

elson  
CAPILLARY

**THE BRAND PLUMBERS TRUST**



Capillary Pressure Fittings  
- Copper & Brass

Product information and installation manual



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## Elson Capillary Pressure Fitting Warranty

Elson as the manufacturer and wholesale supplier of quality plumbing products is passionate about quality, customer service and product support. Elson recognises the importance of providing the support, confidence and peace of mind to install elson Capillary Pressure fittings.

Accordingly, Elson will provide the same warranty on elson Capillary Pressure Fittings as the copper tube used on the installation to a maximum of 25 years. Please note that if the warranty on the copper tube is 10 years then the elson Capillary Pressure Fitting warranty will also be 10 years.

The warranty applies to fault or defect of the elson Capillary Pressure Fitting only and does not cover fault arising from either incorrect installation or the installation environment. See Warranty conditions.

## elson Capillary Pressure Fittings Installation Procedure

### Introduction

Every elson product undergoes strict testing and analysis, and uses the finest quality raw materials and highest manufacturing tolerances to supply you with legendary elson quality brands that Plumbers Trust. elson capillary pressure fittings are true to this successful formula with a complete range of fittings from 15mm to 200mm. All elson capillary pressure fittings are conformant with **AS 3688** certified by SAI Global under licence number **WMK 26127**.

### Scope

elson capillary pressure fittings provide a durable and secure leak-proof joint for water, gas, solar, fire service, mechanical services and other installation applications.

Installation of elson capillary pressure fittings must only be carried out using the following materials:

- Copper tube, must be compliant with **AS 1432**.
- Silver Solder for “Brazing” compliant with **AS 1167.1**
- Lead Free Solder for “Soldering”
- Solder Flux – specific and approved for Silver Solder Brazing or Lead Free Solder Soldering.

### Installation – must be carried out in accordance with AS 4809

**SAFETY – in accordance with AS 1674 and the specific job risk assessment**

### Measuring

Measuring the length of the pipe including allowance for the fitting plus insertion depth into the fitting is crucial for problem free joint installation. **WARNING:** Cutting the pipe too short can cause insertion problems and a tendency for the joint connection to spring back prior to soldering at full insertion depth. Cutting the pipe too long can cause misalignment and distortion to the capillary joint affect.

### Cutting the tube

All copper tube cuts must be made straight and square. The cutting process must be carried out ensuring the pipe remains completely round and is not deformed. If the copper tube is deformed or “out of round” then you must re-cut the copper tube allowing a minimum of twice the insertion depth of the pipe to retain shape. When using a tube cutter you must ensure that the tool is clean and in a fully functional working condition including sharp and undamaged cutter wheels and clean, free rolling rollers, free of dirt, grit, oil or other debris.

### Deburring the copper tube

All tube ends must be deburred to ensure the end of the tube retains its original internal and external manufactured dimensions. Take care to remove all swarf and copper filings from the tube. It is recommended to use a quality and size specific deburring tool to carry out this procedure requirement.

## Cleaning the tube and fitting

Clean the copper tube and fitting with a light grade emery cloth or fine wire brush to ensure the removal of all surface oxidisation with no excessive scratching of the external or internal joint surface. Do not use steel wool. The copper tube and fitting must have a shiny joint bearing surface before proceeding. Remove all fines from both the external and internal joint surfaces of the tube and fitting. **Note:** Expanded copper tube joints require the internal joint surface to have this same preparation.

## Application of Flux / Joint Assembly

Using only a specific and approved Flux - matched to the solder, apply a thin and consistent coating to the tube and fitting joint surface sections only. Do this immediately after the cleaning process to avoid any new oxidization. Avoid any dirt or grit contaminate on the flux, (if evident, wipe clean and re-do) then immediately insert the tube completely into the fitting and hold in place. Wipe the fitting and pipe free of any excess Solder Flux. **WARNING:** Solder Flux is corrosive to etch and clean the joint surfaces prior to soldering. Failure to remove excess flux can speed up the oxidization process to the detriment of the installation.

## Application of Heat – consult your safety plan first!

The most common form of heat application for silver solder Brazing is oxyacetylene however other options can include propane / oxygen and air / acetylene. Soldering Brass fittings using Lead Free solder is generally done using L.P.Gas. It is the responsibility of the installer to ensure that the flux, solder and heating applications are compatible, (consult the manufacturer's instructions).

Apply the heat to the pipe and joint fitting area, keeping the flame moving at all times to apply an even heat and avoid any localised overheating which can deplete the flux and in worst cases blow a hole in the tube or "cook" or "burn" the tube and/or fitting. Indicators to achieve optimum brazing / soldering temperatures include a red glow of the copper joint and the melting of the silver solder upon light contact with the copper tube and the copper capillary pressure fitting joint. Brass fittings cannot sustain the same heat as copper fitting and must NOT be subjected to over-heating. Over-heating of Brass changes the physical properties of the fitting causing immediate or early failure. (Recognising the correct heat application takes time and experience.) As the optimum heat is achieved the solder should noticeably be "sucked" into the capillary joint to the point where the capillary gap is filled. Once the capillary gap is filled around the full circumference of the joint you need to remove the heat and cease any further addition of solder. Allow the joint to cool prior to any movement.

**WARNING:** Allow the joint to cool naturally prior to any movement. Shock cooling / quenching the joint with water may stress the joint and fitting causing joint failure.

Do not add extra solder after the capillary joint is filled as this does not add strength to the joint and can cause solder to run inside the joint. Always remove any remaining flux from the joint.

