



**Brymec** 

**Brass, Chrome & DZR  
Compression Fittings**

# Introducing Brymec range of Brass, DZR Brass and Chrome Compression Fittings

Brymec's comprehensive range of compression fittings, manufactured to BS EN1254-2, are suitable for connecting a wide range of tubes, including copper tubes in accordance with BS EN 1057, stainless steel to BS EN10312 and plastic pipes to BS EN7291, BS EN15875 and BS EN15876 – When connecting our Brymec compression fittings to a plastic pipe system, the appropriate manufacturer's pipe stiffeners must be used (always consult with the relevant manufacturer regarding the correct installation procedures).

Compression fittings require no hot-works (soldering), no sealants or sealing tapes and are comparatively quick and easy to use. The installation process requires no special tools or training. The standard Brymec range of Compression fittings are manufactured from high quality, 4MS listed CW617N brass.

## Fitting Specifications

### Sizes:

- 6mm to 54mm (depending on fitting type).

### Applications:

- Drinking water
- Sealed heating systems
- Open vented heating systems
- Solar thermal systems
- Chilled water
- Rainwater harvesting systems
- 'Wet' fire extinguishing tube systems (where approved)
- Compressed air
- Industrial and processing water
- Natural gas installations
- Liquefied petroleum gas installations
- Fuel oil supply systems

### Standards & Approvals:

- Manufactured to BS EN1254-2
- WRAS approved (where indicated)
- 25 year warranty



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# Features and Benefits

- Available in sizes 6 - 54mm
- Manufactured from high quality 4MS listed brass
- Compatible with many different tube standards
- The most versatile range of plumbing fittings
- Fast installation
- No special tooling or training needed

## Warranty

We offer a 25 year warranty with our Compression Fitting system.  
Please call 0333 000 55 55 for more information



## Brymec Quality

Our Compression range has been carefully designed and selected to meet the highest quality standards. Products undergo stringent testing in compliance with our ISO 9001:2015 Quality Management System.



# Brass Compression Fittings

## Couplers



STOCK NO.	SIZE	PACK QTY
30453	10mm	10
30454	15mm	10
30455	22mm	10
30456	28mm	5
30457	35mm	1
30458	42mm	1
30459	54mm	1

## Equal Tees



STOCK NO.	SIZE	PACK QTY
30480	15mm	10
30481	22mm	5
30482	28mm	5
30483	35mm	1
30484	42mm	1
30485	54mm	1

## Reducing Couplers



STOCK NO.	SIZE	PACK QTY
30513	15mm x 10mm	10
30514	15mm x 12mm	10
30515	22mm x 15mm	10
30516	28mm x 15mm	5
30517	28mm x 22mm	5

## Reducing Tees



STOCK NO.	SIZE (End x End x Centre)	PACK QTY
30667	15mm x 15mm x 22mm	2
30668	22mm x 15mm x 15mm	2
30669	22mm x 15mm x 15mm	5
30670	22mm x 22mm x 15mm	5
30671	28mm x 22mm x 15mm	5
30672	28mm x 22mm x 22mm	2
30673	28mm x 28mm x 15mm	5
30674	28mm x 28mm x 22mm	5

## 90° Elbows



STOCK NO.	SIZE	PACK QTY
30467	15mm	10
30468	22mm	10
30469	28mm	5
30470	35mm	1
30471	42mm	1
30472	54mm	1

## Reducing 90° Elbows



STOCK NO.	SIZE
30508	22mm x 15mm

# Brass Compression Fittings

## Female Iron Tees



STOCK NO.	SIZE
30658	15mm x 15mm x 1/2"
30659	22mm x 22mm x 1/2"
30660	22mm x 22mm x 3/4"
30661	28mm x 28mm x 1/2"

