIT2024A
Wallplate elbow
FxC 1/2" x 15mm



UNIT2024B
Wallplate elbow
FxC 3/4" x 22mm



UNIT2040A
Tee CxCxC 15mm



UNIT2040B
Tee CxCxC 22mm



UNIT2041A
Tee CxCxF 15mm
x 15mm x 1/2"



UNIT2041B
Tee CxCxF 22mm
x 22mm x 3/4"



UNIT2043A
Red Tee CxCxC
22mm x 22mm x 15mm



UNIT2044R
Red Tee CxCxC
22mm x 15mm x 22mm



UNIT2045R
Red Tee CxCxC
15mm x 15mm x 22mm

JASWIC APPROVED

CLICKCLOSE

SUPERIOR PATENTED
SLIP CLUTCH GARDEN TAP

CLICKCLOSE is not just your ordinary plastic tap. With its unique patented technology, it's designed to click not break.

LOW
THEFT
RISK

15MM
& 22MM

HOT &
COLD
WATER



PC15BT
Garden Tap 1/2"



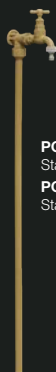
PC22BT
Garden Tap 3/4"



PCST15
Stop Tap 15mm



PCST22
Stop Tap 22mm



PC15SPE
Stand Pipe 15mm

PC22SPE
Stand Pipe 22mm



PC15PT-W
Pillar Tap 1/2"

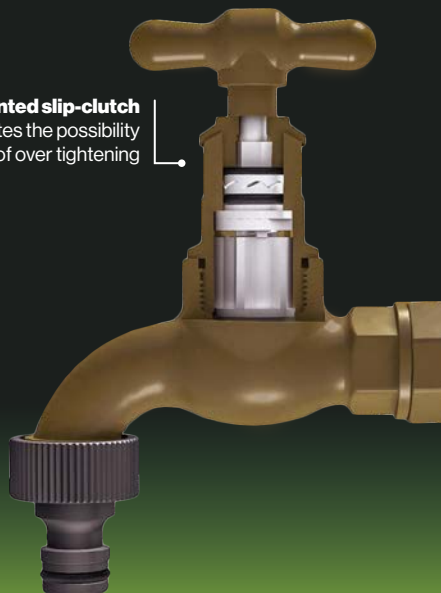


PC15BT-LW
Bib Tap 1/2"



PC15ST-SH
Shower Stop Tap 15mm

Patented slip-clutch
Eliminates the possibility
of over tightening



EASYBAT

STRONG AND SECURE
ONE PIECE BAT

EASYBAT is an innovative pipe clip which is moulded as a one piece component. With its secure on/off cap and hinge, EASYBAT is strong, secure, easy to use and eliminates the chance of any lost parts.



AVAILABLE IN
15MM, 22MM,
28MM & 50MM



STRONG & DURABLE
MATERIAL



QUICK & EASY
TO USE



ONE PIECE
COMPONENT



- HB15U - EASYBAT 15/16mm MONOGOLD
- HB22U - EASYBAT 20/22mm MONOGOLD



- GB15/16-T - EASYBAT 15/16 mm TERRACOTA
- GB20/22-T - EASYBAT 20/22mm TERRACOTA
- GB25/28-T - EASYBAT 25/28mm TERRACOTA
- GB50/54-T - EASYBAT 50/54mm TERRACOTA



- GB15/16-W - EASYBAT 15/16mm WHITE
- GB20/22-W - EASYBAT 20/22mm WHITE
- GB25/28-W - EASYBAT 25/28 mm WHITE
- GB50/54-W - EASYBAT 50/54mm WHITE

