

ATLANTIC PLASTICS is a company of



## Valves and Stopcocks Catalogue 2011



# Introduction

TALIS – the number one choice for all valve-related products.

TALIS is the major brand whenever products and services are needed for the water cycle.

The brands ATLANTIC PLASTICS, BAYARD, BELGICAST, ERHARD, FRISCHHUT, SCHMIEDING, STRATE, UNIJOINT and WAFREGA are united under this name to provide a unique comprehensive service that provides the best solution for every application. Our global experience and the in-depth knowledge of our employees are the basis for TALIS' innovative strength. In our quest for new sustainable solutions, we regularly set new milestones in valve technology. And have been doing so for more than 100 years.

Our main focus is always on increasing efficiency in handling the resource water, on a long service life and economic feasibility.

TALIS products meet the most stringent quality standards and are certified all over the world.



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Technical Data

EBCO and Talbot BS5433 Stopcocks

Premium quality gunmetal stopcocks manufactured to BS5433 are highly resistant to corrosion and provide years of service in even the most aggressive soil conditions.

Gunmetal stopcocks are available in ½” to 2” size range with male/female BSP threaded connections, EBCO Push-Fit and Talbot Pushfit connections from 20mm to 63mm (½” to 2”) for PE pipe and copper Type B connections from 15mm to 54mm. BS5433 stopcocks can be supplied with either crutch heads or square heads.

Sizes:	Female/Male threaded for iron pipe:	½” to 2”
	EBCO Push-Fit/Talbot Pushfit for PE:	20mm (½”) to 63mm (2”)
	Compression for PE:	20mm (½”) to 63mm (2”)
	Compression for copper:	15mm to 54mm
Materials:	All metallic parts:	Gunmetal to BS EN 1982:2008 CC491K
	Head seal ‘O’ ring:	Nitrile or EPDM rubber
	Washer:	Nitrile or EPDM rubber
	Gland packing:	Graphite aramid fibre and rubber compound
Working pressure:	Up to 16 bar (240 psi)	
Temperature:	Up to 40°C	

<sup>1</sup> The pressure stated above applies with water temperatures up to 20°C.

<sup>2</sup> Temperature increases may affect the installed life of the product. For further information relating to operating temperatures please contact our Customer Service department on the telephone number shown below.

EBCO BS1010 Bibcocks and Stopvalves

Manufactured from gunmetal and brass to BS1010 for above ground applications, and available in ½” to 2” size range with both female and male BSP threaded connections.

Sizes:	Female/Male threaded for iron pipe:	½” to 2”
Materials:	Gunmetal to BS EN 1982:2008 CC491K and Brass	
Working pressure:	Up to 10 bar (150 psi)	

EBCO Spherical Ball Valves

Spherical ball valves are made from corrosion resistant gunmetal and offer a full flow facility with either a ¼ turn or 360° on/off control. Available in a variety of connections: ½” to 2” BSP female, 25mm and 32mm EBCO Push-Fit and 15mm to 54mm copper Type B, and are supplied with fan heads.

Sizes:	Female threaded for iron pipe:	½” to 2”
	EBCO Push-Fit:	20mm to 32mm
	Compression for copper:	15mm to 54mm
Materials:	All metalic parts:	Gunmetal to BS EN 1982:2008 CC491K
	‘O’ rings:	EPDN rubber
	Ball seats:	Moulded EPDN rubber
Working pressure:	Up to 20 bar (300 psi)	

Talbot Talflo Valve

The Talbot Talflo Valve is a self closing water supply valve used in conjunction with community stand posts. The Talflo Valve has been developed over a considerable period of time using information received from the market place and following rigorous testing with bodies such as the Consumer Association in the UK. In the field it has undergone endurance testing in several countries including Egypt, Nigeria and Ethiopia and has been in use for many years in the most arduous of conditions.

Sizes:	Female threaded stand post connections:	½”, ¾” and 1”
Materials:	Elbow:	Galvanised malleable iron
	Retaining nut:	Stainless steel Grade A2
	Seat support washer:	Brass
	Seat washer:	Nitrile rubber
	Bush:	Acetal
	Valve shaft:	Brass
	‘O’ rings:	Nitrile rubber
	Body:	Mild steel, nickle plated

EBCO Sampling Taps

Sampling taps are for use in the quality testing and monitoring of water supplies.

Designed for above ground use and supplied complete with retaining chain.

Sizes:	Male threaded for iron pipe:	½”
Material:	Brass	Finish: Chromium plated
Working pressure:	Up to 10 bar (150 psi)	

Benefits

Available in a variety of tried and tested configurations with outlet types and sizes to suit PE and threaded pipe and Type B copper tube. Stopcocks can be supplied with a variety of headworks to meet specific customer requirements. Design and selection of materials gives high strength for installation and operation, and corrosion resistance for long life

Safety

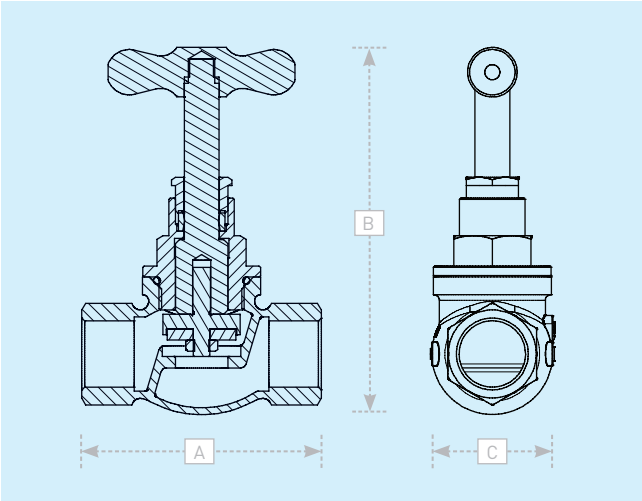
As with all industrial products it is important to take adequate safety precautions such as the use of adequate protective clothing like gloves, overalls, eye protection and safety footwear during installation and maintenance of this product.