## Female Iron Couplers



STOCK NO.	SIZE	PACK QTY
30546	6mm x 1/4"	10
30547	8mm x 1/4"	10
30548	8mm x 3/8"	10
30549	10mm x 1/4"	10
30550	10mm x 3/8"	10
30551	10mm x 1/2"	10
30552	15mm x 1/4"	10
30553	15mm x 3/8"	10
30554	15mm x 1/2"	10
30555	15mm x 3/4"	10
30556	22mm x 1/2"	10
30557	22mm x 3/4"	10
30558	22mm x 1"	6
30559	28mm x 3/4"	5
30560	28mm x 1"	5
30561	35mm x 1 1/4"	5
30562	42mm x 1 1/2"	1
30563	54mm x 2"	1

## Male Iron Couplers



STOCK NO.	SIZE	PACK QTY
30523	6mm x 1/4"	50
30524	8mm x 1/4"	50
30525	8mm x 3/8"	10
30526	8mm x 1/2"	10
30527	10mm x 1/4"	10
30528	10mm x 3/8"	10
30529	10mm x 1/2"	10
30530	15mm x 1/4"	10
30531	15mm x 3/8"	10
30532	15mm x 1/2"	10
30533	15mm x 3/4"	10
30534	22mm x 1/2"	10
30535	22mm x 3/4"	10
30536	22mm x 1"	10
30537	28mm x 3/4"	10
30538	28mm x 1"	5
30539	35mm x 1 1/4"	5
30540	42mm x 1 1/2"	1
30541	54mm x 2"	1

# Brass Compression Fittings

## Male Iron Elbows



STOCK NO.	SIZE	PACK QTY
30591	15mm x 1/4"	10
30592	15mm x 3/8"	10
30593	15mm x 1/2"	10
30594	15mm x 3/4"	10
30595	22mm x 3/4"	10
30596	22mm x 1"	10
30597	22mm x 1/2"	10
30598	28mm x 1"	5
30599	35mm x 1 1/4"	5
30600	42mm x 1 1/2"	2
30601	54mm x 2"	2

## Female Iron Elbows



STOCK NO.	SIZE	PACK QTY
30573	15mm x 1/2"	10
30574	15mm x 3/4"	10
30575	22mm x 1/2"	10
30576	22mm x 3/4"	10
30577	22mm x 1"	5
30578	28mm x 1"	5
30579	35mm x 1 1/4"	5
30580	42mm x 1 1/2"	1
30581	54mm x 2"	1

## End Caps



STOCK NO.	SIZE	PACK QTY
30493	15mm	10
30494	22mm	10
30495	28mm	10
30496	35mm	5
30497	42mm	1
30498	54mm	1

## Straight Tap Connectors



STOCK NO.	SIZE	PACK QTY
30642	15mm x 1/2"	10
30643	15mm x 3/4"	10
30644	22mm x 3/4"	10

## Bent Tap Connectors



STOCK NO.	SIZE	PACK QTY
30504	15mm x 1/2"	10
30505	22mm x 3/4"	5

## Wall Plate Elbows



STOCK NO.	SIZE	PACK QTY
30607	15mm x 1/2"	10
30608	22mm x 3/4"	5

## Brass Tap Extension



STOCK NO.	SIZE
30586	1/2" (22mm long)

# Brass Compression Fittings

## Tank Connectors with Seal



STOCK NO.	SIZE	PACK QTY
30650	15mm	10
30651	22mm	5
30652	28mm	5
30653	35mm	5
30654	42mm	1
30655	54mm	1

## Single Part Reducer



STOCK NO.	SIZE	PACK QTY
30627	15mm x 10mm	10

## Copper Olives



STOCK NO.	SIZE
30604	15mm
30605	22mm
30606	28mm
30609	35mm
30610	42mm
30611	54mm

## Reducing Sets



STOCK NO.	SIZE
30630	15mm x 10mm
30631	22mm x 15mm
30632	28mm x 22mm
30633	35mm x 15mm
30634	35mm x 22mm
30635	35mm x 28mm
30636	42mm x 35mm

## Brass Olives



STOCK NO.	SIZE
30616	15mm
30617	22mm
30618	28mm
30619	35mm
30620	42mm
30621	54mm
30622	3/4"

## Blanking Discs



STOCK NO.	SIZE
30444	15mm
30445	22mm

# DZR Compression Fittings

## Couplers



STOCK NO.	SIZE
33301	15mm
33302	22mm
33303	28mm

## Reducing Tees



STOCK NO.	SIZE (End x End x Centre)
33361	22mm x 15mm x 22mm
33362	22mm x 22mm x 15mm

