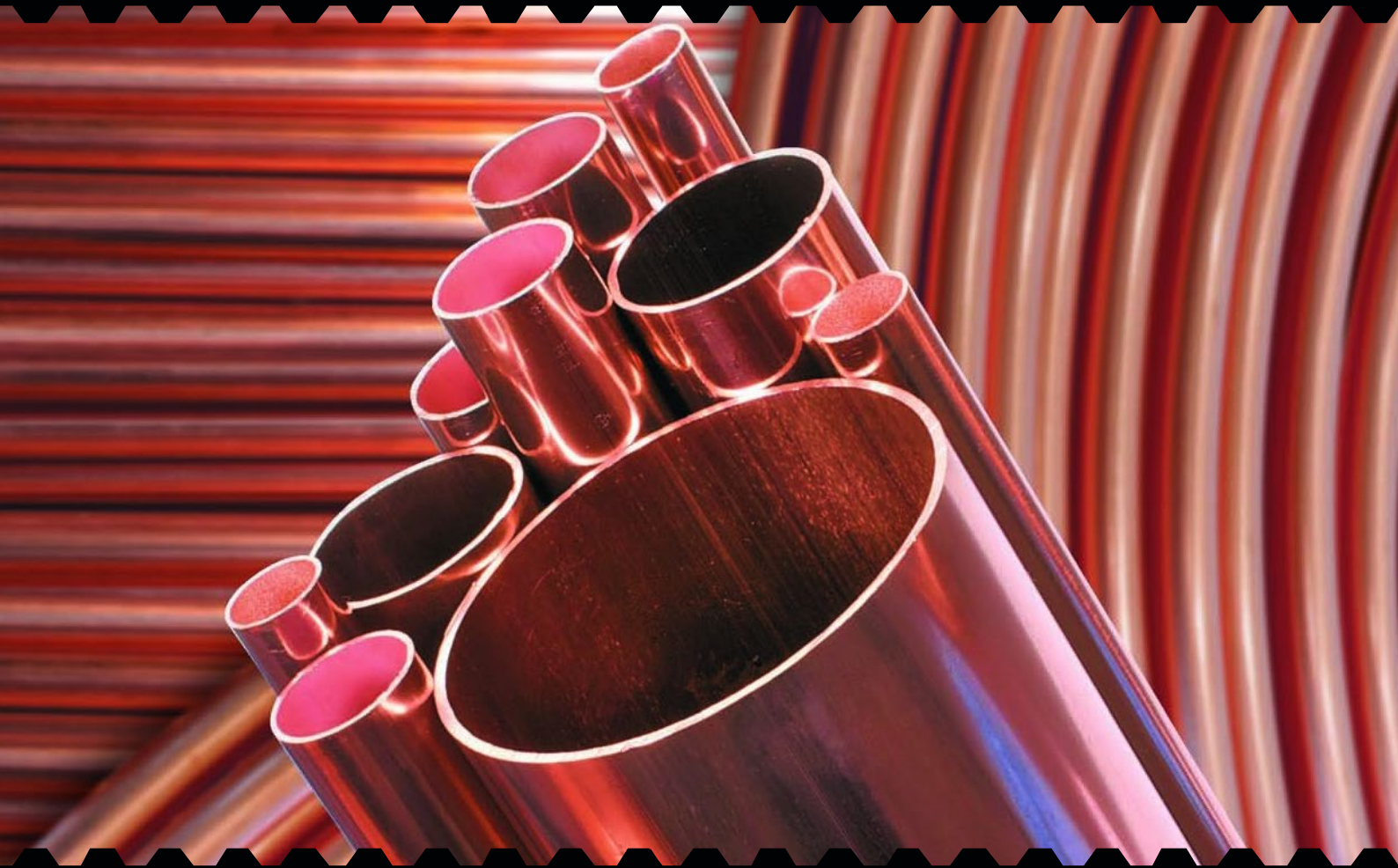


Copper Tube and Fittings



Keeping the art of distribution simple

Copper Tube & Fittings

Shawston offer a complete range of Copper & Carbon Tube, along with a full range of fittings. Our range covers End Feed, Compression & Solder Fittings.