## Testing the Installation

Final testing of the installation must be conducted in accordance with AS/NZS 3500 and AS 4809 including any additional local regulatory authority regulations and/or requirements.

**NOTE:** This product must be installed by a licenced Plumber in accordance with AS/NZS 3500 other Standard Installation Practices and applicable local authority requirements.

**GENERAL SAFETY WARNING for brazing and braze welding Specific to Welding and Brazing Filler Metals – as per AS1167.1 (most commonly Silver Solder)**

PROTECT YOURSELF AND OTHERS.

READ AND UNDERSTAND THE PRODUCT LABEL.

FUMES AND GASES CAN ENDANGER YOUR HEALTH.

HEAT RAYS / INFRA RED RADIATION FROM FLAME OR HOT METAL CAN INJURE EYES.

**WARNING:** READ AND UNDERSTAND THE MATERIALS SAFETY DATA SHEETS ON FILE WITH YOUR EMPLOYER AND YOUR EMPLOYER'S SAFETY PRACTICES.

KEEP YOUR HEAD OUT OF THE FUMES.

USE ENOUGH NATURAL VENTILATION, OR EXHAUST VENTILATION AT THE FUME SOURCE, OR BOTH, TO KEEP FUMES AND GASES FROM THE BREATHING ZONE AND THE GENERAL AREA.

WEAR CORRECT EYE, EAR AND BODY PROTECTION.

SEE AS 1674.1 AS 1674.2 WTIA TECHNICAL NOTE 7 AND WTIA FUME MINIMIZATION GUIDELINES, OR THE FILLER METAL SUPPLIER'S RECOMMENDATIONS FOR FURTHER INFORMATION.

### **Technical Information**

elson Capillary Pressure Fittings are conformant with AS3688 and certified by SAI Global under licence number WMK 26127.

elson Capillary Pressure Fittings are suitable for installation with AS 1432 compliant Copper Tubes.

Maximum water pressure: 1400kPa @ 95 degrees Celsius.

Maximum water pressure: 2000kPa @ 20 degrees Celsius.

Maximum Gas pressure: 500kPa @ 70 degrees\* Celsius.

\* In accordance with A S3688.

\* The scope of AS / NZS 5601 for all gas systems is restricted to 200kPa @ 70 degrees Celsius.

Comparison melting points of elson capillary fittings: Copper 1083 °C, Brass 870 °C. Since brazing is generally carried out at temperatures between 620 °C → 843 °C extreme care must be taken.

According to "The American Welding Society":

Brazing = working heat temperatures above 450 °C.

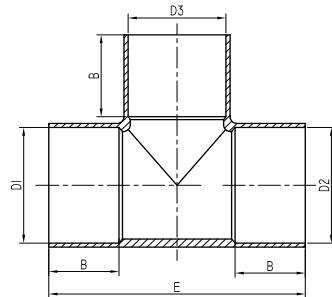
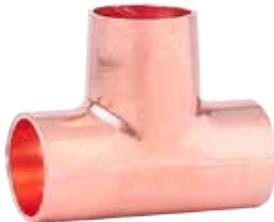
Soldering = working heat temperature below 450 °C.

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**PRODUCT  
LISTING**

## Capillary Pressure Fittings

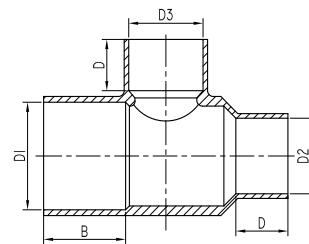
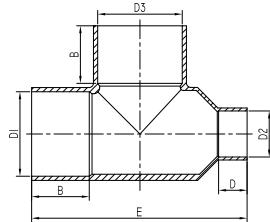
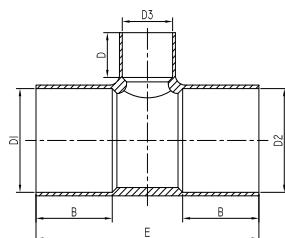
Equal Tee						
Code	Description	Size (D1)	Size (D2)	Size (D3)	B(min)	E
37160	DN15-DN15-DN15 LE HP	DN15	DN15	DN15	9.0	34.0
37163	DN20-DN20-DN20 SE HP	DN20	DN20	DN20	10.0	50.0
37164	DN25-DN25-DN25 SE HP	DN25	DN25	DN25	10.0	50.0
37166	DN32-DN32-DN32 SE HP	DN32	DN32	DN32	10.0	67.0
37167	DN40-DN40-DN40 SE HP	DN40	DN40	DN40	10.0	70.0
37168	DN50-DN50-DN50 SE HP	DN50	DN50	DN50	10.0	92.0
37169	DN65-DN65-DN65 SE HP	DN65	DN65	DN65	10.0	108.0
37170	DN80-DN80-DN80 SE HP	DN80	DN80	DN80	14.0	128.0
37171	DN100-DN100-DN100 SE HP	DN100	DN100	DN100	14.0	156.0
37172	DN125-DN125-DN125 SE HP	DN125	DN125	DN125	14.0	184.0
37173	DN150-DN150-DN150 SE HP	DN150	DN150	DN150	18.0	218.0
37174	DN200-DN200-DN200 SE HP	DN200	DN200	DN200	18.0	300.0