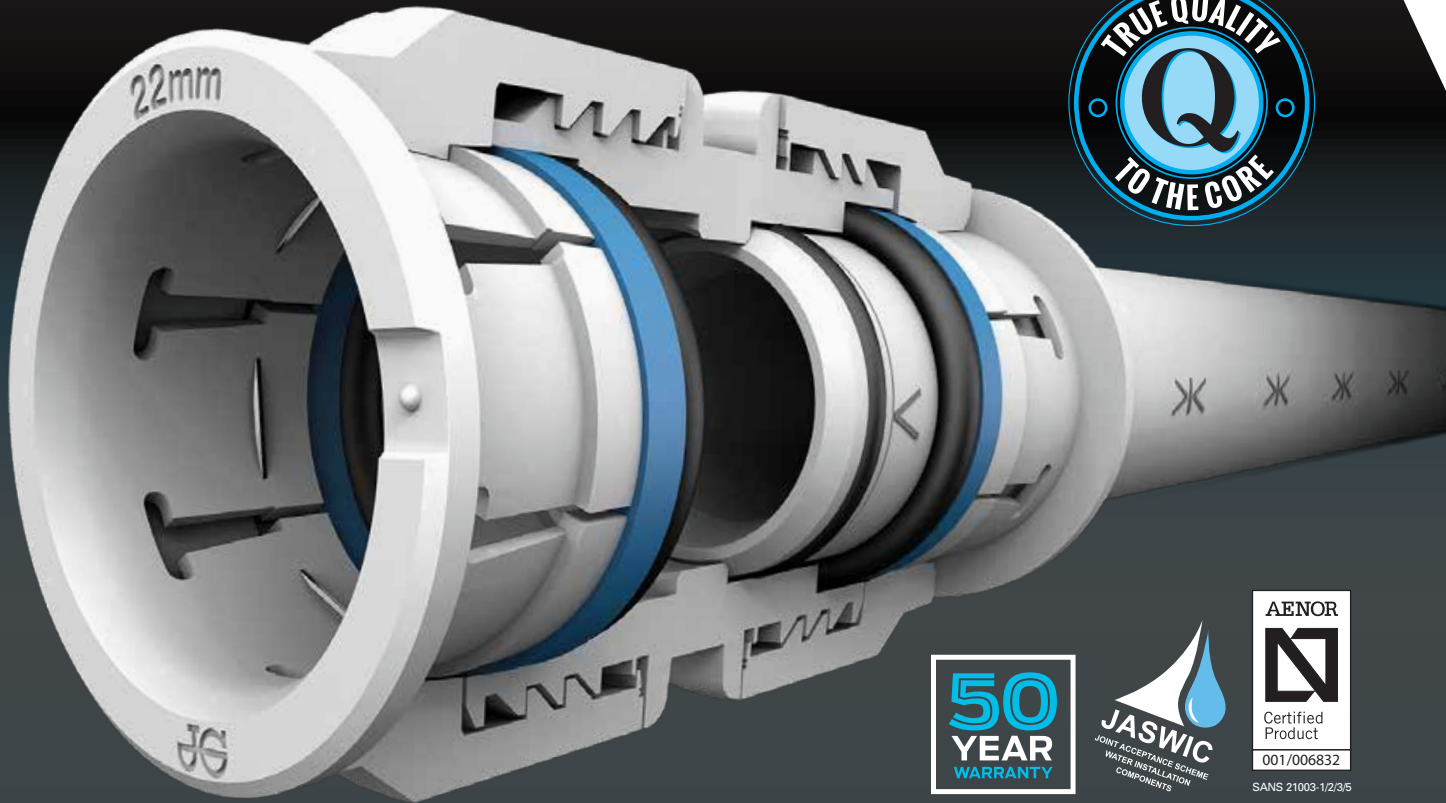




Speedfit®

The ultimate Push-fit Plumbing solution

Quick
Product
Guide



VALUE ADDED SERVICES

Experience our Smooth Onboarding Solution



FREE DESIGN & ESTIMATION

Let us cost optimize,
design & estimate
your next project



FREE PLUMBER TRAINING

Ensure your team are
the best Speedfit
Installers with
100% success



FREE ON-SITE SUPPORT

We monitor large
installations to ensure
best practice and no
returns to site



FREE HELPPDESK SUPPORT

Our expert Product
Consultants are at
hand for your
convenience

Plumbing Fittings

95° Maximum

Equal Straight Connector

Part No.	Size MM
PEM0415W	15
PEM0422W	22
PEM0428W	28

Reducing Straight Connector

Part No.	Size MM
PEM202215W	22 x 15

Equal Elbow

Part No.	Size MM
PEM0315W	15
PEM0322W	22
PEM0328W	28

Reducing Elbow

Part No.	Size MM
PEM212215W	22 x 15

Stem Elbow (Swivel Action)

Part No.	Size MM
PEM221515W	15 x 15
PEM222222W	22 x 22

Provides an instant swivel fitting so pipe can be orientated in any direction.

Equal Tee

Part No.	Size MM
PEM0215W	15
PEM0222W	22
PEM0228W	28

Wall Plate Elbow

Part No.	Size MM X BSP
15PWB	15mm x 1/2"

Hot and cold water only, 65° maximum.

Stop End

Part No.	Size MM
PSE4615W	15
PSE4622W	22
PSE4628W	28

Slip Connector

Part No.	Size MM
CM-SC-15S	15

Used for making repairs to damaged pipe. Hot and cold water only, 65° maximum.

Bent Tap Connector

Part No.	Size MM X BSP
PEMBTC1514	15mm x 1/2"

Sizes listed in the following order



Reducing Tee

Part No.	Size MM
PEM3022AW	22 x 22 x 15
PEM3022BW	22 x 15 x 15
PEM3022CW	15 x 15 x 22
PEM3022DW	22 x 15 x 22
PEM3028AW	28 x 28 x 22
PEM3028BW	28 x 22 x 22
PEM3028DW	28 x 22 x 28
PEM302815AW	28 x 28 x 15

Stem Tee (Swivel Action)

Part No.	Size MM
PEM532215W	22 x 22 x 15

Useful for creating two, three or more port manifolds in series with 15mm ports facing any direction.

Male Coupler - Straight

Part No.	Size MM X BSPT
NC2556	15mm x 1/2"
NC2557	22mm x 3/4"
22CMA	22mm x 1"
PM012818E	28mm x 1"

PM012818E to maximum 65°

Female Coupler - Tap Connector

Part No.	Size MM X BSP
PSE3201W	15mm x 1/2"
PSE3203W	15mm x 3/4"
PSE3202W	22mm x 3/4"

Tap Connectors only need hand tightening to connect up a terminal tap, mixer or float valve. An integral seal within the fitting avoids the need for further sealers.