## 90° Elbows



STOCK NO.	SIZE
33306	15mm
33307	22mm
33308	28mm

## Female Iron Tees



STOCK NO.	SIZE
33355	15mm x 15mm x 1/2"
33356	22mm x 22mm x 3/4"

## Equal Tees



STOCK NO.	SIZE
33311	15mm
33312	22mm
33313	28mm

## Male Iron Couplers



STOCK NO.	SIZE
33325	15mm x 1/2"
33326	22mm x 3/4"
33327	28mm x 1"

## Female Iron Couplers



STOCK NO.	SIZE
33330	15mm x 1/2"
33331	22mm x 3/4"
33332	28mm X 1"

# DZR Compression Fittings

## Male Iron Elbows



STOCK NO.	SIZE
33335	15mm x 1/2"
33336	22mm x 3/4"
33337	28mm x 1"

## Straight Tap Connectors



STOCK NO.	SIZE
33347	15mm x 1/2"
33348	22mm x 3/4"

## Female Iron Elbows



STOCK NO.	SIZE
33340	15mm X 1/2"
33341	22mm x 3/4"
33342	28mm x 1"
33345	15mm x 1/2"

## Bent Tap Connector



STOCK NO.	SIZE
33321	15mm x 1/2"

## End Caps



STOCK NO.	SIZE
33316	15mm
33317	22mm
33318	28mm

## Tank Connector



STOCK NO.	SIZE
33351	15mm
33352	22mm
33353	28mm

# Chrome Plated Copper Tube

Chrome plated to high shine finish. All tubes are individually shrink wrapped for protection prior to installation.

## Chrome Plated Copper Tube



STOCK NO.	SIZE	LENGTH
33003	15mm	3m
33005	22mm	3m
33006	28mm	3m
33007	35mm	3m
33008	42mm	3m

# Chrome Compression Fittings

## Couplers



STOCK NO.	SIZE	PACK QTY
30680	15mm	10
30681	22mm	10

## Reducing Coupler



STOCK NO.	SIZE	PACK QTY
30698	22mm x 15mm	10

## 90° Elbows



STOCK NO.	SIZE	PACK QTY
30687	15mm	10
30688	22mm	10

## Equal Tees



STOCK NO.	SIZE	PACK QTY
30694	15mm	10
30695	22mm	10

# Chrome Compression Fittings

## Reducing Tees



STOCK NO.	SIZE (End x End x Centre)	PACK QTY
30728	15mm x 15mm x 15mm	10
30729	22mm x 15mm x 15mm	10
30730	22mm x 22mm x 15mm	10

## Male Iron Couplers



STOCK NO.	SIZE	PACK QTY
30685	15mm x 1/2"	10
30682	22mm x 3/4"	10

## Male Iron Elbows



STOCK NO.	SIZE	PACK QTY
30715	15mm x 1/2"	10
30716	22mm x 3/4"	10

## Female Iron Couplers



STOCK NO.	SIZE	PACK QTY
30684	15mm x 1/2"	10
30683	22mm x 3/4"	10

## Female Iron Elbows



STOCK NO.	SIZE	PACK QTY
30708	15mm x 1/2"	10
30709	22mm x 3/4"	10
30710	22mm x 1"	10