## Capillary Pressure Fittings

### Reducing Tee

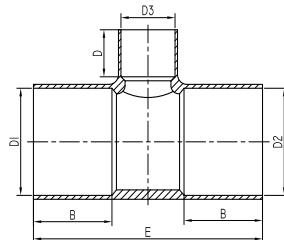
Code	Description	Size (D1)	Size (D2)	Size (D3)	B(min)	D	E
37212	DN20-DN20-DN15 LE HP	DN20	DN20	DN15	13.5	9.0	46.0
37216	DN25-DN25-DN15 LE HP	DN25	DN25	DN15	17.0	9.0	52.0
37218	DN25-DN25-DN20 LE HP	DN25	DN25	DN20	17.0	13.5	58.0
37236	DN20-DN15-DN20 LE HP	DN20	DN15	DN20	13.5	9.0	50.0
37246	DN20-DN15-DN15 LE HP	DN20	DN15	DN15	13.5	9.0	
37250	DN25-DN20-DN20 LE HP	DN25	DN20	DN20	17.0	13.5	
37254	DN32-DN32-DN20 SE HP	DN32	DN32	DN20	10.0	10.0	51.0
37256	DN32-DN32-DN25 SE HP	DN32	DN32	DN25	10.0	10.0	57.0
37260	DN40-DN40-DN20 SE HP	DN40	DN40	DN20	10.0	10.0	55.0
37262	DN40-DN40-DN25 SE HP	DN40	DN40	DN25	10.0	10.0	63.0
37264	DN40-DN40-DN32 SE HP	DN40	DN40	DN32	10.0	10.0	63.0
37266	DN50-DN50-DN20 SE HP	DN50	DN50	DN20	10.0	10.0	65.0
37268	DN50-DN50-DN25 SE HP	DN50	DN50	DN25	10.0	10.0	70.0
37270	DN50-DN50-DN32 SE HP	DN50	DN50	DN32	10.0	10.0	75.0
37272	DN50-DN50-DN40 SE HP	DN50	DN50	DN40	10.0	10.0	80.0



## Capillary Pressure Fittings

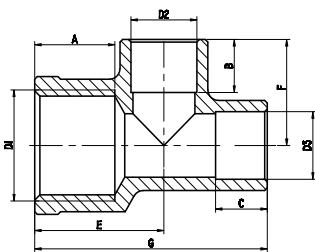
### Reducing Tee

Code	Description	Size (D1)	Size (D2)	Size (D3)	B(min)	D	E
37278	DN65-DN65-DN32 SE HP	DN65	DN65	DN32	10.0	10.0	74.0
37280	DN65-DN65-DN40 SE HP	DN65	DN65	DN40	10.0	10.0	80.0
37282	DN65-DN65-DN50 SE HP	DN65	DN65	DN50	10.0	10.0	95.0
37284	DN80-DN80-DN25 SE HP	DN80	DN80	DN25	14.0	10.0	90.0
37290	DN80-DN80-DN50 SE HP	DN80	DN80	DN50	14.0	10.0	103.0
37292	DN80-DN80-DN65 SE HP	DN80	DN80	DN65	14.0	10.0	115.0
37294	DN100-DN100-DN50 SE HP	DN100	DN100	DN50	14.0	10.0	103.0
37298	DN100-DN100-DN80 SE HP	DN100	DN100	DN80	14.0	14.0	126.0
37304	DN125-DN125-DN100 SE HP	DN125	DN125	DN100	14.0	14.0	160.0
37306	DN150-DN150-DN100 SE HP	DN150	DN150	DN100	18.0	14.0	160.0



### TEE NO.29

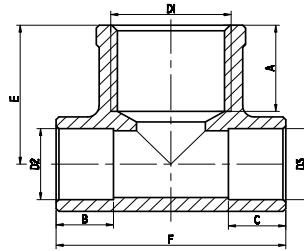
Code	Description	Size (D1)	Size (D2)	Size (D3)	A	B	C	E	F	G
83548	15mm FI x 15mm OD x 15mm OD	G 1/2	DN15	DN15	15.5	10.0	10.0	25.0	20.0	45.0
83550	20mm FI x 20mm OD x 20mm OD	G 3/4	DN20	DN20	16.0	15.0	15.0	30.5	26.0	56.5



## Capillary Pressure Fittings

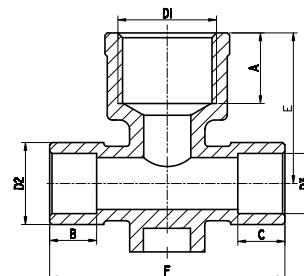
### TEE NO.30

Code	Description	Size (D1)	Size (D2)	Size (D3)	A	B	C	E	F
83552	15mm OD x 15mm OD x 15mm FI	G 1/2	DN15	DN15	15.5	10.0	10.0	25.0	40.0
83553	20mm OD x 20mm OD x 20mm FI	G 3/4	DN20	DN20	16.0	15.0	15.0	29.0	54.0
83554	20mm OD x 20mm OD x 15mm FI	G 1/2	DN20	DN20	14.0	13.5	13.5	27.0	48.0