Stem Reducer

Part No.	Size MM
PEM062215W	22 x 15
PEM062815W	28 x 15
PEM062822W	28 x 22

Conversion Connector

Part No.	Size MM
NC471	15mm x 16mm

Certified by

Pipe

95° Maximum

Speedfit Barrier Pipe (Coils)

Part No.	Size MM X M
15BPEX-25C	15 x 25
15BPEX-50C	15 x 50
15BPEX-100C	15 x 100
15BPEX-120C	15 x 120

Certified by

Part No.	Size MM X M
22BPEX-25C	22 x 25
22BPEX-50C	22 x 50

Polybutylene Barrier Pipe (coil)

Part No.	Size MM X M
28BPB-50C	28 x 50

Speedfit Barrier Pipe (Straight Lengths)

Part No.	Size MM X M
15BPEX-20x2L	15 x 2
15BPEX-20x5L	15 x 5
22BPEX-20x2L	22 x 2
22BPEX-20x5L	22 x 5
28BPEX-10x6L	28 x 6

Packs of 10 and 20 lengths.

White PVC Flexi Hoses

Speedfit X Hand Tighten Nut

Part No.	Size MM X BSP
300mm long	
PFLX15	15mm x 1/2"
PFLX16	15mm x 3/4"
500mm long	
PFLX18	15mm x 1/2"
PFLX19	22mm x 3/4"

65° Maximum

Speedfit for Monobloc Mixer

Part No.	Size MM X MALE
300mm long	
WFLX28	15 x M10

Speedfit X Hand Tighten Nut with Service Valve

Part No.	Size MM X BSP
300mm long	
PFLX37-H	15mm x 1/2"

Valves

65° Maximum Stop Valve

Part No.	Size MM
22STV	22

Service Valve with Tap Connector

Part No.	Size MM X BSP
15SVSTC-W	15 x 1/2"

Angle Service Valve with Tap Connector

Part No.	Size MM X BSP
15SVBTC-W	15mm x 1/2"

Double Check Value 15

Part No.	Size MM
15DCV	15

Washing Machine Tap

Part No.	Size MM X BSP
15APT	15mm x 3/4"

Washing Machine Tee

Part No.	Size MM X BSP
15APT2	15mm x 3/4"

Emergency Shut Off Tap

Part No.	Size MM
15ESOT	15

Service Valve with Handle

Part No.	Size MM
15SV-H	15
22SV-H	22

NEW

Nickel Plated Ball Valves with Long Handle

Part No.	Size MM
BVAL400200	15mm
BVAL400210	22mm

New push-fit lever ball valve with the added advantage of no extra male couplers being required! One Fitting, One Solution!

Accessories

Pipe Clips & Spacers

Part No.	Size	Part No.	Size
PC15W	15	PC22W	22
PC28W	28	PCSW	

Spacers are designed to slide onto the bottom on pipe clips in order to make a cross over when surface mounting and to allow lagging to be connected around pipe.

Collet Cover

Part No.	Size MM
PM1915R/B	15
PM1922R/B	22

Use a collet cover or collet clip to provide added security against pipe disconnection on standard fittings e.g. if the fitting may come into contact with rigid surfaces and behind dry-lining walls.

Tap in a Box

Part No.	Size MM
SFA-TAPBOX1	15 x 1/2" Short
SFA-TAPBOX2	15 x 1/2" Long

Unique patented solution for fixing taps into steel & wooden frame buildings.

Bending Springs

Part No.	Size MM
SFA-IBS15	15 Internal
SFA-IBS22	22 Internal
SFA-EBS15	15 External

Collet Locking Clip

Part No.	Size MM
CM1815R	15
CM1815B	15
CM1815W	15
CM1822R/B/W	22

Pipe Cutter

Part No.	Size MM
JG-TS	10 - 28

Standard Pipe Insert

Part No.	Size MM
TSM15N	15
TSM22N	22
TSM28N	28

Must be used when connecting Speedfit pipe with compression (CONEX) fittings.

Superseal Pipe Insert

Part No.	Size MM
STS15	15
STS22	22
STS28	28

Nail Clips

Part No.	Size MM
NPC15	15
NPC22	22
NPC28	28

Equal Straight Connector

Quickly and securely connects two MDPE pipes of equal size

Overview

JG Speedfit cold water service equal straight connector for the connection of two equal MDPE pipe sizes. The uniquely designed push-fit fitting incorporates stainless steel teeth to provide a tight and secure grip on the pipe. Simply push the push-fit fitting fully onto the pipe. The connection is demountable, making it easy to work with in the ground when maintaining or altering an existing set-up.

The JG Speedfit cold water service equal straight connector is up to 40% faster to install than traditional methods and is easier to use in confined spaces by removing the need for hot works and tools.

Designed, manufactured and assembled in the UK.



Features & Benefits

- Instant push-fit connection
- Install and demount in seconds without tools
- Stainless steel teeth grab ring provides extra grip on the pipe
- Durable material with high impact resistance
- Non-toxic and no scale build-up
- Resists corrosion and biological growth
- Compatible with MDPE pipes only (inserts required)
- Suitable for cold water use only

Product code	Description	Size	Bag QTY
UG401B	Cold Water Service Equal Straight	20 mm	1
UG402B	Cold Water Service Equal Straight	25 mm	1
UG403B	Cold Water Service Equal Straight	32 mm	1