Technical Help:

For further technical data, product specifications and general information please contact Customer Service on +44 (0)1675 437 900.



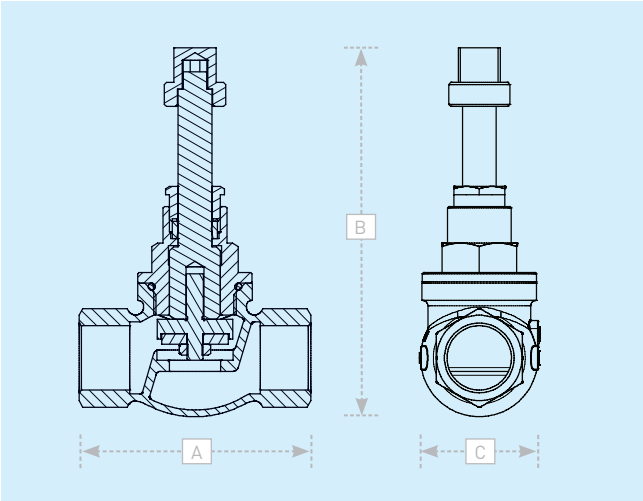
EBCO BS5433  
Stopcock -  
BSP Female/Crutch Head



Part Number	Size (inlet/outlet)	Headworks	A (mm)	B (mm)	C (mm)	Pack Quantity			Product Weight (kg each)
						Bag	Box	Carton	
SV5402FCR	1/2" x 1/2" Female	Crutch Head	79	119	39	-	-	-	0.53
SV5403FCR	3/4" x 3/4" Female	Crutch Head	87	133	44	-	-	-	0.84
SV5404FCR	1" x 1" Female	Crutch Head	110	170	57	-	-	-	1.60
SV5406FCR	1 1/2" x 1 1/2" Female	Crutch Head	142	223	74	-	-	-	3.36
SV5408FCR	2" x 2" Female	Crutch Head	162	256	97	-	-	-	5.76

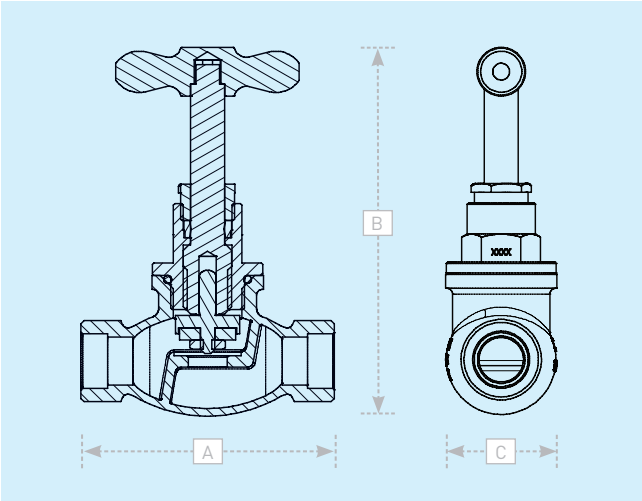


EBCO BS5433  
Stopcock -  
BSP Female/Square Head



Part Number	Size (inlet/outlet)	Headworks	A (mm)	B (mm)	C (mm)	Pack Quantity			Product Weight (kg each)
						Bag	Box	Carton	
SV5402FS2	1/2" x 1/2" Female	5/8" Square Head	79	122	39	-	-	-	0.53
SV5403FS2	3/4" x 3/4" Female	5/8" Square Head	87	138	44	-	-	-	0.78
SV5404FS2	1" x 1" Female	5/8" Square Head	110	182	57	-	-	-	1.50
SV5406FS2	1 1/2" x 1 1/2" Female	5/8" Square Spindle	142	216	74	-	-	-	3.04
SV5408FS2	2" x 2" Female	5/8" Square Spindle	162	250	97	-	-	-	5.28

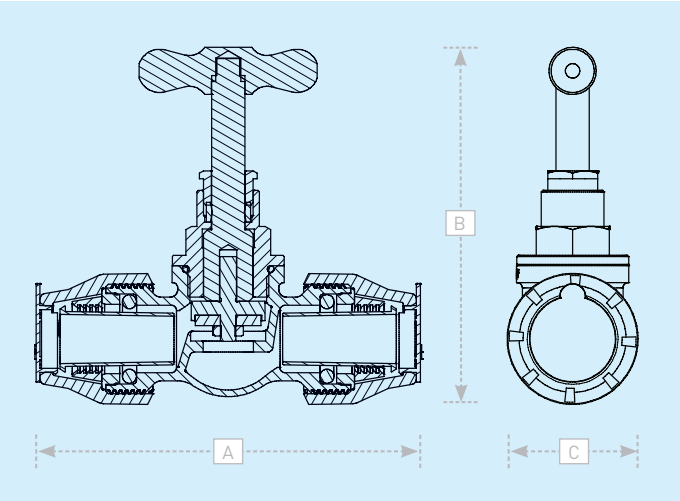
EBCO BS5433  
Stopcock -  
BSP Male/Crutch Head



Part Number	Size (inlet/outlet)	Headworks	A (mm)	B (mm)	C (mm)	Pack Quantity			Product Weight (kg each)
						Bag	Box	Carton	
SV5402MCR	1/2" x 1/2" Male	Crutch Head	117	117	36	-	-	-	0.69
SV5403MCR	3/4" x 3/4" Male	Crutch Head	83	121	37	-	-	-	0.52
SV5404MCR	1" x 1" Male	Crutch Head	92	133	44	-	-	-	0.85
SV5405MCR	1 1/4" x 1 1/4" Male	Crutch Head	108	166	56	-	-	-	1.52
SV5408MCR	2" x 2" Male	Crutch Head	146	223	74	-	-	-	3.48