### TEE NO.30BP

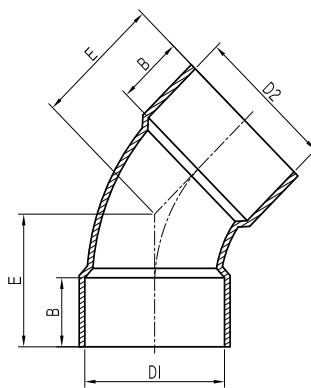
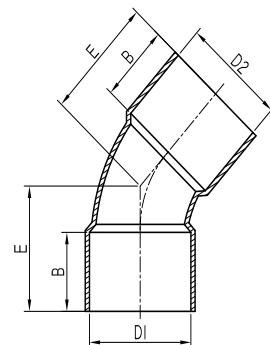
Code	Description	Size (D1)	Size (D2)	Size (D3)	A	B	C	E	F
83556	15mm OD x 15mm OD x 15mm FI	G 1/2	DN15	DN15	15.0	10.0	10.0	32.0	50.0
83558	20mm OD x 20mm OD x 15mm FI	G 3/4	DN20	DN20	14.0	16.0	16.0	28.0	52.0



## Capillary Pressure Fittings

### 45 DEG Elbow F&F

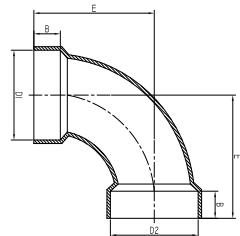
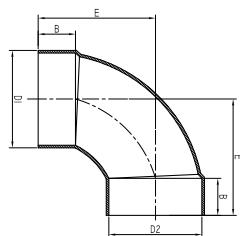
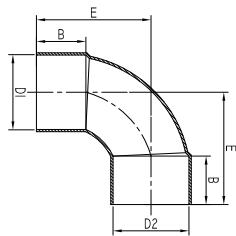
Code	Description	Size (D1)	Size (D2)	B(min)	E
37410	DN20-DN20 LE HP	DN20	DN20	13.5	24.0
37412	DN25-DN25 LE HP	DN25	DN25	17.0	28.0
37424	DN32-DN32 SE HP	DN32	DN32	10.0	25.0
37426	DN40-DN40 SE HP	DN40	DN40	10.0	29.0
37428	DN50-DN50 SE HP	DN50	DN50	10.0	34.0
37430	DN65-DN65 SE HP	DN65	DN65	10.0	40.0
37432	DN80-DN80 SE HP	DN80	DN80	14.0	46.0
37434	DN100-DN100 SE HP	DN100	DN100	14.0	65.0
37435	DN125-DN125 SE HP	DN125	DN125	14.0	104.0
37436	DN150-DN150 SE HP	DN150	DN150	18.0	126.0
37437	DN200-DN200 SE HP	DN200	DN200	18.0	160.0



## Capillary Pressure Fittings

### 90 DEG Elbow NO.12 F&F

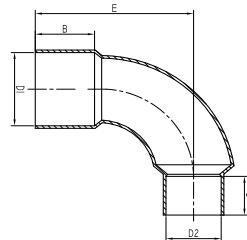
Code	Description	Size (D1)	Size (D2)	B(min)	E
37080	DN15-DN15 LE HP SR	DN15	DN15	9.0	20.0
37082	DN20-DN20 LE HP SR	DN20	DN20	13.5	28.0
37084	DN25-DN25 LE HP SR	DN25	DN25	17.0	38.0
37086	DN32-DN32 SE HP SR	DN32	DN32	10.0	44.0
37085	DN40-DN40 SE HP SR	DN40	DN40	10.0	54.0
37087	DN50-DN50 SE HP SR	DN50	DN50	10.0	69.0
37088	DN65-DN65 SE HP SR	DN65	DN65	10.0	84.0
37089	DN80-DN80 SE HP SR	DN80	DN80	14.0	96.0
37090	DN100-DN100 SE HP SR	DN100	DN100	14.0	95.0
37092	DN150-DN150 SE HP SR	DN150	DN150	18.0	146.0
37115	DN32-DN32 SE HP LR	DN32	DN32	10.0	61.0
37116	DN40-DN40 SE HP LR	DN40	DN40	10.0	71.0
37117	DN50-DN50 SE HP LR	DN50	DN50	10.0	94.0
37118	DN65-DN65 SE HP LR	DN65	DN65	10.0	117.0
37119	DN80-DN80 SE HP LR	DN80	DN80	14.0	136.0
37120	DN100-DN100 SE HP LR	DN100	DN100	14.0	168.0
37122	DN125-DN125 SE HP LR	DN125	DN125	14.0	216.0
37124	DN150-DN150 SE HP LR	DN150	DN150	18.0	261.0
37126	DN200-DN200 SE HP LR	DN200	DN200	18.0	336.0



## Capillary Pressure Fittings

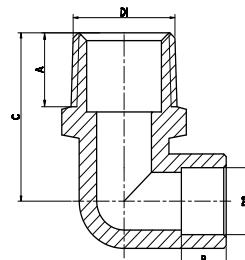
### 90 DEG Reducing Elbow

Code	Description	Size (D1)	Size (D2)	B(min)	D	E
37134	DN20-DN15 LE HP SR	DN20	DN15	13.5	9.0	30.0



### ELBOW CxM NO.13

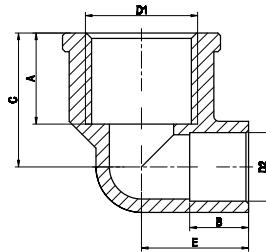
Code	Description	Size (D1)	Size (D2)	A	B	C
83010	15mm OD x 15mm MI	R 1/2	DN15	14.1	9.0	32.1
83012	20mm OD x 15mm MI	R 1/2	DN20	14.1	13.5	36.6
83014	20mm OD x 20mm MI	R 3/4	DN20	15.4	13.0	31.4
83019	25mm OD x 25mm MI	R 3/4	DN25	15.4	16.5	35.7
83015	25mm OD x 20mm MI	R 1	DN25	18.0	16.5	40.5
83021	32mm OD x 32mm MI	R 1 1/4	DN32	20.3	17.0	47.3
83023	40mm OD x 40mm MI	R 1 1/2	DN40	20.3	17.0	53.3
83025	50mm OD x 50mm MI	R 2	DN50	24.6	18.0	71.1