Endfeed Technical Data **Page 3**

Copper Tube **Page 4**



Solder Rings Fittings **Pages 5 - 8**



Compressions Fittings **Pages 9 - 14**



End Feed Fittings **Pages 14 - 18**



Copper Tube

Copper Tube to EN1057 - Formerly BS2871 TX - 3M Lengths



CODE	Description
X153	15mm Table x Copper Tube 3M Length
X223	22mm Table x Copper Tube 3M Length
X283	28mm Table x Copper Tube 3M Length
X353	35mm Table x Copper Tube 3M Length
X423	42mm Table x Copper Tube 3M Length
X543	54mm Table x Copper Tube 3M Length
X673	67mm Table x Copper Tube 3M Length
X763	76mm Table x Copper Tube 3M Length
X1083	108mm Table x Copper Tube 3M Length
X1333	133mm Table x Copper Tube 3M Length
X1593	159mm Table x Copper Tube 3M Length

Copper Tube to EN1057 - Formerly BS2871 TX - 6M Lengths



CODE	Description
X156	15mm Table x Copper Tube 6M Length
X226	22mm Table x Copper Tube 6M Length
X286	28mm Table x Copper Tube 6M Length
X356	35mm Table x Copper Tube 6M Length
X426	42mm Table x Copper Tube 6M Length
X546	54mm Table x Copper Tube 6M Length
X676	67mm Table x Copper Tube 6M Length
X766	76mm Table x Copper Tube 6M Length
X1086	108mm Table x Copper Tube 6M Length
X1336	133mm Table x Copper Tube 6M Length
X1596	159mm Table x Copper Tube 6M Length

Solder Ring

SR01 Couplings



CODE	Sizes (mm)
YP108	8
YP110	10
YP112	12
YPS115	15
YPS122	22
YP128	28
YP135	35
YP142	42
YP154	54

SR01R Reducing Couplings



CODE	Sizes (mm)
YP1R10X08	10 x 8
YP1R15X08	15 x 8
YP1R15X10	15 x 10
YP1R22X15	22 x 15
YP1R28X15	28 x 15
YP1R28X22	28 x 22
YP1R35X28	35 x 28

SR01IM Adapter Couplings



CODE	Sizes
YP1IM15X1/2	15mm x 1/2"
YP1IM22X3/4	22mm x 3/4"
YP1IM28X1	28mm x 1"

SR02 Female Adapter Couplings



CODE	Sizes
YP215X1/2	15 x 1/2"
YP222X3/4	22 x 3/4"
YP228X1	28 x 1"

SR03 Male Adapter Couplings



CODE	Sizes
YP315X1/2	15 x 1/2"
YP315X1/4	15 x 1/4"
YP322X3/4	22 x 3/4"
YP328X1	28 x 1"

Solder Ring

SR06 Reducers



CODE	Sizes (mm)
YP610X08	10 x 8
YP615X08	15 x 8
YP615X10	15 x 10
YP615X12	15 x 12
YPS622X15	22 x 15
YP628X15	28 x 15
YP628X22	28 x 22
YP635X15	35 x 15
YP635X22	35 x 22
YP635X28	35 x 28
YP642X15	42 x 15
YP642X22	42 x 22
YP642X28	42 x 28
YP642X35	42 x 35
YP654X22	54 x 22
YP654X28	54 x 28
YP654X35	54 x 35
YP654X42	54 x 42

SR12 Elbows 90°



CODE	Sizes (mm)
YP1208	8
YP1210	10
YP1212	12
YPS1215	15
YPS1222	22
YP1228	28
YP1235	35
YP1242	42
YP1254	54

SR12S Street Elbows 90°



CODE	Sizes (mm)
YPS12S15	15
YP12S22	22
YP12S28	28

SR21 Obtuse Elbows 45°



CODE	Sizes (mm)
YP2115	15
YP2122	22
YP2128	28
YP2135	35
YP2142	42
YP2154	54

Solder Ring

SR13 Adapter Elbows Male



CODE	Sizes
YP1315X1/2	15 x 1/2"
YP1322X3/4	22 x 3/4"