Equal Straight Connector

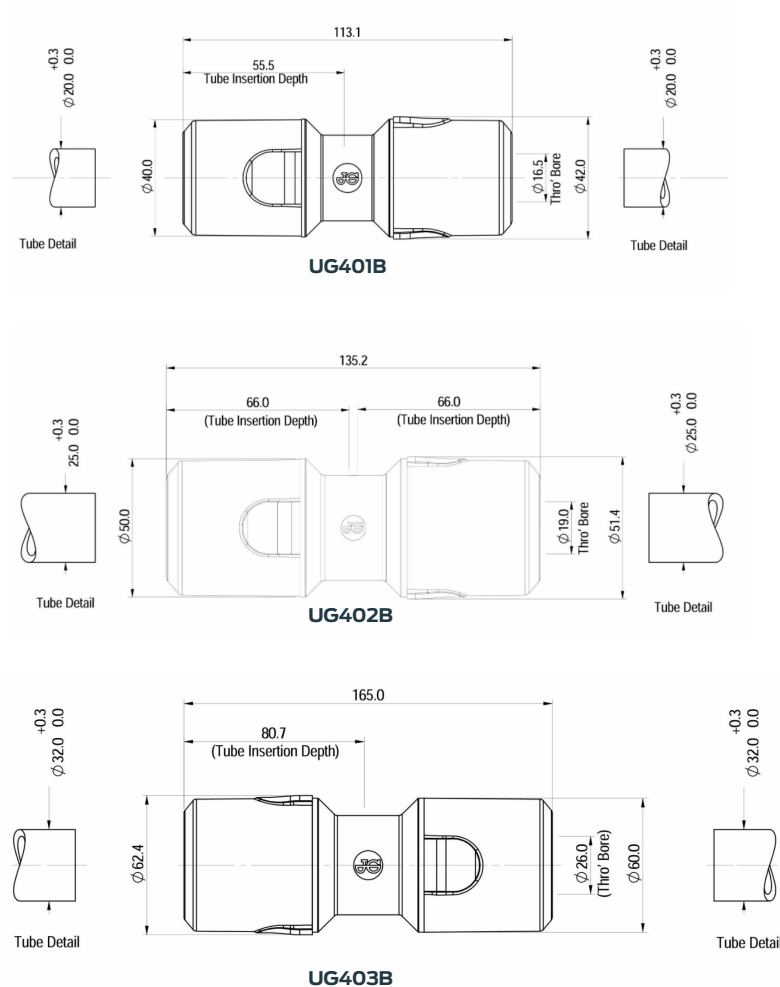
Working parameters & specifications

Application	Usual working temperature °C	Maximum working temperature °C	Maximum working pressure, bar
Cold Water (indirect and direct mains)	20	20	16

Materials

Body	Polypropylene (Glass Filled), Black
O-Ring	Ethylene Polypropylene Diene Monomer (EPDM)
Collet	Acetal Copolymer (Unfilled) Blue
Collet Teeth	Stainless Steel
Collet Cover	Acetal Copolymer (Unfilled) Blue
Support Washer	Acetal Copolymer (Unfilled) Blue

Dimensions – All measurements in mm unless otherwise stated



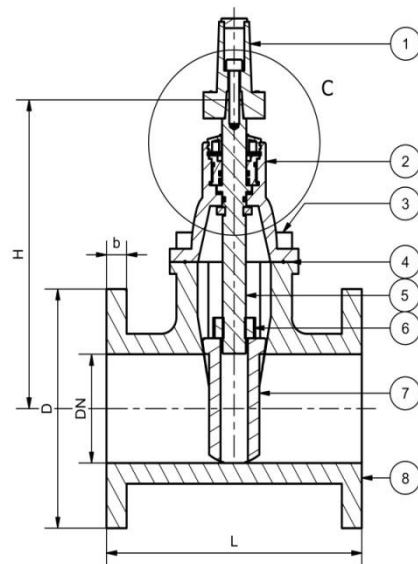
Resilient Seal Gate Valve

Flanged PN16 – SANS 664

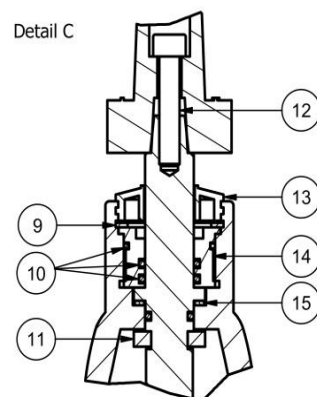
- 664 Non Rising Spindle
- 664 Rising Spindle on request
- Fusion Bonded Epoxy Powder coated / Epoxy Coated
- Gate SG Iron EPDM encapsulated
- NBR Encapsulated Gate on Request
- Drilled to BS4504; SANS1123 or blank as required
- Right hand or Left hand closing
- Cap top, hand wheel or gearbox operated
- PN25, Refer to PN25 data sheet



Material List		
Item	Part Name	Material
1	Cap Top	SG Iron - Grd 420/12
2	Bonnet	SG Iron - Grd 420/12
3	Cap Screws	HT Steel Grd 8.8 / SS - Grd 304
4	Bonnet Gasket	O Ring Type - Protects bolts against corrosion
5	Spindle	Stainless Steel - Grd 410 / 304
6	Gate Nut	Brass
7	Gate	SG Iron EPDM / NBR Totally Encapsulated
8	Body	SG Iron - Grd 420/12
9	Circlip	Stainless Steel - Grd 410
10	O-Ring	Nitrile Rubber - NBR
11	Seal	Nylon
12	Bolt	SS - Grd 304/316 / HT Steel Grd 8.8
13	Dust Wiper Seal	Nitrile Rubber - NBR
14	Gland Housing	Brass
15	Washer	Brass
16	Coating	FBE 250 Micron Min. (Signal Blue)