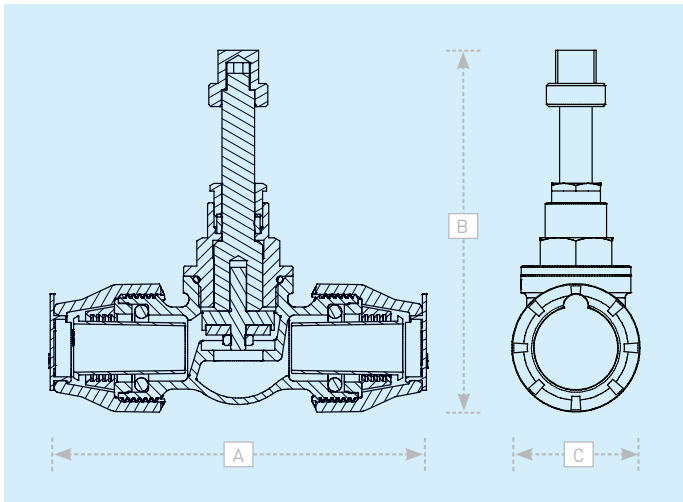


EBCO BS5433  
Stopcock -  
Push-Fit / Crutch Head



Part Number	Size (inlet/outlet)	Headworks	A (mm)	B (mm)	C (mm)	Pack Quantity			Product Weight (kg each)
						Bag	Box	Carton	
SV5420ZCR	20mm x 20mm BPF	Crutch Head	126	121	41	-	-	-	0.58
SV5425ZCR	25mm x 25mm BPF	Crutch Head	148	136	50	-	-	-	0.94
SV5432ZCR	32mm x 32mm BPF	Crutch Head	175	169	58	-	-	-	1.67
SV5450ZCR	50mm x 50mm BPF	Crutch Head	355	228	84	-	-	-	3.96
SV5463ZCR	63mm x 63mm BPF	Crutch Head	400	260	105	-	-	-	6.70

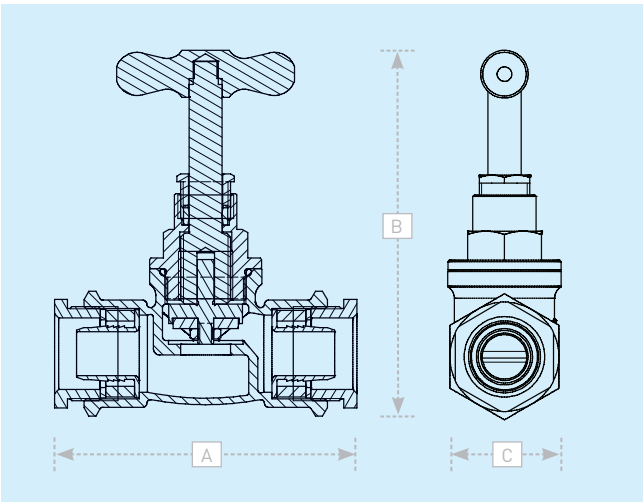
EBCO BS5433  
Stopcock –  
EBCO Push-Fit / Square Head



Part Number	Size (inlet/outlet)	Headworks	A (mm)	B (mm)	C (mm)	Pack Quantity			Product Weight (kg each)
						Bag	Box	Carton	
SV5420ZS1	20mm x 20mm BPF	1/2" Square Head	126	122	41	-	-	-	0.51
SV5425ZS1	25mm x 25mm BPF	1/2" Square Head	148	141	50	-	-	-	0.87
SV5432ZS1	32mm x 32mm BPF	1/2" Square Head	175	182	58	-	-	-	1.55
SV5420ZS2	20mm x 20mm BPF	5/8" Square Spindle	125	126	41	-	-	-	0.52
SV5425ZS2	25mm x 25mm BPF	5/8" Square Spindle	148	141	50	-	-	-	0.88
SV5432ZS2	32mm x 32mm BPF	5/8" Square Spindle	175	182	58	-	-	-	1.57
SV5450ZS2	50mm x 50mm BPF	5/8" Square Spindle	352	217	85	-	-	-	3.62
SV5463ZS2	63mm x 63mm BPF	5/8" Square Spindle	400	250	105	-	-	-	6.22



EBCO BS5433  
Stopcock –  
EBCO-B Compression Fitting (Metric MDPE)

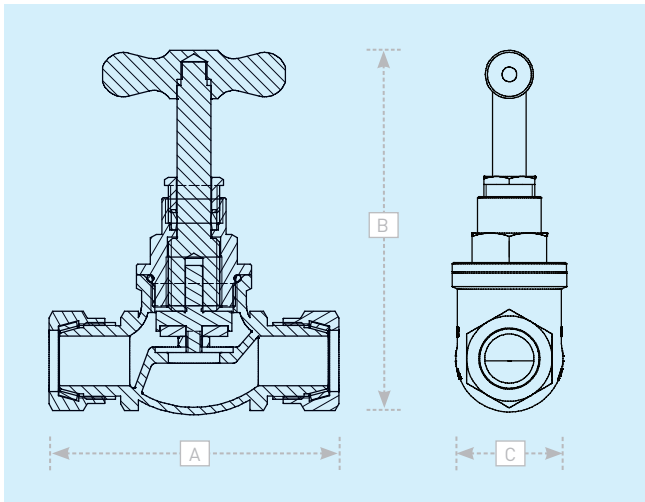


Part Number	Size (inlet/outlet)	Headworks	A (mm)	B (mm)	C (mm)	Pack Quantity			Product Weight (kg each)
						Bag	Box	Carton	
SV5420BCR	20mm x 20mm EBCO-B	Crutch Head	91	120	37	-	-	-	0.62
SV5425BCR	25mm x 25mm EBCO-B	Crutch Head	116	140	43	-	-	-	1.04
SV5432BCR	32mm x 32mm EBCO-B	Crutch Head	134	169	55	-	-	-	1.85
SV5450BCR	50mm x 50mm EBCO-B	Crutch Head	190	223	76	-	-	-	4.40
SV5463BCR	63mm x 63mm EBCO-B	Crutch Head	213	256	91	-	-	-	6.99