SR23 Full Crossovers



CODE	Sizes (mm)
YP2315	15
YP2322	22

SR24R Reducing Tees



CODE	Sizes (mm)
YP2515X15X10	15 x 15 x 10
YPS2522X22X15	22 x 22 x 15
YP2528X28X15	28 x 28 x 15
YP2528X28X22	28 x 28 x 22
YP2535X35X15	35 x 35 x 15
YP2535X35X22	35 x 35 x 22
YP2535X35X28	35 x 35 x 28
YP2542X42X15	42 x 42 x 15
YP2542X42X22	42 x 42 x 22
YP2542X42X28	42 x 42 x 28
YP2542X42X35	42 x 42 x 35
YP2554X54X15	54 x 54 x 15
YP2554X54X22	54 x 54 x 22
YP2554X54X28	54 x 54 x 28
YP2554X54X35	54 x 54 x 35
YP2554X54X42	54 x 54 x 42
YP2622X15X22	22 x 15 x 22
YP2628X15X28	28 x 15 x 28
YP2628X22X28	28 x 22 x 28
YP2722X15X15	22 x 15 x 15
YP2728X22X15	28 x 22 x 15
YP2728X22X22	28 x 22 x 22
YP2815X15X22	15 x 15 x 22
YP2822X22X28	22 x 22 x 28

SR14 Adapter Elbows Female



CODE	Sizes
YP1415X1/2	15 x 1/2"
YP1422X3/4	22 x 3/4"

SR24 Equal Tees



CODE	Sizes (mm)
YP2408	8
YP2410	10
YP2412	12
YPS2415	15
YPS2422	22
YP2428	28
YP2435	35
YP2442	42
YP2454	54

Solder Ring & Compression

SR61 End Caps



CODE	Sizes (mm)
YP6108	8
YP6110	10
YP6112	12
YP6115	15
YP6122	22
YP6128	28
YP6135	35
YP6142	42
YP6154	54

Couplings



CODE	Sizes (mm)
C030106	6
C030108	8
C030110	10
C030112	12
C030115	15
C030122	22
C030128	28
C030135	35
C030142	42
C030154	54

Male Iron Adapter Couplings



CODE	Sizes
C030215x1/2	15mm x 1/2"
C030215x3/4	15mm x 3/4"
C030222x1	22mm x 1"
C030222x1/2	22mm x 1/2"
C030222x3/4	22mm x 3/4"
C030228x1	28mm x 1"
C030228x3/4	28mm x 3/4"
C030235x1.1/4	35mm x 1 1/4"
C030242x1.1/2	42mm x 1 1/2"
C030254x2	54mm x 2"

Reducing Couplings



CODE	Sizes (mm)
C030110x08	10 x 8
C030115x08	15 x 8
C030115x10	15 x 10
C030115x12	15 x 12
C030122x15	22 x 15
C030128x15	28 x 15
C030128x22	28 x 22

Compression

Male Iron Taper Adapter Couplings



CODE	Sizes
C0302TA06x1/4	6mm x 1/4
C0302TA08x1/2	8mm x 1/2
C0302TA08x1/4	8mm x 1/4
C0302TA08x3/8	8mm x 3/8
C0302TA10x1/2	10mm x 1/2
C0302TA10x1/4	10mm x 1/4
C0302TA10x3/8	10mm x 3/8
C0302TA12x1/4	12mm x 1/4
C0302TA15x3/8	15mm x 3/8

Female Iron Adapter Couplings



CODE	Sizes
C030306x1/4	6mm x 1/4
C030308x1/4	8mm x 1/4
C030308x3/8	8mm x 3/8
C030310x1/2	10mm x 1/2
C030310x1/4	10mm x 1/4
C030310x3/8	10mm x 3/8
C030315x1/2	15mm x 1/2
C030315x1/4	15mm x 1/4
C030315x3/4	15mm x 3/4
C030315x3/8	15mm x 3/8
C030322x1	22mm x 1
C030322x1/2	22mm x 1/2
C030322x3/4	22mm x 3/4
C030328x1	28mm x 1
C030335x1.1/4	35mm x 1 1/4
C030342x1.1/2	42mm x 1 1/2
C030354x2	54mm x 2

Straight Tap Connectors



CODE	Sizes
C0303SF15x1/2	15mm x 1/2
C0303SF15x3/4	15mm x 3/4
C0303SF22x1	22mm x 1

Elbows 90°



CODE	Sizes (mm)
C040106	6
C040108	8
C040110	10
C040112	12
C040115	15
C040122	22
C040128	28
C040135	35
C040142	42
C040154	54

Straight Tank Connectors



CODE	Sizes (mm)
C032115	15
C032122	22
C032128	28
C032135	35
C032142	42
C032154	54

Compression

Bent Tap Connectors



CODE	Sizes
C0403SF15x1/2	15mm x 1/2
C0403SF22x3/4	22mm x 3/4

Stop Ends



CODE	Sizes (mm)
C032308	8
C032310	10
C032312	12
C032315	15
C032322	22
C032328	28
C032335	35
C032342	42
C032354	54