## Wall Plate Elbows



STOCK NO.	SIZE	PACK QTY
30722	15mm x 1/2"	10

## Drain Off Cock



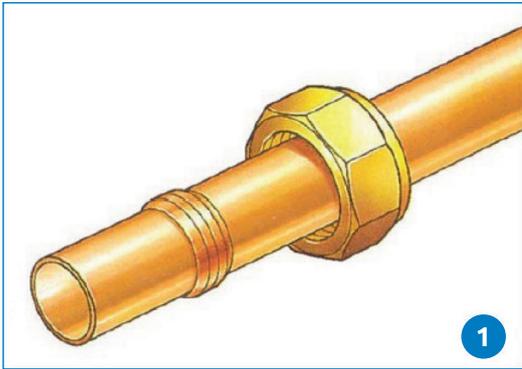
STOCK NO.	SIZE	PACK QTY
30790	15mm	10

## End Cap

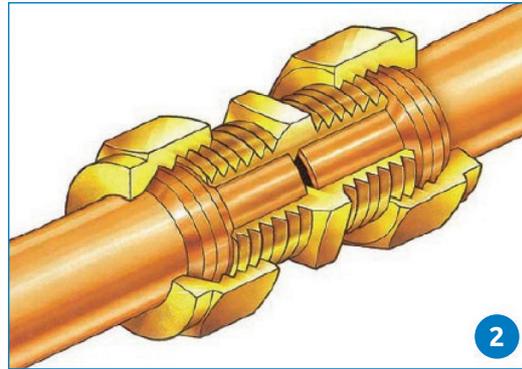


STOCK NO.	SIZE	PACK QTY
30701	15mm	
30702	22mm	

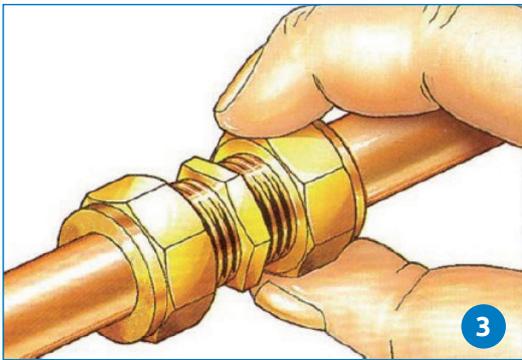
# Installation Instructions



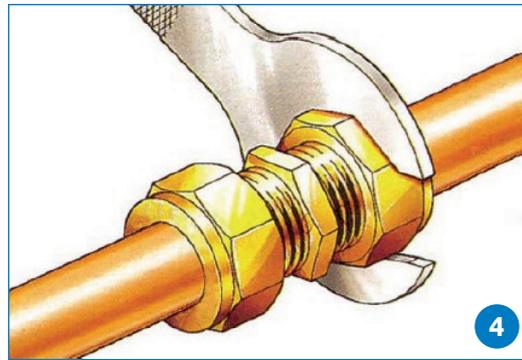
1 Cut the pipe perpendicular to the axis and remove any sharp edges or burrs. Carefully add the nut and olive on the pipe.



2 Assemble the fitting either side of the connection.



3 Tighten each nut hand-tight.



4 Using an appropriate spanner, tighten each nut to the correct number of turns detailed in the table below.

Types of Tube	Minimum Number of Turns as Per Size					
	10 - 15 mm	22 mm	28 mm	35 mm	42 mm	54 mm
EN 1057 Copper Tube	1 - 1 1/4	3/4 - 1	3/4 - 1	3/4 - 1	3/4 - 1	3/4 - 1
EN 10312 Stainless Steel Tube	3/4	3/4	1/2	1/2	1/2	1/2

## Note:

1. The use of additional sealing tapes or sealing compounds with our compression fittings could compromise the integrity of the connection.
2. Overtightening of the connection can cause damage to the pipe, and may cause a leak.

## Operating Temperatures and Pressures

Medium	Service temp up to °C	Max Working Pressure	
		Bar	Psi
Water	30	16	230
	65	10	145
	110	6	87
	120	5	75
Saturated Steam	120	3	45
LPG & Natural Gas 10 to 28 mm sizes only	30	1	15

# Brymec Technical Support

We recognise the importance of having top quality support from the manufacturer throughout every phase of the construction process.

Our whole team are here to provide design support and technical advice to safeguard your project from Pre-construction right through to Post Contract.

## Key Areas of Support

### Specification

To ensure that our products suit the application, we can offer advice or assistance at the specification stage.

### Project Support

Our commitment to total project support includes free, certificated installation training, site visits, observation reports and product verification and testing when required. Our in-house Technical Laboratory can provide fast access to product testing, analysis and reporting.

### Post Contract

We will continue to support you and your project with services such as full product and system details for O&M Building Manuals. In the unlikely event of there being a product related issue, you will have the full support of the Brymec Technical Team, along with all our facilities, to help you quickly resolve any situation.



