



BOSS™ Solder Ring Fittings

Data Sheet

General Description

A certified range of Integral Solder Ring Fittings for use in hot, cold and chilled water, gas and air applications.

BOSS™ Solder Ring Fittings utilise lead free solder housed within the fitting. Applying heat to the fitting will release the solder and create a strong and waterproof joint between the fitting and EN 1057 Copper Tube (without the requirement for additional solder).

Specification:

- Fittings are manufactured to BS EN1254-1
- Quality assured in accordance with ISO9001
- WRAS Approved
- Kitemark Certified
- Available in sizes 15mm to 54mm
- Materials: High Grade Copper Alloy C12200
DZR Brass Alloy CW602N
Lead Free Solder Alloy 401
- Melting temperature of the lead free solder 227°C.
- Designed for jointing EN 1057 Copper Tube
- Product warranty period: 25 years (for a correctly installed and maintained system)

Suitable Applications:

- Drinking Water
- Hot and Cold Water
- Chilled Water to 0°C
- Vented and Unvented Pressurised Closed Heating Systems
- Natural and LPG Gas
- Compressed Air
- Fuel Oil

Operating parameters

Operating Temp	Pressure rating
Up to 30°C	16 bar
Up to 65°C	10 bar
Up to 95°C	7 bar
Up to 100°C	6 bar