Dimensions					
DN	PN16 - L	D	H	Min - b	Mass (kg)
50	216	165	210	19	12
80	229	200	260	19	17
100	254	220	290	19	21
150	280	285	380	20	36
200	317	340	445	20	56
250	356	405	555	22	90
300	380	460	620	25	119
350	470	520	760	27	193
400	470	580	840	28	246
450	485	640	1080	30	328
500	510	715	1228	32	414
600 (665 F/F)	508	840	1410	36	617



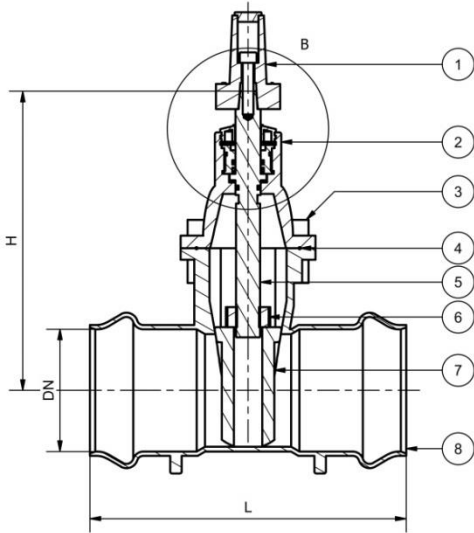
Resilient Seal Gate Valve

Socket-Ended – SANS 664

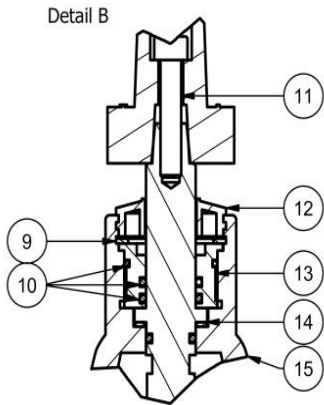
- Non Rising Spindle
- Fusion Bonded Epoxy Powder coated / Epoxy Coated
- Gate SG Iron EPDM Encapsulated
- NBR Encapsulated gate on request
- Right hand or left hand closing
- Cap Top or Hand Wheel Operated



Material List		
Item	Part	Material
1	Cap Top	SG Iron - Grd 420/12
2	Bonnet	SG Iron - Grd 420/12
3	Cap Screws	SS - Grd 304/ 316 / HT Steel Grd 8.8
4	Bonnet Gasket	O-Ring Type- Protects bolts against corrosion - NBR
5	Spindle	SS Grd 410 / 304
6	Gate Nut	Brass
7	Gate	SG Iron EPDM / NBR Totally encapsulated
8	Body	SG Iron - Grd 420/12 – FBE Coated
9	Circlip	SS - Grd 410
10	O-Ring	NBR x 2
11	Bolt	SS - Grd 304/ 316 / HT Steel Grd 8.8
12	Dust Wiper Seal	NBR
13	Gland Housing	Brass
14	Washer	Brass
15	Coating	FBE 250 Micron Min. (Signal Blue)



Dimensions				
Description	DN	L	H	Mass (kg)
40/50	50	300	200	6
50/63	63	335	210	8
65/75	75	335	235	10
80/90	90	335	260	13
100/110	110	355	290	16
150/160	160	405	380	30
200/200	200	450	445	49
250/250	250	450	555	80
300/315	315	500	620	115



Underground Fire Hydrant

- Tamper Proof
- London Vee, London Round or Bayonet Outlets
- Right hand or Left Hand Closing
- DN 80m Inlet
- PN 20 Bar Rated
- Working Pressure: 20 bar
- Flow Rates: In Excess of 1200 litres per minute (SABS 1128)
- Gate: EPDM encapsulated Ductile Iron with 'Easy Seal' spherical shape, seals drip tight at low torque
- Weight: 9kg



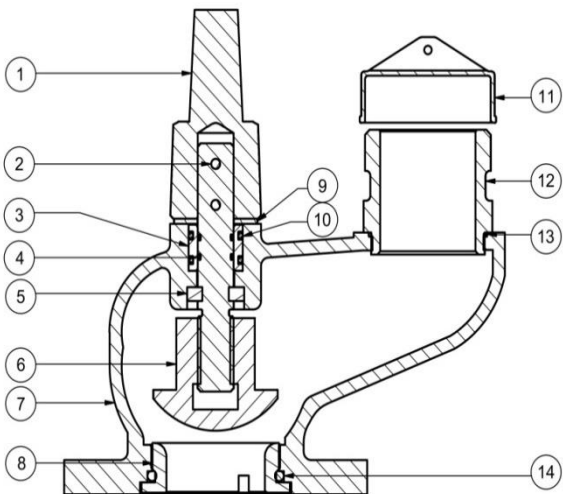
Bayonet
Outlet



London
Round Outlet



London Vee
Outlet



Part List		
Item	Description	Material
1	Cap Top	SG Iron - Grd 420/12
2	Cap Top Pin	Stainless Steel - Grd 316
3	Bush	Brass – DZR
4	O-Ring	Brass – DZR
5	Thrust Collar	Brass – DZR
6	Rubber Encapsulated Gate	SG Iron / EPDM / NBR
7	Body	SG Iron - Grd 420/12
8	Seat	Nickel Plated Ductile Iron
9	Thrust Washer	Nylon
10	O-Ring	NBR
11	Dust Cap	NBR
12	Thrust Collar	Brass – DZR
13	O-Ring	NBR
14	O-Ring	NBR