EBCO BS5433

Stopcock -

EBCO-S Compression Fitting (Type B Copper Tube)



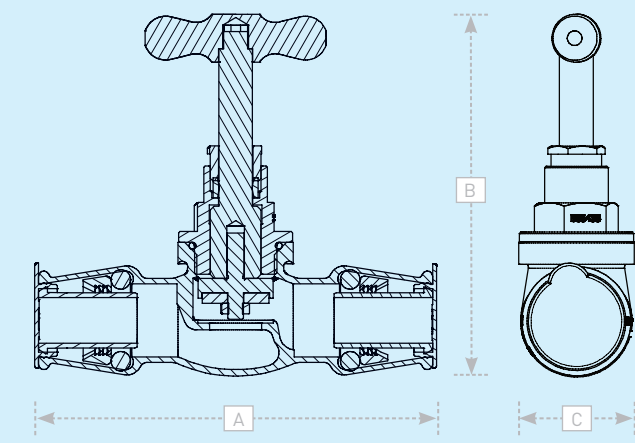
Part Number	Size (inlet/outlet)	Headworks	A (mm)	B (mm)	C (mm)	Pack Quantity			Product Weight (kg each)
						Bag	Box	Carton	
SV5415CR	15mm x 15mm	Crutch Head	87	120	37	-	-	-	0.60
SV5422CR	22mm x 22mm	Crutch Head	108	136	43	-	-	-	0.90
SV5428CR	28mm x 28mm	Crutch Head	130	166	56	-	-	-	1.70
SV5442SCR	42mm x 42mm	Crutch Head	220	223	70	-	-	-	4.58
SV5454SCR	54mm x 54mm	Crutch Head	255	267	94	-	-	-	7.72

Talbot

Talbot BS5433

Stopcock -

Talbot Pushfit / Crutch Head

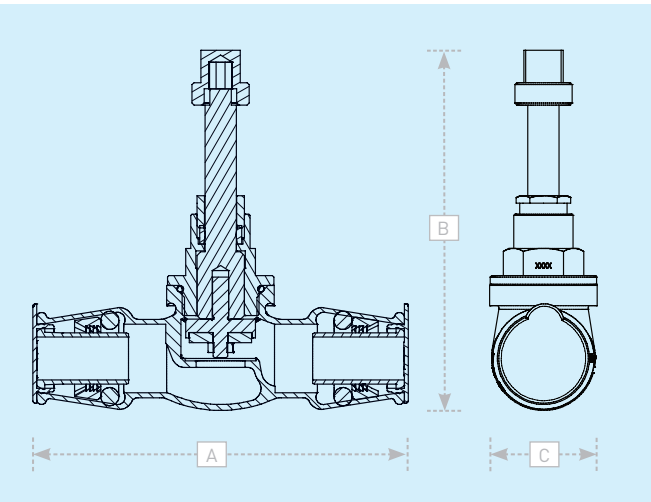


Part Number	Size (inlet/outlet)	Headworks	A (mm)	B (mm)	C (mm)	Pack Quantity			Product Weight (kg each)
						Bag	Box	Carton	
E2988*	20mm x 20mm PF	Crutch Head	122	118	38	-	-	-	0.64
E2993*	25mm x 25mm PF	Crutch Head	148	136	42	-	-	-	0.94
E2996*	32mm x 32mm PF	Crutch Head	176	171	55	-	-	-	1.69
E2998*	50mm x 50mm PF	Crutch Head	258	225	73	-	-	-	4.01
E3000*	63mm x 63mm PF	Crutch Head	297	261	94	-	-	-	6.90
E2982	1/2" x 1/2" PF	Crutch Head	122	118	38	-	-	-	0.64
E2983	3/4" x 3/4" PF	Crutch Head	148	136	42	-	-	-	0.93
E2984	1" x 1" PF	Crutch Head	176	171	55	-	-	-	1.68
E3467	1 1/2" x 1 1/2" PF	Crutch Head	258	225	55	-	-	-	4.00
E3468	2" x 2" PF	Crutch Head	297	261	94	-	-	-	6.88
E7619	20mm x 20mm PF	Crutch Head	122	118	38	-	-	-	0.64
E7620	25mm x 25mm PF	Crutch Head	148	136	42	-	-	-	0.93
E7621	32mm x 32mm PF	Crutch Head	176	171	55	-	-	-	1.68
E7622	50mm x 50mm PF	Crutch Head	258	225	73	-	-	-	4.00
E7623	63mm x 63mm PF	Crutch Head	297	261	94	-	-	-	6.88

