



# BOSS™ Compression Fittings

## Data Sheet

### General Description

A range of compression fittings for use in hot and cold domestic water services and central heating systems.

Multiple codes in range, please refer below.

### Size Range

DN8 to DN54

### Technical Specification

Standards :           Quality assured in accordance with ISO9001:2015 from BSI  
Designed for jointing EN 1057 copper tubes.  
Manufactured to EN 1254 Part 2  
WRAS approved.  
BSI Kite Mark approved  
Fittings made from CW602N DZR Brass material

## Maximum temperatures and pressures

Maximum Temperature °C	Maximum Pressure for Nominal Diameters (bar)	
	6 mm up to and including 34 mm	Over 34 mm up to and including 54 mm
30	16	16
65	10	10
110	6	6

## Tightening torques

Fitting Size (mm)	Number of turns
8	$\frac{3}{4}$ to 1
10	$\frac{3}{4}$ to 1
15	$\frac{3}{4}$ to 1
22	$\frac{3}{4}$ to 1
28	$\frac{3}{4}$ to 1
35	1 to 1-1/4
42	1 to 1-1/4
54	1 to 1-1/4

## Fittings Product Codes

BSS Code	Fitting Size (mm)	Fitting Type
62240408	8	Straight Coupler
62240419	10	Straight Coupler
62240430	15	Straight Coupler
62240441	22	Straight Coupler
62240452	28	Straight Coupler
62240463	35	Straight Coupler
62240474	42	Straight Coupler
62240485	54	Straight Coupler
62240496	15 x 8	Straight Coupler
62240504	15 x 10	Straight Coupler
62240515	15 x 12	Straight Coupler
62240526	22 x 15	Straight Coupler
62240537	28 x 15	Straight Coupler
62240548	22 x 22 x 100 long	Straight Coupler
62241443	15	Equal Tee
62241454	22	Equal Tee
62241465	28	Equal Tee
62241476	35	Equal Tee
62241487	42	Equal Tee

62241498	54	Equal Tee
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BSS Code	Fitting Size (mm)	Fitting Type
62241506	22 x 22 x 15	Branch Reduced Tee
62241517	28 x 28 x 15	Branch Reduced Tee
62241528	28 x 28 x 22	Branch Reduced Tee
62241539	35 x 35 x 15	Branch Reduced Tee
62241550	35 x 35 x 22	Branch Reduced Tee
62241561	35 x 35 x 28	Branch Reduced Tee
62241572	42 x 42 x 15	Branch Reduced Tee
62241583	42 x 42 x 22	Branch Reduced Tee
62241594	42 x 42 x 28	Branch Reduced Tee
62241602	54 x 54 x 15	Branch Reduced Tee
62241613	54 x 54 x 28	Branch Reduced Tee
62241624	15 x 15 x 0.5"	Female Iron Branch Tee
62241635	22 x 22 x 0.5"	Female Iron Branch Tee
62241646	22 x 22 x 0.75"	Female Iron Branch Tee
62241657	28 x 28 x 0.5"	Female Iron Branch Tee
62241668	28 x 28 x 1"	Female Iron Branch Tee
62241177	10	Equal Elbow
62241188	15	Equal Elbow
62241199	22	Equal Elbow
62241207	28	Equal Elbow
62241218	35	Equal Elbow

62241229	42	Equal Elbow
62241240	54	Equal Elbow
62241325	15 x 0.5"	Female Iron Elbow

BSS Code	Fitting Size (mm)	Fitting Type
62241336	22 x 0.75"	Female Iron Elbow
62241347	28 x 1"	Female Iron Elbow
62241358	35 x 1.25"	Female Iron Elbow
62241369	42 x 1.5"	Female Iron Elbow
62241380	54 x 2"	Female Iron Elbow
62241251	8 x 0.25"	Male Iron Elbow
62241262	15 x 0.5"	Male Iron Elbow
62241273	22 x 0.75"	Male Iron Elbow
62241284	28 x 1"	Male Iron Elbow
62241295	35 x 1.25"	Male Iron Elbow
62241303	42 x 1.5"	Male Iron Elbow
62241314	54 x 2"	Male Iron Elbow
62241410	15 x 0.5" 2 Hole	Female Iron Wall Plate Elbow
62241432	15 x 0.5" 3 Hole	Female Iron Wall Plate Elbow
62241421	22 x 0.75"	Female Iron Wall Plate Elbow
62240570	8 x 0.25"	BSPM Male Iron Straight Coupler
62240581	8 x 0.5"	BSPM Male Iron Straight Coupler

62240592	10 x 0.25"	BSPP Male Iron Straight Coupler
62240600	10 x 0.375"	BSPP Male Iron Straight Coupler

BSS Code	Fitting Size (mm)	Fitting Type
62240611	10 x 0.5"	BSPP Male Iron Straight Coupler
62240622	15 x 0.25"	BSPP Male Iron Straight Coupler
62240633	15 x 0.375"	BSPP Male Iron Straight Coupler
62240644	15 x 0.5"	BSPP Male Iron Straight Coupler
62240655	15 x 0.75"	BSPP Male Iron Straight Coupler
62240666	22 x 0.5"	BSPP Male Iron Straight Coupler
62240677	22 x 0.75"	BSPP Male Iron Straight Coupler
62240688	22 x 1"	BSPP Male Iron Straight Coupler
62240699	28 x 0.75"	BSPP Male Iron Straight Coupler
62240707	28 x 1"	BSPP Male Iron Straight Coupler
62240718	28 x 1.25"	BSPP Male Iron Straight Coupler
62240729	35 x 1"	BSPP Male Iron Straight Coupler