Pipe Fittings

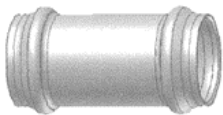
Socketed – Cast SG Iron

Manufactured To SANS 52842

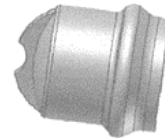
- Lightweight
- Can handle high pressures/stress
- Spheroidal Graphite (SG) Iron Fitting For PVC Pipe
- Coating Options:
 - Bitumen Dipped
 - Fusion Bonded Epoxy (FBE)
 - Nylon 11 (Rilsan)
- Wall Thickness In Accordance With DIN16451 PT1
- Seals Perfectly At Low and High Pressures
- Rated 25 Bar Pressure and, tested 40 Bar Pressure



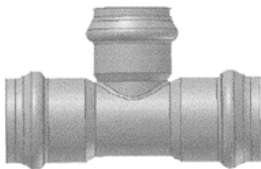
Unequal Tee



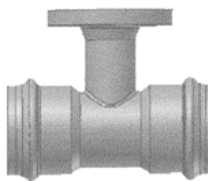
Straight Connector
(Repair Coupling)



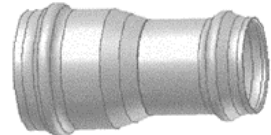
End Cap



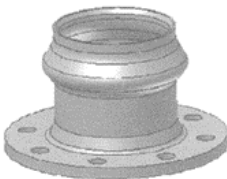
Equal Tee



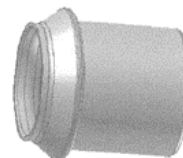
Scour Tee



Socketed Reducer



Flange Adaptor

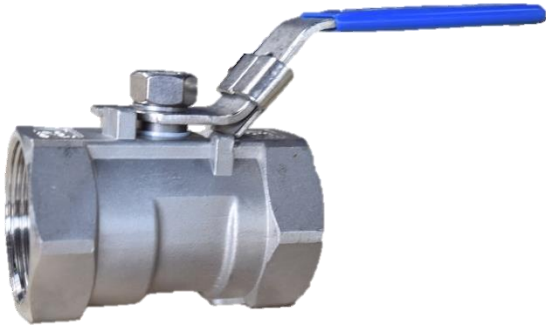


Reducing Bush

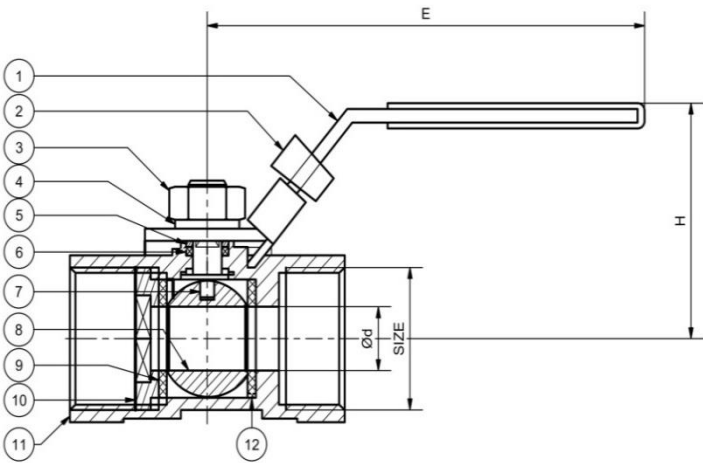
1 Piece Ball Valve

Stainless Steel

- The thread ends conform to NPT, BSPT, DIN259, Din 2999
- Investment Casting Body
- Blow-out proof stem / reduce port
- 1000PSI (69Bar) WOG
- PTFE / RTFE seat
- Locking Device



Material List		
Item	Part	Material
1	Lever	Stainless Steel
2	Lever Bolt	Stainless Steel - Grd304
3	Hex Nut	Stainless Steel
4	Std Spring Gasket	Stainless Steel
5	Gland Packing	A2-70
6	Thrust Packing	PTFE
7	Spindle	Stainless Steel - Grd304
8	Ball	A276-316
9	Back Seat	PTFE
10	Cap	Stainless Steel - Grd304
11	Body	A351-CF8M
12	Bottom Seat	PTFE



Dimensions						
Size		d	L	E	H	Mass (kg)
mm	Inch					
8	1/4"	5	40	67	33	0.06
10	3/8"	7	45	67	36	0.1
15	1/2"	9	58	93	37	0.16
20	3/4"	12.5	60	93	42	0.26
25	1"	16	71	103	52	0.38
32	1 1/4"	20	78	103	56	0.61
40	1 1/2"	25	82.5	125	65	0.85
50	2"	32	100	125	70	1.4

VARIANT

AIR VALVES



General

Variant combination air release and vacuum break valves protect pipelines from damaging vacuum conditions while ensuring that the system maintains design efficiency. The integral anti-shock feature provides protection against the damaging effects of uncontrolled filling and pump stoppages.

Functions

- ◆ High capacity air discharge
- ◆ High capacity air intake
- ◆ Pressurized air release
- ◆ Surge alleviation

Features

- ◆ Optimum flow characteristics
- ◆ Low pressure sealing
- ◆ Compact design
- ◆ No dissimilar metal corrosion

Operation of Variant Air Valves

Large orifice air discharge

During initial filling the pipeline is filled with air. As water is introduced into the pipeline, the air flows naturally towards the highest points along the pipeline. Air valves, positioned at these high points, allow air to pass freely through the large orifice to atmosphere.