# Quality Policy

Brymec Ltd (the 'Organisation') aims to provide defect free products and services to its customer on time and within budget.

The Organisation operates a Quality Management System that has gained BS EN ISO 9001 : 2015 certification, including aspects specific to the stockholding and supply of mechanical, plumbing and air conditioning products and services.

This gives us a platform to guarantee a structured approach to our continuous improvement cycle, and ensures we continue to meet and exceed the following key goals:

- Excellence of service to our customers, delivering on site, in full, on time; in the relentless pursuit of total customer satisfaction.
- Offering quality products and systems. We work with worldwide manufacturing plants (in line with our social and ethical policy) to source the best products for the UK market. We ensure that the products are fit for purpose and comply with the relevant approvals and standards. We also research and develop innovative solutions which will add value to our customers, developers and end users.
- To motivate, engage and continuously develop our team by providing training, coaching, knowledge sharing and investment to ensure their absolute competence.
- To continue to invest in technology, working to understand customers' needs and streamline their buying processes to maximise efficiencies via modern technology.

This quality policy is endorsed and regularly reviewed by our Senior Management Team, and its scope is communicated to all Brymec employees via our website and other appropriate methods.

Our vision is to become an essential and indispensable supplier to the Building Services Contractor by providing excellence of service, quality products and continually investing in technology.

In order to achieve our vision, we ensure Brymec is an organisation where people love to work, upholding our core values of excellence, courage, integrity and collaboration to actively engage our team in contributing towards providing the highest level of customer satisfaction.

**Luke Reiner**  
**Managing Director**

# Ethical Global Procurement Policy

## ETHICAL POLICY - SOURCING

At Brymec we recognise the importance of credibility, integrity and trustworthiness in our success as a business. We are committed to upholding high ethical standards in all our operations, everywhere in the world.

We believe in the principles of honesty, fairness, and respect for individual and community freedoms. The ethics of our UK operations are demonstrated through responsible:

- › Business processes
- › Corporate governance
- › Custom and practice
- › Quality management
- › Safe working practices
- › Corporate social responsibility
- › Facility management
- › Equality and diversity
- › Anti-bribery and corruption
- › Employee care

The Ethical Trading Initiative Code forms the basis of this policy.

Additionally, as we expand our network of suppliers to source products globally, it is increasingly necessary to ensure that the organisations that we undertake business with also meet our expectations of standards of supply.

As a minimum Brymec Ltd expects its supply partners to comply with all local laws and regulations and to respect internationally recognised human and labour rights as well as international initiatives for climate change.

In particular we require that suppliers ensure:

- › Working hours and remuneration are reasonable and meet the required local wage and working time laws
- › Working conditions are safe and hygienic
- › No discrimination is practised
- › Employment is freely chosen
- › Children are not employed, and local minimum age rules are in place
- › Freedom of Association and the right to collective bargaining are respected
- › No improper advantage, including the payment of bribes.
- › Packaging and waste are subject to recycling and safe disposal guidelines
- › That all sourcing of materials and manufacturing processes are subject to sustainability and renewability rules

Brymec carry out initial assessments and, on agreeing terms of business, provide the criteria against which the company has been measured by way of regulating ongoing requirements.

Brymec then carry out periodic on-site audits to ensure that compliance is maintained.

Brymec will work with its suppliers to guide and advise them in maintaining and improving required levels of environmental standards.

The Brymec Sourcing Director has responsibility for this policy and will report to the management meetings on any issues arising.





# The Brymec Foundation

## A better tomorrow for everyone

As a company that specialises in the manufacture and supply of water management systems, it was fitting that in 2016 we founded the Brymec Foundation, and partnered with Fields of Life.

Brymec has helped Fields of Life to bring about positive change through the provision of quality education, clean water, health promotion and other community-based projects.

For more information visit:  
[www.brymec.com/charity](http://www.brymec.com/charity)



**fields of life**  
CHANGING LIVES. BUILDING HOPE

**Brymec**   
Built for Tomorrow



CO<sub>2</sub>e  
Assessed  
Organisation