Equal Tees



CODE	Sizes (mm)
C060106	6
C060108	8
C060110	10
C060112	12
C060115	15
C060122	22
C060128	28
C060135	35
C060142	42
C060154	54

Compression Nuts



CODE	Sizes (mm)
C06308	8
C06310	10
C06315	15
C06322	22
C06328	28
C06335	35
C06342	42
C06354	54

Reducing Tees



CODE	Sizes (mm)
C060115x15x22	15 x 15 x 22
C060122x15x15	22 x 15 x 15
C060122x15x22	22 x 15 x 22
C060122x15	22 x 15
C060122x22x28	22 x 22 x 28
C060128x15	28 x 15
C060128x15x28	28 x 15 x 28
C060128x22	28 x 22
C060128x22x22	28 x 22 x 22
C060135x15	35 x 15
C060135x22	35 x 22
C060135x28	35 x 28

Female Iron Reducing Tees



CODE	Sizes
C061515x1/2	15mm x 1/2
C061522x1/2	22mm x 1/2
C061522x3/4	22mm x 3/4

Compression

Brass Olives



CODE	Sizes (mm)
C06508	8
C06510	10
C06512	12
C06515	15
C06522	22
C06528	28
C06535	35
C06542	42
C06554	54

Reducing Sets



CODE	Sizes (mm)
C06806x10	6 x 10
C06808x15	8 x 15
C06810x08	10 x 8
C06815x10	15 x 10
C06815x12	15 x 12
C06822x15	22 x 15
C06828x15	28 x 15
C06828x22	28 x 22
C06835x15	35 x 15
C06835x22	35 x 22
C06835x28	35 x 28
C06842x15	42 x 15
C06842x22	42 x 22
C06842x28	42 x 28
C06842x35	42 x 35
C06854x15	54 x 15
C06854x22	54 x 22
C06854x28	54 x 28
C06854x35	54 x 35
C06854x42	54 x 42

Male Elbow Adapters 90°



CODE	Sizes
C040210x1/2	10mm x 1/2
C040215x1/2	15mm x 1/2
C040215x3/4	15mm x 3/4
C040222x1	22mm x 1
C040222x1/2	22mm x 1/2
C040222x3/4	22mm x 3/4
C040228x1	28mm x 1
C040235x1.1/4	35mm x 1 1/4
C040242x1.1/2	42mm x 1 1/2
C040254x2	54mm x 2

Compression

Male Taper Elbow Adapters 90°



CODE	Sizes
C0402TA08x1/4	8mm x 1/4
C0402TA10x1/4	10mm x 1/4
C0402TA10x3/8	10mm x 3/8
C0402TA15x1/4	15mm x 1/4

Female Elbow Adapters 90°



CODE	Sizes
C040308x1/4	8mm x 1/4
C040310x1/2	10mm x 1/2
C040310x1/4	10mm x 1/4
C040310x3/8	10mm x 3/8
C040315x1/2	15mm x 1/2
C040315x3/4	15mm x 3/4
C040322x1	22mm x 1
C040322x1/2	22mm x 1/2
C040322x3/4	22mm x 3/4
C040328x1	28mm x 1
C040335x1.1/4	35mm x 1 1/4
C040342x1.1/2	42mm x 1 1/2
C040354x2	54mm x 2

Female Wallplate Elbow Adapters 90°



CODE	Sizes
C0403WL15x1/2	15mm x 1/2
C0403WL22x1/2	22mm x 1/2
C0403WL22x3/4	22mm x 3/4

End Feed

EF01 Couplings



CODE	Sizes (mm)
EN108	8
EN110	10
EN112	12
EN115	15
EN122	22
EN128	28
EN135	35
EN142	42
EN154	54
EN167	67
EN176	76
EN1S15	15
EN1S22	22
EN1S28	28
EN1S35	35
EN1S42	42
EN1S54	54