\* Includes pipe liner for metric PE pipe

Talbot BS5433  
Stopcock -  
Talbot Push-Fit / Square Head

Talbot

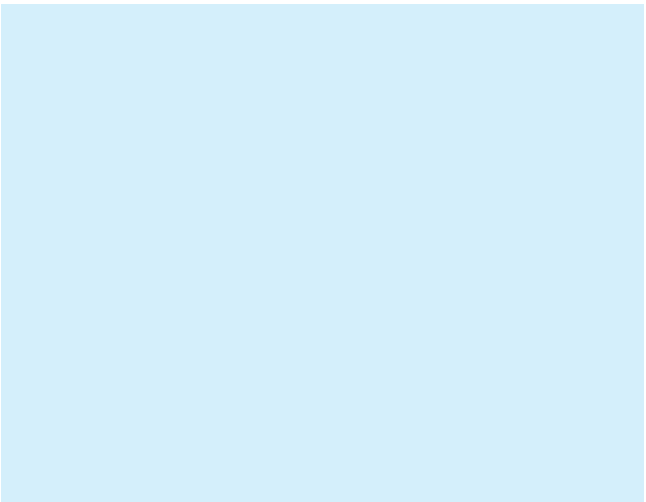


Part Number	Size (inlet/outlet)	Headworks	A (mm)	B (mm)	C (mm)	Pack Quantity			Product Weight (kg each)
						Bag	Box	Carton	
E2989*	20mm x 20mm PF	1/2" Square Head	122	125	38	-	-	-	0.61
E2994*	25mm x 25mm PF	1/2" Square Head	148	145	42	-	-	-	0.89
E2990*	20mm x 20mm PF	5/8" Square Head	122	125	38	-	-	-	0.62
E2995*	25mm x 25mm PF	5/8" Square Head	148	145	42	-	-	-	0.90
E2997*	32mm x 32mm PF	5/8" Square Head	176	188	55	-	-	-	1.80
E2999*	50mm x 50mm PF	5/8" Square Head	258	236	73	-	-	-	3.73
E3566*	63mm x 63mm PF	5/8" Square Spindle	297	251	94	-	-	-	6.40

\* Includes pipe liner for metric PE pipe

EBCO

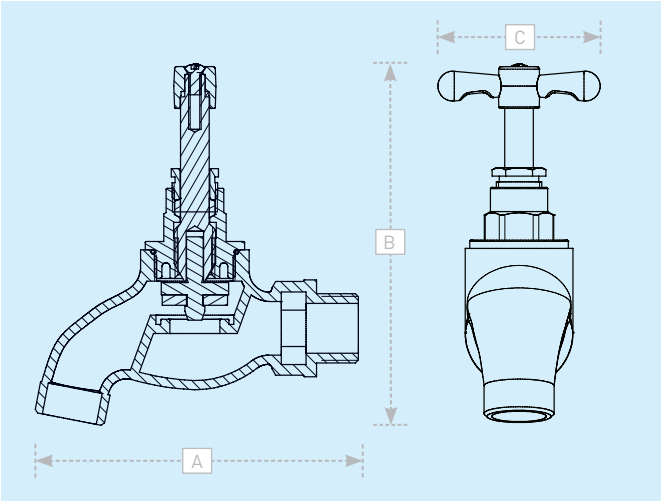
EBCO BS1010  
Bib Tap



Part Number	Size (inlet)	Headworks	A (mm)	B (mm)	C (mm)	Pack Quantity			Product Weight (kg each)
						Bag	Box	Carton	
BIB02	1/2" Male	Crutch Head	60	110	30	-	-	-	0.27



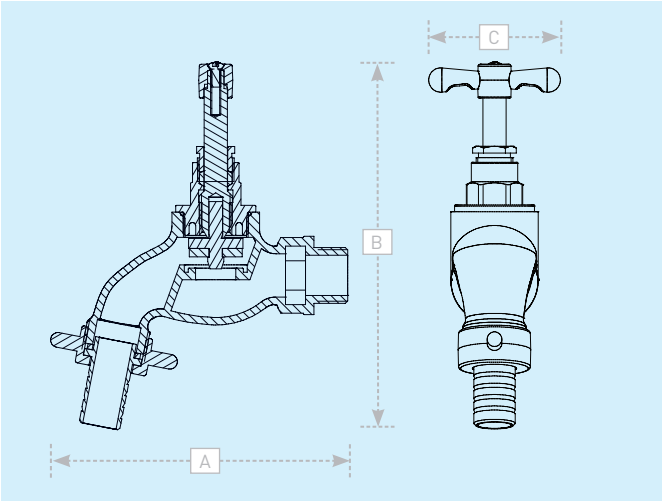
EBCO BS1010  
Bibcock



Part Number	Size (inlet)	Headworks	A (mm)	B (mm)	C (mm)	Pack Quantity			Product Weight (kg each)
						Bag	Box	Carton	
BIB53PRC02	1/2" Male	Crutch Head	100	116	33	-	-	-	0.41
BIB53PRC03	3/4" Male	Crutch Head	110	145	40	-	-	-	0.72



EBCO BS1010  
Hose Union Bibcock



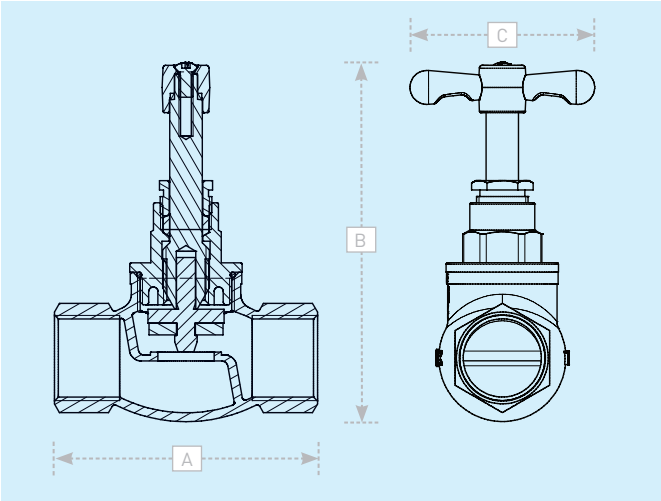
Standard Hose Union Bibcock

Part Number	Size (inlet)	Headworks	A (mm)	B (mm)	C (mm)	Pack Quantity			Product Weight (kg each)
						Bag	Box	Carton	
HUB53PRC02	1/2" Male	Crutch Head	87	132	32	-	-	-	0.48
HUB53PRC03	3/4" Male	Crutch Head	118	156	41	-	-	-	0.82
HUB53PRC04	1" Male	Crutch Head	155	217	50	-	-	-	1.50