Vacuum break

During scouring or when a pipeline ruptures, it is imperative that the pipeline is protected from damaging negative pressures. Variant air valves provide a full bore, unimpeded flow path that maximises the valve's air intake capacity. The rapid inflow of air effectively prevents detrimental vacuum conditions.

Pressurized air release

During normal operating conditions, air accumulates in the air valves, located at the high points along the pipeline. Once sufficient air has collected in the valve, the automatic float drops, allowing the air to escape to atmosphere.

Surge protection

Should pump stoppages cause water column separation within the pipeline, air is admitted rapidly through the air valve's large orifice to protect the pipeline. As the water column returns, this air is then gradually discharged through the air valve's anti-shock orifice. By restricting the discharge through the anti-shock orifice, sufficient air is retained in the pipeline to create a temporary surge accumulator.

In instances where pipelines are filled too quickly, the anti-shock mechanism is blown shut by the excessive air flow. Air is now only released through the anti-shock orifice in a controlled manner, creating an air cushion in the pipeline. This air cushion slows down the approaching water column and absorbs any potential surges.

Anti-theft

Air valve theft adversely affects the reliability and efficiency of pipelines. This problem is compounded when multiple air valves are stolen from the same pipeline. The Variant models LN and LT were developed to prevent the theft of air valves thereby ensuring that the pipeline maintains its design and structural integrity.

Designer - Manufacturer - Distributor

THOMAS

PIPE PRODUCTS



Product Overview



Couplings & Flange Adaptors

Pipe Repairs

Pipe Fittings



Bellows & Strainers

Tap In Products

Technical Data

SANS 1067-1 2005

COMAP JEVCO SABS COMPRESSION FITTINGS

JEVCO COMPRESSION FITTINGS ARE EASY TO USE,
VERSATILE, DEMOUNTABLE AND SUITABLE FOR
ALL REPAIRS, NEW INSTALLATIONS OR RENOVATIONS.

- ✓ Manufactured in DR Brass
- ✓ Compliant with SANS 1067-1 standards
- ✓ Designed for use with copper tube to SABS 460, Class 1, 2, 3.
- ✓ All Comap Jevco compression rings are manufactured from dezincification resistant materials.
- ✓ Jevco J6 Fittings 15-54mm are SABS Approved
- ✓ Jevco J6 Fittings 15-28mm are JASWIC Listed
- ✓ 10 Year Guarantee



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PERMIT NUMBER 10368/16376



water



heating

PRODUCT	DESCRIPTION	SIZE	CODE	M.O.Q*	NOTES
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MI-C COUPLERS

	Jevco MI-C Coupler - DR Brass	15mm x 1/2"	J600.1	10	
	Jevco MI-C Coupler - DR Brass	15mm x 3/4"	J600.2	10	
	Jevco MI-C Coupler - DR Brass	22mm x 3/4"	J600.3	10	
	Jevco MI-C Coupler - DR Brass	22mm x 1"	J600.4	1	
	Jevco MI-C Coupler - DR Brass	28mm x 1"	J600.6	1	
	Jevco MI-C Coupler - DR Brass	35mm x 1 1/4"	J600.8	1	
	Jevco MI-C Coupler - DR Brass	42mm x 1 1/2"	J600.9	1	
	Jevco MI-C Coupler - DR Brass	54mm x 2"	J600.9Z	1	

FI-C COUPLERS

	Jevco FI-C Coupler - DR Brass	15mm x 1/2"	J601.1	10	
	Jevco FI-C Coupler - DR Brass	15mm x 3/4"	J601.2	10	
	Jevco FI-C Coupler - DR Brass	22mm x 3/4"	J601.3	10	
	Jevco FI-C Coupler - DR Brass	28mm x 1"	J601.6	1	
	Jevco FI-C Coupler - DR Brass	35mm x 1 1/4"	J601.7	1	
	Jevco FI-C Coupler - DR Brass	42mm x 1 1/2"	J601.8	1	
	Jevco FI-C Coupler - DR Brass	54mm x 2"	J601.9	1	

C-C COUPLERS

	Jevco C-C Coupler - DR Brass	15mm	J603.1	10	
	Jevco C-C Coupler - DR Brass	22mm	J603.2	10	
	Jevco C-C Coupler - DR Brass	22mm x 15mm	J603.3	10	
	Jevco C-C Coupler - DR Brass	28mm x 22mm	J603.5	1	
	Jevco C-C Coupler - DR Brass	28mm	J603.6	1	
	Jevco C-C Coupler - DR Brass	35mm	J603.7	1	
	Jevco C-C Coupler - DR Brass	42mm	J603.8	1	
	Jevco C-C Coupler - DR Brass	54mm	J603.9	1	

C-C SLIP COUPLERS

	Jevco C-C Slip Coupler - DR Brass	15mm	J603S.1	10	
	Jevco C-C Slip Coupler - DR Brass	22mm	J603S.2	10	