EF06 Reducing Couplings



CODE	Sizes (mm)
EN612X08	12 x 8
EN615X08	15 x 8
EN615X10	15 x 10
EN615X12	15 x 12
EN622X15	22 x 15
EN628X15	28 x 15
EN628X22	28 x 22
EN635X15	35 x 15
EN635X22	35 x 22
EN635X28	35 x 28
EN642X15	42 x 15
EN642X22	42 x 22
EN642X28	42 x 28
EN642X35	42 x 35
EN654X15	54 x 15
EN654X22	54 x 22
EN654X28	54 x 28
EN654X35	54 x 35
EN654X42	54 x 42
EN667X35	67 x 35
EN667X42	67 x 42
EN667X54	67 x 54
EN676X35	76 x 35
EN676X42	76 x 42
EN676X54	76 x 54
EN676X67	76 x 67

EF02 Adapter Couplings Female



CODE	Sizes
EN215X1/2	15mm x 1/2
EN215X1/4	15mm x 1/4
EN215X3/8	15mm x 3/8
EN222X3/4	22mm x 3/4
EN228X1	28mm x 1
EN235X1.1/4	35mm x 1 1/4
EN242X1.1/2	42mm x 1 1/2
EN254X2	54mm x 2

End Feed

EF03 Adapter Couplings Male



CODE	Sizes
EN315X1/2	15mm x 1/2
EN315X1/4	15mm x 1/4
EN315X3/4	15mm x 3/4
EN315X3/8	15mm x 3/8
EN322X1	22mm x 1
EN322X3/4	22mm x 3/4
EN328X1	28mm x 1
EN335X1.1/4	35mm x 1 1/4
EN342X1.1/2	42mm x 1 1/2
EN354X2	54mm x 2
EN367X2.1/2	67mm x 2 1/2
EN367X3	67mm x 3
EN376X3	76mm x 3

EF05 Tank Connectors



CODE	Sizes (mm)
EN515	15
EN522	22
EN528	28

EF12S Street Elbows 90°



CODE	Sizes (mm)
EN12S10	10
EN12S15	15
EN12S22	22
EN12S28	28
EN12S35	35
EN12S42	42
EN12S54	54

EF12 Elbows 90°



CODE	Sizes (mm)
EN1208	8
EN1210	10
EN1212	12
EN1215	15
EN1222	22
EN1228	28
EN1235	35
EN1242	42
EN1254	54
EN1267	67
EN1276	76
EN12108	108

End Feed

EF14 Adapter Elbows



CODE	Sizes
EN1415X1/2	15 x 1/2
EN1422X3/4	22 x 3/4
EN1428X1	28 x 1

EF22 Part Crossovers



CODE	Sizes (mm)
EN2215	15
EN2222	22

EF24 Equal Tees



CODE	Sizes (mm)
EN2408	8
EN2410	10
EN2412	12
EN2415	15
EN2422	22
EN2428	28
EN2435	35
EN2442	42
EN2454	54
EN2467	67
EN2476	76
EN24108	108

EF23 Full Crossovers



CODE	Sizes (mm)
EN2315	15
EN2322	22

EF24P Swept Branch Tees



CODE	Sizes (mm)
EN24P15	15
EN24P22	22
EN24P28	28

EF30 FI Centre Tees



CODE	Sizes
EN15X1/2	15 x 15 x 1/2
EN22X3/4	22 x 22 x 3/4

End Feed

EF24R Reducing Tees



CODE	Sizes (mm)	CODE	Sizes (mm)	CODE	Sizes (mm)
EN2515X08	15 x 15 x 8	EN25108X76	108 x 108 x 76	EN2735X28X28	35 x 28 x 28
EN2515X10	15 x 15 x 10	EN2615X10X15	15 x 10 x 15	EN2742X35X35	42 x 35 x 35
EN2515X12	15 x 15 x 12	EN2622X15X22	22 x 15 x 22	EN2810X10X15	10 x 10 x 15
EN2522X15	22 x 22 x 15	EN2628X15X28	28 x 15 x 28	EN2815X15X22	15 x 15 x 22
EN2528X15	28 x 28 x 15	EN2628X22X28	28 x 22 x 28	EN2822X22X28	22 x 22 x 28
EN2528X22	28 x 28 x 22	EN2635X15X35	35 x 15 x 35	EN2828X28X35	28 x 28 x 35
EN2535X15	35 x 35 x 15	EN2635X22X35	35 x 22 x 35	EP2728X22X15	28 x 22 x 15
EN2535X22	35 x 35 x 22	EN2635X28X35	35 x 28 x 35		
EN2535X28	35 x 35 x 28	EN2642X15X42	42 x 15 x 42		
EN2542X15	42 x 42 x 15	EN2642X22X42	42 x 22 x 42		
EN2542X22	42 x 42 x 22	EN2642X28X42	42 x 28 x 42		
EN2542X28	42 x 42 x 28	EN2642X35X42	42 x 35 x 42		
EN2542X35	42 x 42 x 35	EN2654X28X54	54 x 28 x 54		
EN2554X15	54 x 54 x 15	EN2654X35X54	54 x 35 x 54		
EN2554X22	54 x 54 x 22	EN2654X42X54	54 x 42 x 54		
EN2554X28	54 x 54 x 28	EN2667X54X67	67 x 54 x 67		
EN2554X35	54 x 54 x 35	EN2676X54X76	76 x 54 x 76		
EN2554X42	54 x 54 x 42	EN2676X67X76	76 x 67 x 76		
EN2567x54	67 x 67 x 54	EN2715X10X10	15 x 10 x 10		
EN2576X54	76 x 76 x 54	EN2722X15X15	22 x 15 x 15		
EN2576X67	76 x 76 x 67	EN2728X15X15	28 x 15 x 15		
EN25108X54	108 x 108 x 54	EN2728X15X22	28 x 15 x 22		
EN25108X67	108 x 108 x 67	EN2728X22X22	28 x 22 x 22		