Hose Union Bibcock with Dual Check Valve

Part Number	Size (inlet)	Headworks	A (mm)	B (mm)	C (mm)	Pack Quantity			Product Weight (kg each)
						Bag	Box	Carton	
HUB53PCV02	1/2" Male	Crutch Head	87	132	32	-	-	-	0.48
HUB53PCV03	3/4" Male	Crutch Head	118	156	41	-	-	-	0.82
HUB53PCV04	1" Male	Crutch Head	155	217	50	-	-	-	1.50

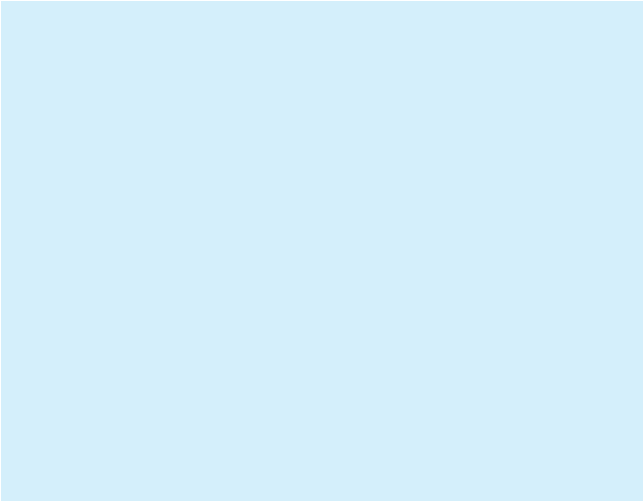
EBCO BS1010  
Stopvalve



Part Number	Size (inlet)	Headworks	A (mm)	B (mm)	C (mm)	Pack Quantity			Product Weight (kg each)
						Bag	Box	Carton	
SV1002FCRK	½" Female	Crutch Head	78	116	44	-	-	-	0.50
SV1003FCRK	¾" Female	Crutch Head	89	121	45	-	-	-	0.60
SV1004FCRK	1" Female	Crutch Head	109	147	52	-	-	-	1.28
SV1005FCRK	1¼" Female	Crutch Head	132	173	66	-	-	-	2.00
SV1006FCRK	1½" Female	Crutch Head	143	197	72	-	-	-	2.50
SV1008FCRK	2" Female	Crutch Head	180	227	100	-	-	-	5.08



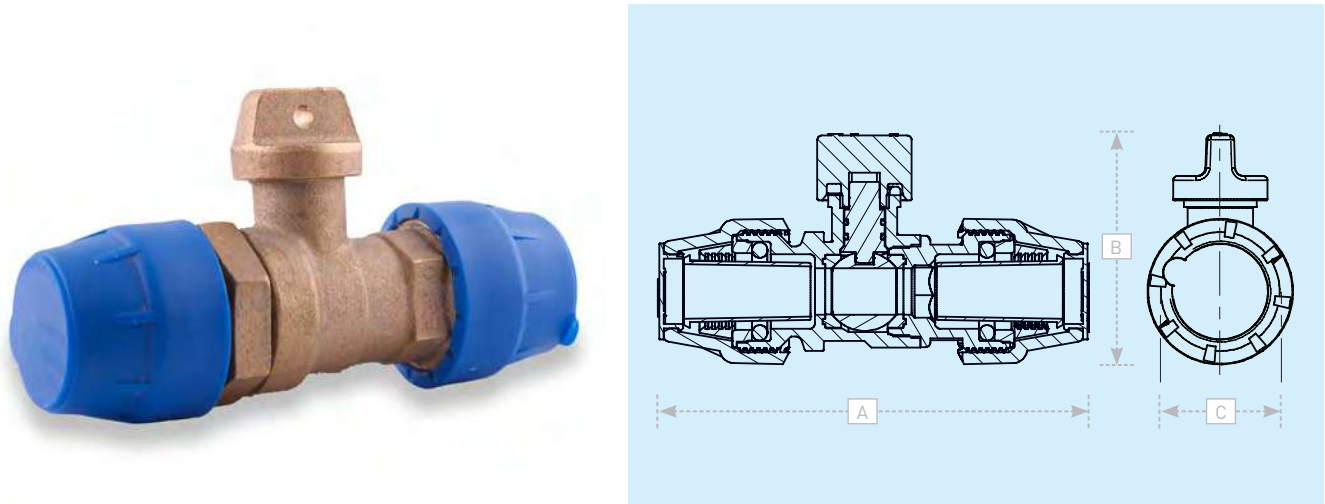
EBCO BS1010  
Spherical Ball Valve -  
BSP Female



Part Number	Size (inlet/outlet)	Headworks	A (mm)	Pack Quantity			Product Weight (kg each)
				Bag	Box	Carton	
EB11-211	½" x ½" Female	¼ Turn Fan Head	75	-	-	-	0.45
EB11-233	¾" x ¾" Female	¼ Turn Fan Head	74	-	-	-	0.50
B11-344	1" x 1" Female	¼ Turn Fan Head	94	-	-	-	0.91
B11-455	1¼" x 1¼" Female	¼ Turn Fan Head	54	-	-	-	1.41
B11-566	1½" x 1½" Female	¼ Turn Fan Head	121	-	-	-	2.31
B11-677	2" x 2" Female	¼ Turn Fan Head	137	-	-	-	3.45
EB11-211R	½" x ½" Female	360° Fan Head	75	-	-	-	0.45
EB11-233R	¾" x ¾" Female	360° Fan Head	74	-	-	-	0.50
B11-344R	1" x 1" Female	360° Fan Head	94	-	-	-	0.91
B11-566R	1½" x 1½" Female	360° Fan Head	121	-	-	-	2.36
B11-677R	2" x 2" Female	360° Fan Head	137	-	-	-	3.45