## Capillary Pressure Fittings

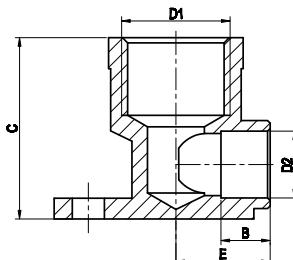
### ELBOW CxM NO.14

Code	Description	Size (D1)	Size (D2)	A	B	C	E
83116	15mm OD x 15mm FI	G 1/2	DN15	15.0	9.0	25.0	18.0
83120	20mm OD x 15mm FI	G 1/2	DN20	14.0	13.5	34.0	33.5
83122	20mm OD x 20mm FI	G 3/4	DN20	15.0	8.5	37.0	30.5
83127	25mm OD x 25mm FI	G 1	DN25	15.0	17.0	29.5	34.5
83123	25mm OD x 20mm FI	G 1 1/4	DN32	18.0	17.0	37.0	30.0
83129	32mm OD x 32mm FI	G 1 1/2	DN40	25.0	17.0	44.5	42.5
83131	40mm OD x 40mm FI	G 2	DN50	23.0	17.0	46.0	47.5



### ELBOW NO.15BP LUGGED

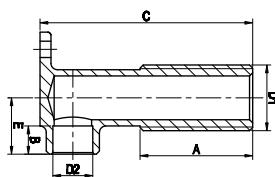
Code	Description	Size D1)	Size (D2)	A	B	C	E
83224	15mm OD x 15mm FI	G 1/2	DN15	15.0	9.5	35.0	18.2
83226	20mm OD x 15mm FI	G 1/2	DN20	16.9	9.0	37.9	20.0
83228	20mm OD x 20mm FI	G 3/4	DN20	17.0	13.0	35.0	28.0



## Capillary Pressure Fittings

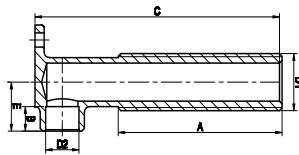
### ELBOW NO.19BP LUGGED

Code	Description	Size (D1)	Size (D2)	A	B	C	E
83330	15mm OD x 15mm MI	G 1/2	DN15	36.0	9.0	68.0	18.0
83332	18mm OD x 15mm MI	G 1/2	DN18	38.0	12.0	72.0	32.0
83334	20mm OD x 15mm MI	G 1/2	DN20	38.0	14.0	72.0	34.5



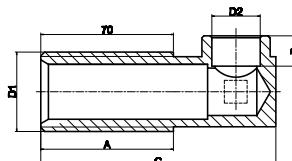
### ELBOW NO.19BP EXTENDED

Code	Description	Size (D1)	Size (D2)	A	B	C	E
83336	EXT 15mm OD x 15mm MI x 95mm	G 1/2	DN15	62.0	8.5	95.0	18.5



### RIGHT ANGLE WINGED CONNECTOR (SPUD)

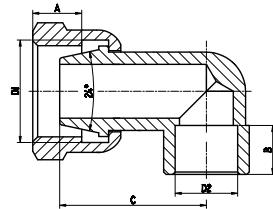
Code	Description	Size (D1)	Size (D2)	A	B	C
82690	15mm OD x 15mm MI	G 1/2 B	DN15	30.0	9.0	60.0



## Capillary Pressure Fittings

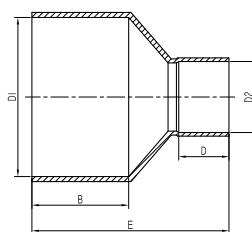
### CONNECTOR BENT TAP NO.63

Code	Description	Size (D1)	Size(D2)	A	B	C
82584	15mm OD x 15mm NUT	G 1/2	DN15	10.0	8.0	30.0
82586	20mm OD x 20mm NUT	G 3/4	DN20	10.0	12.0	35.5



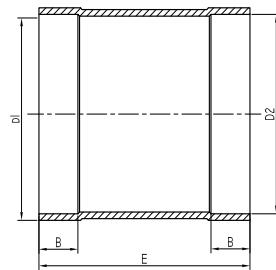
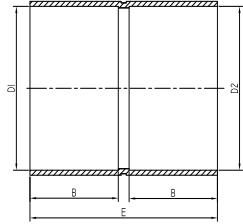
### Reducing Coupling F&F

Code	Description	Size (D1)	Size (D2)	B(min)	D	E
37516	DN20-DN15 LE HP F&F	DN20	DN15	13.5	9.0	30.0
37519	DN25-DN20 LE HP F&F	DN25	DN20	14.0	13.5	38.0