90° MI-C ELBOWS

	Jevco 90° MI-C Elbow - DR Brass	15mm x 1/2"	J607.1	10	
	Jevco 90° MI-C Elbow - DR Brass	15mm x 3/4"	J607.2	10	
	Jevco 90° MI-C Elbow - DR Brass	22mm x 3/4"	J607.3	10	
	Jevco 90° MI-C Elbow - DR Brass	28mm x 1"	J607.5	1	
	Jevco 90° MI-C Elbow - DR Brass	35mm x 1 1/4"	J607.6	1	
	Jevco 90° MI-C Elbow - DR Brass	42mm x 1 1/2"	J607.7	1	

90° FI-C ELBOWS

	Jevco 90° FI-C Elbow - DR Brass	15mm x 1/2"	J609.1	10	
	Jevco 90° FI-C Elbow - DR Brass	15mm x 3/4"	J609.2	10	
	Jevco 90° FI-C Elbow - DR Brass	22mm x 3/4"	J609.3	10	
	Jevco 90° FI-C Elbow - DR Brass	28mm x 1"	J609.5	1	
	Jevco 90° FI-C Elbow - DR Brass	35mm x 1 1/4"	J609.6	1	
	Jevco 90° FI-C Elbow - DR Brass	42mm x 1 1/2"	J609.7	1	
	Jevco 90° FI-C Elbow - DR Brass	54mm x 2"	J609.8	1	

PRODUCT	DESCRIPTION	SIZE	CODE	PACKET LOTS	NOTES
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WALL PLATE ELBOWS

	Jevco Wall Plate Elbow - DR Brass	15mm x 1/2"	J610.1	10	
	Jevco Wall Plate Elbow - DR Brass	22mm x 3/4"	J610.2	10	

SWIVEL ELBOWS

	Jevco Swivel Elbow - DR Brass	15mm x 1/2"	J611.1	10	
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90° C-C ELBOWS

	Jevco 90° C-C Elbow - DR Brass	15mm	J612.1	10	
	Jevco 90° C-C Elbow - DR Brass	22mm	J612.2	10	
	Jevco 90° C-C Elbow - DR Brass	22mm x 15mm	J612.3	10	
	Jevco 90° C-C Elbow - DR Brass	28mm	J612.4	1	
	Jevco 90° C-C Elbow - DR Brass	35mm	J612.5	1	
	Jevco 90° C-C Elbow - DR Brass	42mm	J612.6	1	
	Jevco 90° C-C Elbow - DR Brass	54mm	J612.7	1	

C-C-C EQUAL TEES

	Jevco C-C-C Equal Tee - DR Brass	15mm	J614.1	10	
	Jevco C-C-C Equal Tee - DR Brass	22mm	J614.2	10	
	Jevco C-C-C Equal Tee - DR Brass	28mm	J614.3	1	
	Jevco C-C-C Equal Tee - DR Brass	35mm	J614.4	1	
	Jevco C-C-C Equal Tee - DR Brass	42mm	J614.5	1	
	Jevco C-C-C Equal Tee - DR Brass	54mm	J614.6	1	

C-C-C REDUCING TEES

	Jevco C-C-C Reducing Tee - DR Brass	22 x 15 x 15mm	J615.00	10	
	Jevco C-C-C Reducing Tee - DR Brass	22 x 15 x 22mm	J615.01	10	
	Jevco C-C-C Reducing Tee - DR Brass	15 x 15 x 22mm	J615.02S	10	
	Jevco C-C-C Reducing Tee - DR Brass	22 x 22 x 15mm	J615.1	10	
	Jevco C-C-C Reducing Tee - DR Brass	28 x 28 x 15mm	J615.2	1	
	Jevco C-C-C Reducing Tee - DR Brass	28 x 28 x 22mm	J615.3	1	
	Jevco C-C-C Reducing Tee - DR Brass	42 x 42 x 22mm	J615.7	1	
	Jevco C-C-C Reducing Tee - DR Brass	42 x 42 x 28mm	J615.8	1	

PRODUCT	DESCRIPTION	SIZE	CODE	PACKET LOTS	NOTES
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C-C-F TEES

	Jevco C-C-F Tee - DR Brass	15mm x 15mm x ½"	J614F.1	10	
	Jevco C-C-F Tee - DR Brass	22mm x 22mm x ½"	J614F.2	10	
	Jevco C-C-F Tee - DR Brass	22mm x 22mm x ¾"	J614F.3	10	

REDUCER FITTINGS

	Jevco Reducer Fitting - DR Brass	22mm x 15mm	J637.1	25	
	Jevco Reducer Fitting - DR Brass	28mm x 15mm	J637.2	10	
	Jevco Reducer Fitting - DR Brass	28mm x 22mm	J637.3	10	
	Jevco Reducer Fitting - DR Brass	35mm x 22mm	J637.4	5	
	Jevco Reducer Fitting - DR Brass	35mm x 28mm	J637.5	5	
	Jevco Reducer Fitting - DR Brass	42mm x 35mm	J637.7	5	

STOP ENDS

	Jevco Stop End - DR Brass	15mm	J640.1	10	
	Jevco Stop End - DR Brass	22mm	J640.2	10	
	Jevco Stop End - DR Brass	28mm	J640.3	1	

CAP NUTS

	Jevco Cap Nut	15mm	JCN15	20	
	Jevco Cap Nut	22mm	JCN22	20	

COMPRESSION RING / FERRULE

	Jevco Compression Ring - DR Brass	15mm	JCR15	100	
	Jevco Compression Ring - DR Brass	22mm	JCR22	100	
	Jevco Compression Ring - DR Brass	28mm	JCR28	10	