EBCO Spherical Ball Valve - Push-Fit

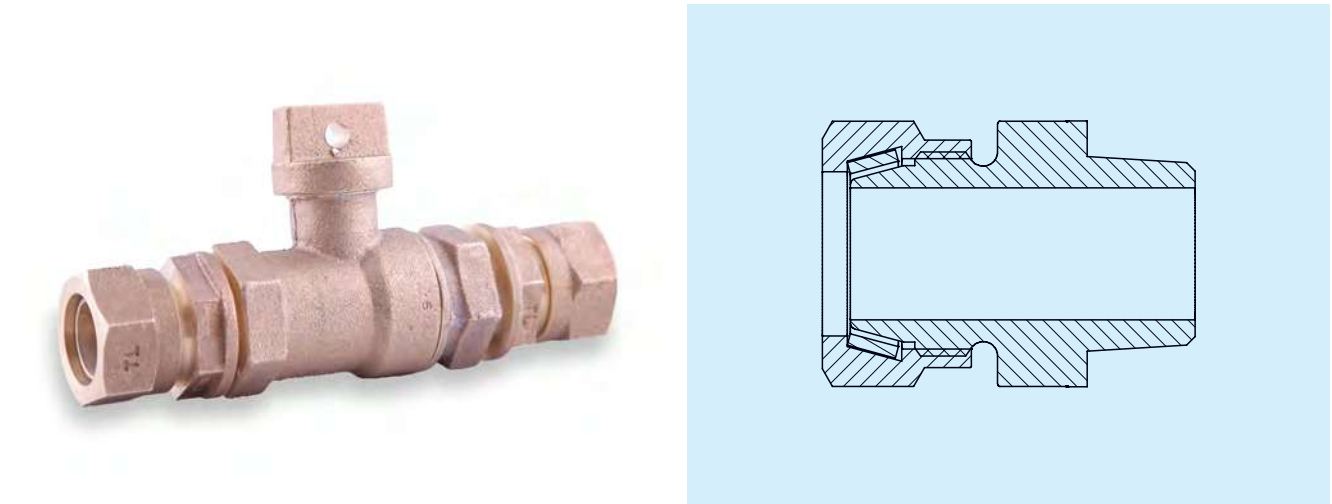
EBCO



Part Number	Size (inlet/outlet)	Headworks	A (mm)	B (mm)	C (mm)	Pack Quantity			Product Weight (kg each)
						Bag	Box	Carton	
SPH92525	25mm x 25mm BPF	¼ Turn Fan Head	173	99	59	-	-	-	0.66
SPH88366	32mm x 32mm BPF	¼ Turn Fan Head	tbc	tbc	tbc	-	-	-	1.14
SPH02525	25mm x 25mm BPF	360° Fan Head	173	99	59	-	-	-	0.65
SPH88366R	32mm x 32mm BPF	360° Fan Head	tbc	tbc	tbc	-	-	-	1.12

EBCO Spherical Ball Valve - EBCO-S Compression Fitting (Type B Copper Pipe)

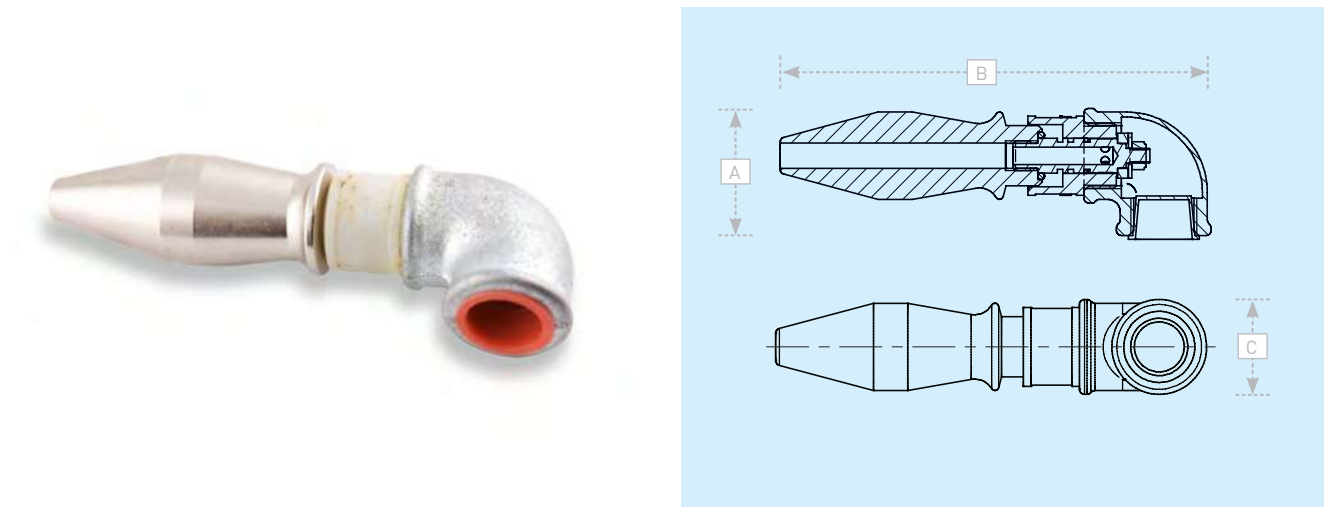
EBCO



Part Number	Size (inlet/outlet)	Headworks	A (mm)	B (mm)	Pack Quantity			Product Weight (kg each)
					Bag	Box	Carton	
EB11-211-15S	15mm x 15mm	¼ Turn Fan Head	135	25	-	-	-	0.70
EB11-233-22S	22mm x 22mm	¼ Turn Fan Head	151	32	-	-	-	0.88
B11-344-28S	28mm x 28mm	¼ Turn Fan Head	183	42	-	-	-	1.68
B11-455-35S	35mm x 35mm	¼ Turn Fan Head	153	50	-	-	-	2.49
B11-566-42S	42mm x 42mm	¼ Turn Fan Head	226	58	-	-	-	4.07
B11-677-54S	54mm x 54mm	¼ Turn Fan Head	247	72	-	-	-	5.45
EB11-233-22SR	22mm x 22mm	360° Fan Head	151	32	-	-	-	0.88
B11-344-28SR	28mm x 28mm	360° Fan Head	183	42	-	-	-	1.68