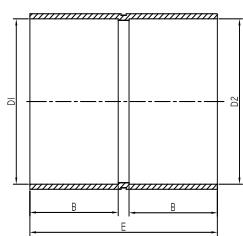
## Capillary Pressure Fittings

Coupling					
Code	Description	Size (D1)	Size (D2)	B(min)	E
37532	DN15-DN15 LE HP	DN15	DN15	9.0	23.0
37535	DN20-DN20 LE HP	DN20	DN20	13.5	32.0
37537	DN25-DN25 LE HP	DN25	DN25	17.0	40.0
37548	DN32-DN32 SE HP	DN32	DN32	10.0	40.0
37549	DN40-DN40 SE HP	DN40	DN40	10.0	40.0
37550	DN50-DN50 SE HP	DN50	DN50	10.0	40.0
37551	DN65-DN65 SE HP	DN65	DN65	10.0	60.0
37552	DN80-DN80 SE HP	DN80	DN80	14.0	65.0
37553	DN100-DN100 SE HP	DN1v00	DN100	14.0	75.0
37554	DN125-DN125 SE HP	DN125	DN125	14.0	110.0
37555	DN150-DN150 SE HP	DN150	DN150	18.0	115.0
37556	DN200-DN200 SE HP	DN200	DN200	18.0	120.0



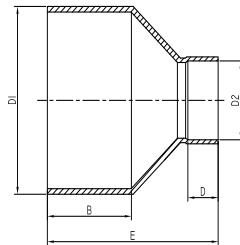
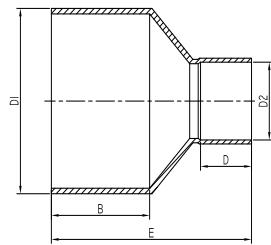
## Slip Coupling

Code	Description	Size (D1)	Size (D2)	B(min)	E
37533	DN15-DN15 LE HP	DN15	DN15	9.0	23.0
37536	DN20-DN20 LE HP	DN20	DN20	13.5	32.0



## Capillary Pressure Fittings

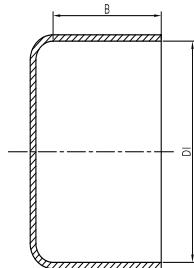
Concentric Reducing Coupling M&F						
Code	Description	Size (D1)	Size (D2)	B(min)	D	E
37564	DN20-DN15 LE HP M&F	DN20	DN15	15.5	9.0	30.0
37566	DN25-DN15 LE HP M&F	DN25	DN15	19.0	9.0	40.0
37567	DN25-DN20 LE HP M&F	DN25	DN20	19.0	13.5	38.0
37568	DN32-DN15 LE HP M&F	DN32	DN15	21.0	9.0	44.0
37569	DN32-DN20 LE HP M&F	DN32	DN20	21.0	13.5	45.0
37570	DN32-DN25 LE HP M&F	DN32	DN25	21.0	17.0	42.0
37579	DN40-DN20 SE HP M&F	DN40	DN20	31.0	10.0	42.0
37580	DN40-DN25 SE HP M&F	DN40	DN25	32.0	10.0	43.0
37581	DN40-DN32 SE HP M&F	DN40	DN32	25.0	10.0	36.0
37582	DN50-DN20 SE HP M&F	DN50	DN20	40.0	10.0	51.0
37583	DN50-DN25 SE HP M&F	DN50	DN25	35.0	10.0	46.0
37584	DN50-DN32 SE HP M&F	DN50	DN32	30.0	10.0	41.0
37585	DN50-DN40 SE HP M&F	DN50	DN40	28.0	10.0	39.0
37586	DN65-DN32 SE HP M&F	DN65	DN32	45.0	10.0	56.0
37587	DN65-DN40 SE HP M&F	DN65	DN40	42.0	10.0	53.0
37588	DN65-DN50 SE HP M&F	DN65	DN50	34.0	10.0	48.0
37589	DN80-DN40 SE HP M&F	DN80	DN40	46.0	10.0	57.0
37590	DN80-DN50 SE HP M&F	DN80	DN50	43.0	10.0	57.0
37591	DN80-DN65 SE HP M&F	DN80	DN65	35.0	10.0	51.0
37592	DN100-DN50 SE HP M&F	DN100	DN50	60.0	10.0	74.0
37593	DN100-DN65 SE HP M&F	DN100	DN65	42.0	10.0	58.0
37594	DN100-DN80 SE HP M&F	DN100	DN80	38.0	14.0	54.0
37595	DN125-DN80 SE HP M&F	DN125	DN80	50.0	14.0	70.0
37596	DN125-DN100 SE HP M&F	DN125	DN100	39.0	14.0	57.0
37597	DN150-DN80 SE HP M&F	DN150	DN80			
37598	DN150-DN100 SE HP M&F	DN150	DN100	52.0	14.0	70.0
37599	DN150-DN125 SE HP M&F	DN150	DN125	38.0	18.0	58.0
37601	DN200-DN150 SE HP M&F	DN200	DN150	68.0	18.0	93.0



## Capillary Pressure Fittings

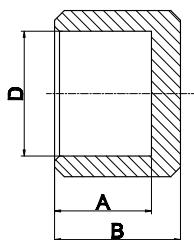
### End Cap

Code	Description	Size (D1)	B(min)
37653	DN15 SE HP	DN15	9.0
37655	DN20 SE HP	DN20	13.5
37656	DN25 SE HP	DN25	17.0
37657	DN32 SE HP	DN32	13.0
37658	DN40 SE HP	DN40	13.0
37659	DN50 SE HP	DN50	13.0
37660	DN65 SE HP	DN65	13.0
37661	DN80 SE HP	DN80	18.0
37662	DN100 SE HP	DN100	18.0
37663	DN125 SE HP	DN125	18.0
37664	DN150 SE HP	DN150	25.0
37665	DN200 SE HP	DN200	25.0