End Feed

EF30R FI Centre Reducing Tees



CODE	Size
EN28X1/2	28 x 28 x 1/2

EF29R FI End Reducing Tees



CODE	Size
EN2922X1/2X22	22 x 1/2 FI x 22

EF21 Obtuse Elbows 45°



CODE	Sizes (mm)
EN2115	15
EN2122	22
EN2128	28
EN2135	35
EN2142	42
EN2154	54
EN2167	67
EN2176	76
EN21108	108
EN2467	67
EN2476	76
EN24108	108

EF61 End Caps



CODE	Sizes (mm)
EN6108	8
EN6110	10
EN6112	12
EN6115	15
EN6122	22
EN6128	28
EN6135	35
EN6142	42
EN6154	54
EN6167	67

EF21S Obtuse Street Elbows 45°



CODE	Sizes (mm)
EN21S15	15
EN21S22	22
EN21S28	28
EN21S35	35
EN21S42	42
EN21S54	54

Endfeed Technical Data

Endfeed fittings use either capillary soldered or brazed joints to connect copper tube manufactured to BS EN 1057.

- Available in sizes from 8mm to 159mm. Fittings sized 67mm or bigger must be installed using a brazing alloy.
- Product materials include DHP copper, bronze/gunmetal and dezincification resistant (DZR) brass with nuts supplied in CW617N hot forging brass.
- Suitable for use in a wide range of domestic and commercial applications, including central heating systems and both above and below ground domestic/potable water services, as well as with oil, gas and other engineering pipeline services.
- Manufactured to BS EN 1254 parts 1 and 5 and ISO 228 (where relevant).
- Fully WRAS-approved.

Working pressures are as follows:

Soft Solder/Brazing Alloy (Example)	Max Temp	Max Pressure (by socket ID size)		
		8mm-28mm	35mm-54mm	67mm +
Copper - 0.4%- 3% (max) Tin - remaining	30°C	25 bar	25 bar	16 bar
	65°C	25 bar	16 bar	16 bar
	110°C	16 bar	10 bar	10 bar
Lead - 60% Tin - 40%	30°C	16 bar	16 bar	10 bar
	65°C	10 bar	10 bar	6 bar
	110°C	6 bar	6 bar	4 bar

www.shawston.co.uk

Shawston London
Units G & H,
Hillbottom Road,
Sands Industrial Estate,
High Wycombe,
Bucks HP12 4HS

Tel: 01494 460 910
Fax: 01494 522 573
Email: London@shawston.co.uk

Shawston Birmingham
Bay 1, Block D,
The Bescot Estate,
Woden Road West, Wednesbury
West Midlands WS10 7SG

Tel: 0121 556 3400
Fax: 0121 506 4669
Email: Birmingham@shawston.co.uk

Shawston Manchester
Great Norbury Street,
Hyde,
Cheshire SK14 1BW

Tel: 0161 368 4545
Fax: 0161 367 8114
Email: Manchester@shawston.co.uk

Shawston Glasgow
Block 1 Unit 4,
Annick Industrial Estate,
31 Sandilands Street,
Shettleston,
Glasgow G32 OHT

Tel: 0141 778 6975
Fax: 0141 778 6264
Email: Glasgow@shawston.co.uk