Talbot Talflo Valve

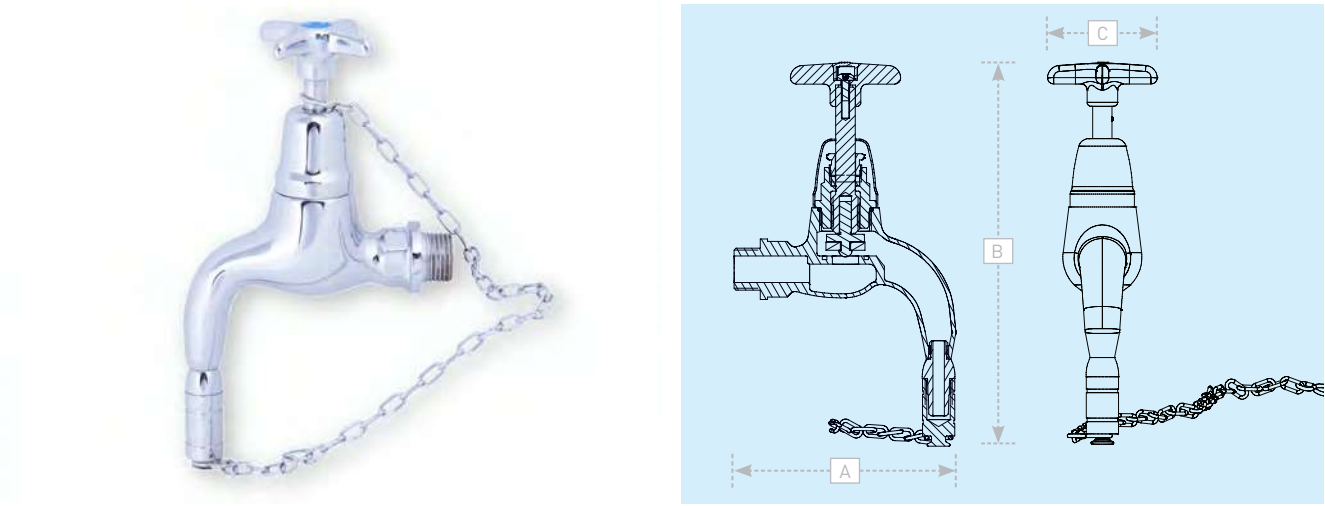
Talbot



Part Number	Size (inlet)	A (mm)	B (mm)	C (mm)	Pack Quantity			Product Weight (kg each)
					Bag	Box	Carton	
E3336	1/2"	50	173	38	-	-	-	0.76
E3337	3/4"	50	173	38	-	-	-	0.70
E3338	1"	50	173	38	-	-	-	0.76

EBCO Sampling Tap

EBCO



Part Number	Size (inlet/outlet)	A (mm)	B (mm)	C (mm) Crutch Head	Pack Quantity			Product Weight (kg each)
					Bag	Box	Carton	
SVSAMP	1/2" Vertical	96	188	55	-	-	-	0.61
SVSAMP02	1/2" Angular	94	175	55	-	-	-	tbc

EBCO

Replacement Headworks Assemblies

Part Number	Compatible Stopcocks/Stopvalves	Headworks	A (mm)	Pack Quantity			Product Weight (kg each)
				Bag	Box	Carton	
TW5402CR	SV5402FCR	Crutch Head	61				0.28
	SV5420ZCR						
	SV5420BCR						
	SV5415CR						
	SV5402MCR						
	SV5403MCR						
	E2988						
TW5403CR	E2982	Crutch Head	68				0.44
	E7619						
	SV5403FCR						
	SV5425ZCR						
	SV5425BCR						
	SV5422CR						
	SV5404MCR						
TW5404CR	E2993	Crutch Head	85				0.82
	E2983						
	E7620						
	SV5404FCR						
	SV5432ZCR						
	SV5432BCR						
	SV5428CR						
TW5406CR	SV5405MCR	Crutch Head	116				1.86
	E2996						
	E2984						
	E7621						
	SV5406FCR						
	SV5450ZCR						
	SV5450BCR						
TW5408CR	SV5442SCR	Crutch Head	131				3.08
	SV5408MCR						
	E2998						
	E3467						
	E7622						
	SV5408FCR						
	SV5463ZCR						
TW1002CR	SV5463BCR	Crutch Head	tbc				0.22
	SV5454SCR						
	E3000						
	E3468						
	E7623						
	SV1002FCRK						
	SV1003FCRK						



# Your Choice in Waterflow Control



TALIS is always the number one choice whenever water transport or control is required. TALIS has the best solution for water and energy management, as well as for industry and municipal applications. With a varied range of more than 20,000 products we offer comprehensive solutions for the entire water cycle. From hydrants to butterfly valves. From service connection valves to needle valves. Our experience, innovative technology, global expertise and individual consultation process form the basis for developing sustainable solutions for the efficient handling of the vital resource "water".



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