### STOP END NO.61

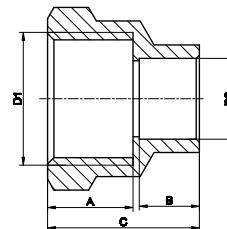
Code	Description	Size (D1)	A	B
83450	15mm OD	DN15	10.0	13.0
83452	20mm OD	DN20	16.0	19.0
83454	25mm OD	DN25	16.0	19.0



## Capillary Pressure Fittings

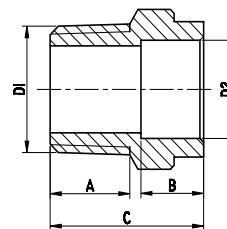
### CONNECTOR STRAIGHT NO.2 FEMALE

Code	Description	Size (D1)	Size (D2)	A	B	C
82358	15mm OD x 15mm FI	G 1/2	DN15	13.5	9.5	24.0
82360	15mm OD x 20mm FI	G 3/4	DN15	17.0	12.5	32.5
82366	20mm OD x 15mm FI	G 1/2	DN20	15.0	14.5	32.0
82368	20mm OD x 20mm FI	G 3/4	DN20	18.2	13.5	33.2
82370	25mm OD x 20mm FI	G 3/4	DN25	17.0	17.0	36.0
82372	25mm OD x 25mm FI	G 1	DN25	20.0	17.0	40.0
82374	32mm OD x 32mm FI	G 1 1/4	DN32	24.0	10.0	36.0
82376	40mm OD x 40mm FI	G 1 1/2	DN40	22.0	9.0	33.0
82378	50mm OD x 50mm FI	G 2	DN50	26.0	18.0	46.0



### CONNECTOR STRAIGHT NO.3 MALE

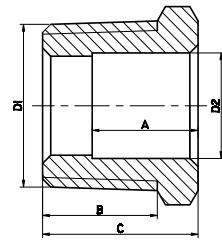
Code	Description	Size (D1)	Size (D2)	A	B	C
82231	15mm OD x 10mm MI	R 3/8	DN15	10.8	8.5	20.8
82232	15mm OD x 15mm MI	G 1/2 B	DN15	12	11	21
82234	15mm OD x 20mm MI	R 3/4	DN15	15.4	12	30.4
82240	20mm OD x 15mm MI	G 1/2 B	DN20	12	12	28
82242	20mm OD x 20mm MI	G 3/4 B	DN20	13	16.5	24
82244	25mm OD x 20mm MI	R 3/4	DN25	15.4	17.5	36
82246	25mm OD x 25mm MI	R 1	DN25	18	8	31
82247	32mm OD x 32mm MI	R 1	DN32	20.3	14	34.3
82248	32mm OD x 25mm MI	R 1 1/4	DN32	18	14	34
82249	40mm OD x 40mm MI	R 1 1/2	DN40	20.3	14.5	38.3
82250	50mm OD x 50mm MI	R 2	DN50	24.6	15	43.1



## Capillary Pressure Fittings

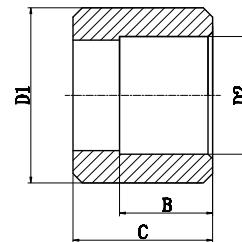
### BUSH TUBE MALE NO.4

Code	Description	Size (D1)	Size (D2)	A	B	C
82000	15mm OD x 15mm MI	R 1/2	DN15	13.0	14.1	19.1
82006	20mm OD x 20mm MI	R 3/4	DN20	15.0	15.4	21.4
82010	25mm OD x 25mm MI	R 1	DN25	17.5	18.0	24.0
82012	32mm OD x 32mm MI	R 1 1/4	DN32	22.0	20.3	28.3
82014	40mm OD x 40mm MI	R 1 1/2	DN40	23.0	20.3	30.0
82016	50mm OD x 50mm MI	R 2	DN50	24.0	24.6	33.6
82019	65mm OD x 65mm MI	R 2 1/2	DN65	29.0	27.9	37.0
82021	80mm OD x 80mm MI	R 3	DN80	32.0	31.0	40.0
82023	100mm OD x 100mm MI	R 4	DN100	33.0	37.0	46.0



### PIECE REDUCING NO.6

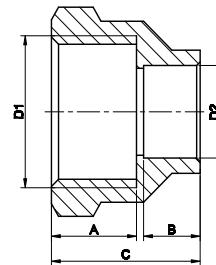
Code	Description	Size (D1)	Size (D2)	B	C
83436	20mm PE x 15mm OD	20mmPE	DN15	15.0	10.0
83438	25mm PE x 20mm OD	25mmPE	DN20	23.5	16.0



## Capillary Pressure Fittings

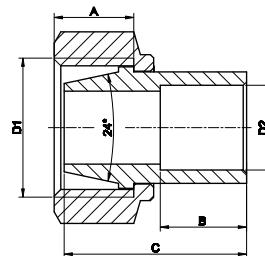
### BUSH TUBE FEMALE NO.4F

Code	Description	Size (D1)	Size(D2)	A	B	C
82357	15mm OD x 15mm FI	G 1/2	DN15	12.0	8.0	21.0
82117	25mm OD x 25mm FI	G 3/4	DN20	12.0	8.0	22.0
82367	20mm OD x 20mm FI	G 1	DN25	15.0	11.5	28.5
82118	32mm OD x 32mm FI	G 1 1/4	DN32	21.0	9.0	33.0
82120	40mm OD x 40mm FI	G 1 1/2	DN40	20.0	9.0	33.0
82122	50mm OD x 50mm FI	G 2	DN50	26.0	12.0	40.0
82125	65mm OD x 65mm FI	G 2 1/2	DN65	30.5	8.0	44.0
82127	80mm OD x 80mm FI	G 3	DN80	33.0	12.0	47.0
82129	100mm OD x 100mm FI	G 4	DN100	41.0	14.0	57.0



