

Socket Weld Fittings are a family of high pressure fittings used in connecting and creating pipe-work systems whereby they are welded into the system using circumferential socket welds.

They are used only in conjunction with ANSI Pipe and are available in the same size range.

They are used in areas where pipe-work is permanent and are designed to provide good flow characteristics.

Socket Weld Fittings are produced to BS3799, ASTM A182 & ANSI B16.11 as applicable.

They are available in four pressure ratings: 2000lb, 3000lb, 6000lb & 9000lb.

The same range of high pressure fittings is also available with screwed ends with NPT threads.

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REVISION HISTORY

Datasheet Updated	18 July 2019
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DISCLAIMER

This Data is indicative only and as such is not to be relied upon in place of the full specification. In particular, mechanical property requirements vary widely with temper, product and product dimensions. All information is based on our present knowledge and is given in good faith. No liability will be accepted by the Company in respect of any action taken by any third party in reliance thereon.

Please note that the 'Datasheet Update' date shown above is no guarantee of accuracy or whether the datasheet is up to date.

The information provided in this datasheet has been drawn from various recognised sources, including EN Standards, recognised industry references (printed & online) and manufacturers' data. No guarantee is given that the information is from the latest issue of those sources or about the accuracy of those sources.

Material supplied by the Company may vary significantly from this data, but will conform to all relevant and applicable standards.

As the products detailed may be used for a wide variety of purposes and as the Company has no control over their use; the Company specifically excludes all conditions or warranties expressed or implied by statute or otherwise as to dimensions, properties and/or fitness for any particular purpose, whether expressed or implied.

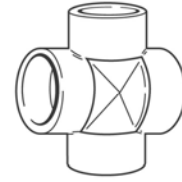
Advice given by the Company to any third party is given for that party's assistance only and without liability on the part of the Company. All transactions are subject to the Company's current Conditions of Sale. The extent of the Company's liabilities to any customer is clearly set out in those Conditions; a copy of which is available on request.



90° Elbow



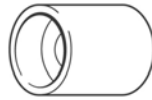
45° Elbow



Cross



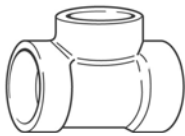
Full Coupling



Reduced Coupling



Half Coupling





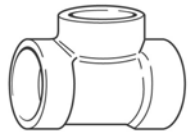
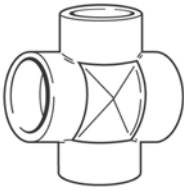

Equal Tee

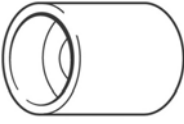
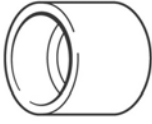




Union



Cap

Fitting	Use / Notes
 90° Elbow	Enables the pipe run to be turned through a right angle.
 45° Elbow	Enables the pipe run to be turned through 45 degrees.
Equal Tee  Equal Tee	Allows the connection of a branch at right angles from the main pipe run. Female thread at all three connections.
 Cross	Rarely used. Can bring 3 flow lines into one or act as a Tee with a flow or pressure meter on the fourth leg.
 Full Coupling	Used to connect two pipes

Fitting	Use / Notes
 Reduced Coupling	A shorter Coupling
 Half Coupling	An even shorter Coupling that is half the length of a full Coupling.
 Union	Used to connect two pipes. Used when easy or regular access is required e.g. for cleaning.
 Cap	Used for blanking off.

Stainless Steel High Pressure Fittings - Socket Weld

High Pressure 3000lb Socket Weld Fittings to ANSI B16.11 in Grades 304L & 316L

Size Range: ½" to 3"



90° Elbow



45° Elbow



Equal Tee



Reducing Tee



Full Coupling



Union



Cap