Fittings Product Codes

BOSS PRODUCT CODE	BOSS DESCRIPTION	BOSS PRODUCT CODE	BOSS DESCRIPTION
75784204	15MM SR1 BOSS SOLDER RING STRAIGHT COUPLER	75784676	15MM SR21 BOSS SOLDER RING OBTUSE ELBOW
75784215	22MM SR1 BOSS SOLDER RING STRAIGHT COUPLER	75784687	22MM SR21 BOSS SOLDER RING OBTUSE ELBOW
75784226	28MM SR1 BOSS SOLDER RING STRAIGHT COUPLER	75784698	28MM SR21 BOSS SOLDER RING OBTUSE ELBOW
75784237	35MM SR1 BOSS SOLDER RING STRAIGHT COUPLER	75784706	35MM SR21 BOSS SOLDER RING OBTUSE ELBOW
75784248	42MM SR1 BOSS SOLDER RING STRAIGHT COUPLER	75784717	42MM SR21 BOSS SOLDER RING OBTUSE ELBOW
75784259	54MM SR1 BOSS SOLDER RING STRAIGHT COUPLER	75784728	54MM SR21 BOSS SOLDER RING OBTUSE ELBOW
75784270	15X.5 SR2 BOSS SOLDER RING FEMALE COUPLER	75784739	15MM SR24 BOSS SOLDER RING EQUAL TEE
75784281	22X.75 SR2 BOSS SOLDER RING FEMALE COUPLER	75784750	22MM SR24 BOSS SOLDER RING EQUAL TEE
75784292	28X1 SR2 BOSS SOLDER RING FEMALE COUPLER	75784761	28MM SR24 BOSS SOLDER RING EQUAL TEE
75784300	35X1.25 SR2 BOSS SOLDER RING FEMALE COUPLER	75784772	35MM SR24 BOSS SOLDER RING EQUAL TEE
75784311	42X1.5 SR2 BOSS SOLDER RING FEMALE COUPLER	75784783	42MM SR24 BOSS SOLDER RING EQUAL TEE
75784322	54X2 SR2 BOSS SOLDER RING FEMALE COUPLER	75784794	54MM SR24 BOSS SOLDER RING EQUAL TEE
75784333	15X.5 SR3 BOSS SOLDER RING MALE COUPLER	75784802	22X22X15MM SR25 BOSS SOLDER RING TEE
75784344	22X.75 SR3 BOSS SOLDER RING MALE COUPLER	75784813	28X28X15MM SR25 BOSS SOLDER RING TEE
75784355	28X1 SR3 BOSS SOLDER RING MALE COUPLER	75784824	28X28X22MM SR25 BOSS SOLDER RING TEE
75784366	35X1.25 SR3 BOSS SOLDER RING MALE COUPLER	75784835	35X35X15MM SR25 BOSS SOLDER RING TEE
75784377	42X1.5 SR3 BOSS SOLDER RING MALE COUPLER	75784846	35X35X22MM SR25 BOSS SOLDER RING TEE
75784388	54X2 SR3 BOSS SOLDER RING MALE COUPLER	75784857	35X35X28MM SR25 BOSS SOLDER RING TEE
75784399	22X15MM SR6 BOSS SOLDER RING REDUCER	75784868	42X42X15MM SR25 BOSS SOLDER RING TEE
75784407	28X15MM SR6 BOSS SOLDER RING REDUCER	75784879	42X42X22MM SR25 BOSS SOLDER RING TEE
75784418	28X22MM SR6 BOSS SOLDER RING REDUCER	75784890	42X42X28MM SR25 BOSS SOLDER RING TEE
75784429	35X15MM SR6 BOSS SOLDER RING REDUCER	75784909	42X42X35MM SR25 BOSS SOLDER RING TEE
75784440	35X22MM SR6 BOSS SOLDER RING REDUCER	75784920	54X54X15MM SR25 BOSS SOLDER RING TEE
75784451	35X28MM SR6 BOSS SOLDER RING REDUCER	75784931	54X54X22MM SR25 BOSS SOLDER RING TEE
75784462	42X15MM SR6 BOSS SOLDER RING REDUCER	75784942	54X54X28MM SR25 BOSS SOLDER RING TEE
75784473	42X22MM SR6 BOSS SOLDER RING REDUCER	75784953	54X54X35MM SR25 BOSS SOLDER RING TEE
75784484	42X28MM SR6 BOSS SOLDER RING REDUCER	75784964	54X54X42MM SR25 BOSS SOLDER RING TEE
75784495	42X35MM SR6 BOSS SOLDER RING REDUCER	75784975	22X15X22MM SR26 BOSS SOLDER RING TEE
75784503	54X15MM SR6 BOSS SOLDER RING REDUCER	75784986	28X15X28MM SR26 BOSS SOLDER RING TEE
75784514	54X22MM SR6 BOSS SOLDER RING REDUCER	75784997	28X22X28MM SR26 BOSS SOLDER RING TEE
75784525	54X28MM SR6 BOSS SOLDER RING REDUCER	75785003	22X15X15MM SR27 BOSS SOLDER RING TEE
75784536	54X35MM SR6 BOSS SOLDER RING REDUCER	75785014	28X22X15MM SR27 BOSS SOLDER RING TEE
75784547	54X42MM SR6 BOSS SOLDER RING REDUCER	75785025	28X22X22MM SR27 BOSS SOLDER RING TEE
75784558	15MM SR12 BOSS SOLDER RING ELBOW	75785036	35X28X28MM SR27 BOSS SOLDER RING TEE
75784569	22MM SR12 BOSS SOLDER RING ELBOW	75785047	15MM SR61 BOSS SOLDER RING STOP END
75784580	28MM SR12 BOSS SOLDER RING ELBOW	75785058	22MM SR61 BOSS SOLDER RING STOP END
75784591	35MM SR12 BOSS SOLDER RING ELBOW	75785069	28MM SR61 BOSS SOLDER RING STOP END
75784610	42MM SR12 BOSS SOLDER RING ELBOW	75785080	35MM SR61 BOSS SOLDER RING STOP END
75784621	54MM SR12 BOSS SOLDER RING ELBOW	75785091	42MM SR61 BOSS SOLDER RING STOP END
75784632	15MM SR12S BOSS SOLDER RING STREET ELBOW	75785110	54MM SR61 BOSS SOLDER RING STOP END
75784643	22MM SR12S BOSS SOLDER RING STREET ELBOW	75785121	15X.5 SR62 BOSS SOLDER RING STRAIGHT TAP CONN SING
75784654	28MM SR12S BOSS SOLDER RING STREET ELBOW	75785132	22X.75 SR62 BOSS SOLDER RING STRAIGHT TAP CONN SING
75784665	15X1/2 SR15 BOSS SOLDER RING W/PLATE ELBOW	75785143	15X.5 SR63 BOSS SOLDER RING BENT TAP CONNECTOR