62240740	35 x 1.25"	BSPF Male Iron Straight Coupler
62240751	42 x 1.5"	BSPF Male Iron Straight Coupler

BSS Code	Fitting Size (mm)	Fitting Type
62240773	54 X 2"	BSPF Male Iron Straight Coupler
62240784	15 x 0.5"	Extended M.I. Straight Coupling C/W Backnut
62240795	22 x 0.75"	Extended M.I. Straight Coupling C/W Backnut
62240803	28 x 1"	Extended M.I. Straight Coupling C/W Backnut
62240814	35 x 1.25"	Extended M.I. Straight Coupling C/W Backnut
62240825	42 x 1.5"	Extended M.I. Straight Coupling C/W Backnut
62240836	54 x 2"	Extended M.I. Straight Coupling C/W Backnut
62240847	10 x 0.375"	BSPF Female Iron Straight Coupling
62240858	15 x 0.375"	BSPF Female Iron Straight Coupling
62240869	15 x 0.5"	BSPF Female Iron Straight Coupling
62240880	15 x 0.75"	BSPF Female Iron Straight Coupling
62240891	22 x 0.5"	BSPF Female Iron Straight Coupling

62240910	22 x 0.75"	BSPP Female Iron Straight Coupling
62240921	22 x 1"	BSPP Female Iron Straight Coupling

BSS Code	Fitting Size (mm)	Fitting Type
62240932	28 x 0.75"	BSPP Female Iron Straight Coupling
62240943	28 x 1"	BSPP Female Iron Straight Coupling
62240954	28 x 1.25"	BSPP Female Iron Straight Coupling
62240965	35 x 1.25"	BSPP Female Iron Straight Coupling
62240976	42 x 1.5"	BSPP Female Iron Straight Coupling
62240987	54 x 2"	BSPP Female Iron Straight Coupling
62240998	15 x 0.5"	Swivel Female Iron Tap Connector
62241004	22 x 0.75"	Swivel Female Iron Tap Connector
62241391	15 x 0.5"	Swivel Female Iron Bent Tap Connector
62241015	15 x 0.5"	Short Female Iron Straight Tap Adaptor
62241026	15 x 0.75"	Short Female Iron Straight Tap Adaptor
62241037	22 x 0.75"	Short Female Iron

		Straight Tap Adaptor
62241048	15	Straight Flanged Tank Connector
62241059	22	Straight Flanged Tank Connector

BSS Code	Fitting Size (mm)	Fitting Type
62241070	28	Straight Flanged Tank Connector
62241081	35	Straight Flanged Tank Connector
62241092	42	Straight Flanged Tank Connector
62241100	54	Straight Flanged Tank Connector
62240002	0.5"	Male x Female Adaptor For Tap Extension
62240205	15 x 8	3-Pc. Internal Reducer
62240216	15 x 10	3-Pc. Internal Reducer
62240227	15 x 12	3-Pc. Internal Reducer
62240238	22 x 15	3-Pc. Internal Reducer
62240249	28 x 15	3-Pc. Internal Reducer
62240260	28 x 22	3-Pc. Internal Reducer
62240271	35 x 15	3-Pc. Internal Reducer
62240282	35 x 22	3-Pc. Internal Reducer
62240293	35 x 28	3-Pc. Internal Reducer
62240301	42 x 15	3-Pc. Internal Reducer

62240312	42 x 22	3-Pc. Internal Reducer
62240323	42 x 28	3-Pc. Internal Reducer
62240334	42 x 35	3-Pc. Internal Reducer
62240345	54 x 15	3-Pc. Internal Reducer
62240356	54 x 22	3-Pc. Internal Reducer

BSS Code	Fitting Size (mm)	Fitting Type
62240367	54 x 28	3-Pc. Internal Reducer
62240378	54 x 35	3-Pc. Internal Reducer
62240389	54 x 42	3-Pc. Internal Reducer
62240013	15	Compression Nut
62240024	22	Compression Nut
62240035	28	Compression Nut
62240046	35	Compression Nut
62240057	42	Compression Nut
62240068	54	Compression Nut
62240079	15	Blank Compression Nut
62240090	22	Blank Compression Nut
62240109	28	Blank Compression Nut
62240120	15	Brass Compression Ring
62240131	22	Brass Compression Ring
62240142	28	Brass Compression Ring
62240153	35	Brass Compression

		Ring
62240175	42	Brass Compression Ring
62240186	0.75"	Brass Compression Ring

BSS Code	Fitting Size (mm)	Fitting Type
62240197	1.25"	Brass Compression Ring
62241111	15	Stop End
62241122	22	Stop End
62241133	28	Stop End
62241144	35	Stop End
62241155	42	Stop End
62241166	54	Stop End
62241679	15 x 0.5"	BSPT Male Iron Straight Coupler
62241690	22 x 0.75"	BSPT Male Iron Straight Coupler
62241709	28 x 1"	BSPT Male Iron Straight Coupler
62241720	35 x 1.25"	BSPT Male Iron Straight Coupler
62241731	42 x 1.5"	BSPT Male Iron Straight Coupler
62241742	54 x 2"	BSPT Male Iron Straight Coupler

