
Olet fittings



Olet Fittings (also called Branch Connection Fittings or Outlet Fittings) are fittings which provide an outlet from a larger pipe to a smaller one (or one of the same size).

The main pipe onto which the branch connection is welded is usually called the Run or Header size. The pipe to which the branch association or connection gives a pipe is conventionally called the Branch or Outlet estimate. Branch connections are in all sizes, sorts, bores, and classes, in various steel grade.

Applicable standards, such as ANSI/ASME B16.9, ANSI/ASME B16.25 or MSS SP-97.

The mostly used olet fittings are sockolets and threadolet, weldolet and elbolets.

The weldoflange is a combination of a Welding Neck flange and a supposedly weldolet, while the nipoflange is a combination of a Welding Neck flange and a nipolet.

SOCKOLET

A sockolet has the same basic design as a “weldolet” or “threadolet” where the major difference is that a sockolet has a socket for welding while the weldolet has got a buttweld connection. This makes a 90° branch and comes in full size or reducing for a straight piece of pipe. Sockolets are available in Class 3000, 6000 and 9000 for high pressures.

支管台（管座）标准及使用，压力等级情况详解

① 发布时间：2019-06-11 14:50:07 吕 作者： 阅读数：137阅读

详细介绍

支管台outlet（又称管座）是为大口径管道向小口径管道提供了一个分支。支管台焊接其上的管道称为主管，焊接于支管台之上的管道称为支管。具有安全可靠、降低造价、施工简单、改善介质流道、系列标准化、设计选用方便等突出优点，尤其在高压、高温、大口径、厚壁管道中使用日益广泛，取代了传统的支管连接方法。常见支管台形式有：对焊支管台、螺纹支管台、承插支管台、斜接支管台、弯头支管台、短管支管台及特殊支管台等

连接方式有：螺纹、对焊、承插焊

压力等级：3000LB/6000LB/9000LB

标准：MSS SP-97 GB/T19326

螺纹：BSP NPT



Weldolet



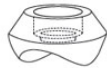
NPT Nipolet



Thredolet



Nipolet



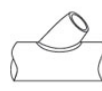
Sockolet



Elbowlet



Swept Outlet



Laterolet

THREDOLET

A thredolet has the same basic design as a weldolet. However the main difference is the fitting has a female threaded connection to link to the branch connection. This makes a 90° branch and comes in full size or reducing for a straight piece of pipe.

Typically, it is in the size range of 1/2" to 2" and is welded over a hole either drilled or burned in the pipe.

ELBOLET

An elbolet is used on 90° long radius elbows (most common), short radius elbows (seldom used) and can be used on 180° returns. It is typically used for instrumentation connections and thermowells. Thermowells are tubular fittings used to protect temperature sensors installed in industrial processes. A thermowell consists of a tube closed at one end and mounted in the process stream.

Elbolets can be used as a drain connection when there is not enough room to use a Weldolet. The Elbolet is available with butt weld, socket weld or threaded connections.

WELDOLET

Weldolets are the most well-known among all the olets and are well-suited for high pressure weight applications. These are principally sorted as butt weld fittings, as these are welded into the branch pipe. .

A Weldolet® makes a 90° branch connection and – comes in full size or reducing for a straight piece of pipe. A weldolet is designated by the run length by the branch length. For example a 6-inch weldolet on a 10-inch pipe would be a 10×6 Weldolet. A weldolet is designed to minimize stress

concentrations and provide integral reinforcement without the need for reinforcing the weld.

WELDOLETS MAIN SPECIFICATIONS

Type: Forge Pipe Olets / Forge Pipe Outlets

1. Size: 1/8"NB TO 4"NB (DN6 x DN100)
2. Class: 3000 LBS, 6000 LBS & 9000 LBS (Sch40, Sch80/Xs Sch160 Xxs)
3. Standards: ASME/ANSI B16.11, MSS-SP-97, MSS-SP-79, JIS B2316, BS 3799, etc.
4. Connect Type: Welded, threaded, BW, SW
5. Materials: Stainless steel: ASTM A182 F304, F304L, F316, F316L, F317L, F321, F321H, F347, F347H, F310, F44F51, S31803, A182, F43, S32750
6. Line Pipe: ASTM A694 F42, F46, F52, F56, F60, F65, F70Low

Optional Value Added Services: Hot Rolling, Cold Rolling, Galvanizing, Heat Treatment, Tempering, Electro Polishing, Threading, Sand Blasting, Soldering.

Steel Available can supply through its network of qualified manufacturers and stockists all types of branch connection fittings as per customer preferences.

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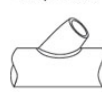
NPT Nipolet



Nipolet



Elbowlet



Laterolet

Product link : <https://www.triround-inox.com/olet-fittings.html>