### CONNECTOR STRAIGHT TAP NO.62

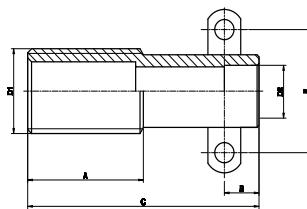
Code	Description	Size (D1)	Size(D2)	A	B	C
82480	15mm OD x 15mm NUT	G 1/2	DN15	12.5	11.0	25.5
82482	20mm OD x 20mm NUT	G 3/4	DN20	10.0	16.0	42.5



## Capillary Pressure Fittings

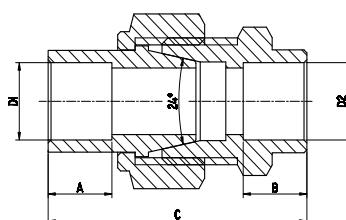
### CONNECTOR WINGED NO.5 STRAIGHT

Code	Description	Size (D1)	Size (D2)	A	B	C	E
82688	15mm OD x 15mm MI	G 1/2B	DN15	30.0	9.0	60.0	30.5



### UNION CONNECTOR NO. 11

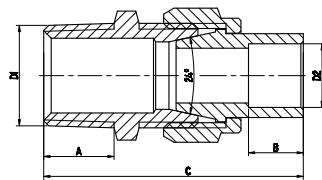
Code	Description	Size (D1)	Size(D2)	A	B	C
83644	15mm OD x 15mm OD	DN15	DN15	11.0	11.0	44.5
83646	20mm OD x 20mm OD	DN20	DN20	14.0	14.0	46.5
83648	25mm OD x 25mm OD	DN25	DN25	17.0	17.5	60.0
83650	32mm OD x 32mm OD	DN32	DN32	21.0	21.0	57.0
83652	40mm OD x 40mm OD	DN40	DN40	25.0	25.0	66.5
83654	50mm OD x 50mm OD	DN50	DN50	31.0	31.0	76.5



## Capillary Pressure Fittings

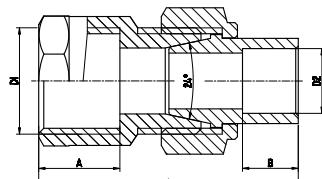
### UNION CONNECTOR STRAIGHT NO. 69 MALE

Code	Description	Size (D1)	Size(D2)	A	B	C
83756	15mm OD x 15mm MI	R 1/2	DN15	14.1	11.0	52.0
83760	20mm OD x 20mm MI	R 3/4	DN20	15.4	14.0	53.4
83762	25mm OD x 25mm MI	R 1	DN25	18.0	17.5	66.0
83764	32mm OD x 32mm MI	R 1 1/4	DN32	20.3	21.0	72.3
83766	40mm OD x 40mm MI	R 1 1/2	DN40	20.3	25.0	75.3
83768	50mm OD x 50mm MI	R 2	DN50	24.6	31.0	93.6



### UNION CONNECTOR TRAIGHT NO. 69 FEMALE

Code	Description	Size (D1)	Size(D2)	A	B	C
83870	15mm OD x 15mm FI	G 1/2	DN15	16.0	11.0	51.0
83874	20mm OD x 20mm FI	G 3/4	DN20	16.0	14.0	52.0
83876	25mm OD x 25mm FI	G 1	DN25	24.0	17.5	64.5
83878	32mm OD x 32mm FI	G 1 1/4	DN32	22.0	21.0	56.5
83880	40mm OD x 40mm FI	G 1 1/2	DN40	23.0	25.0	64.5
83882	50mm OD x 50mm FI	G 2	DN50	28.0	31.0	74.5



## **Warranty Conditions**

To make a claim under warranty you must abide by the warranty conditions.

Elson Australasia Pty Ltd undertakes to repair or replace product which is found to be faulty or defective in workmanship or manufacture according to the warranty conditions. The benefits provided to the consumer by this warranty are in addition to other rights and remedies available to the consumer under the law.

To make a warranty claim you must contact Elson Australasia Pty Ltd immediately after a product issue has been identified. Elson requires an on-site inspection to assess the problem and determine the extent of the issue. Failure to provide notification, access and/or inspection when the problem was first identified will void this warranty. The product, complete with connections, must be supplied to Elson in order to obtain proper identification and carry out inspection, analysis and testing. Photographic proof and evidence must be provided to make a claim. In addition, you must also provide your contact details, proof of purchase, the licenced installer's details and the job address. If the product has not been installed please contact the place of purchase and return. If there is a problem returning the product please contact Elson.

To the extent of the Law, Elson shall not be liable for any consequential loss or damage of any kind caused by any product faulty or defective in workmanship or manufacture.







## THE BRAND PLUMBERS TRUST



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ACN 059 613 991

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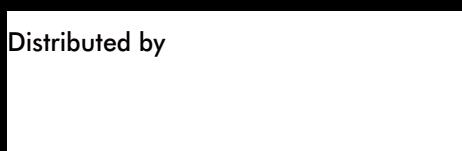
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Version 4.0