













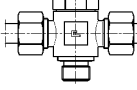






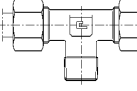
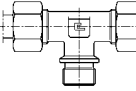





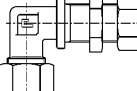
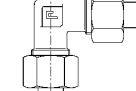
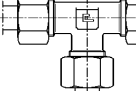
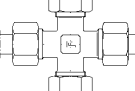
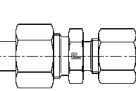



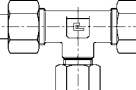





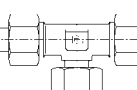
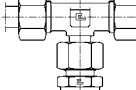





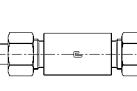
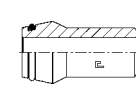

























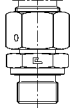
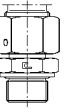
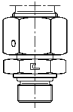
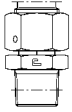
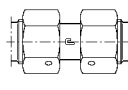
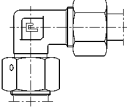
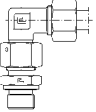
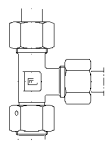
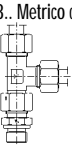
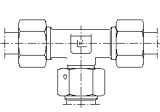
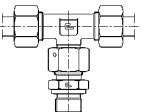
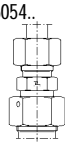
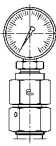
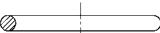
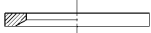
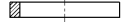
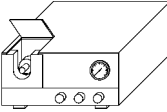
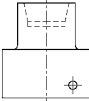
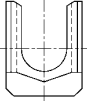
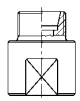
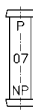


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| Type: 1027.. Metrico conico  pag 97 | Type: 1028.. Gas cilind. Type: 1029.. Metrico cilind.  pag 98 | Type: 1030.. Gas conico Type: 1031.. NPT  pag 99 | Type: 1032.. Metrico conico  pag 100 | Type: 1033.. Gas cilind. Type: 1034.. Metrico cilind.  pag 101 | Type: 1035..  pag 102 | Type: 1036..  pag 103 |
| Type: 1037..  pag 104 | Type: 1038..  pag 105 | Type: 1039..  pag 106 | Type: 1040..  pag 107 | Type: 1041..  pag 108 | Type: 10LT..  pag 109 | Type: 1042..  pag 110/111 |
| Type: 1043.. Gas cilind. Type: 1044.. Metrico cilind.  pag 112/113 | Type: 1045..  pag 114/115 | Type: 10NTL..  pag 116 | Type: 1046..  pag 117/118 | Type: 1047.. Gas cilind. Type: 1048.. Metrico cilind.  pag 119/120 | Type: 1049.. Gas cilind.  pag 121 | Type: 10NTT..  pag 122 |
| Type: 1050..  pag 123/124 | Type: 1051.. Gas cilind. Type: 1052.. Metrico cilind.  pag 125/126 | Type: 10H..L  pag 127 | Type: 1053..  pag 128/129 | Type: 10H..S  pag 130 | Type: 1054..  pag 131/132 | Type: 1055..  pag 133 |
| Type: 1056..  pag 134 | Type: 1057..  pag 135 | Type: 1058..  pag 136 | Type: 1059.. Gas cilind.  pag 137 | Type: 10CFM.. Gas cilind.  pag 138 | Type: 1060.. Gas cilind.  pag 138 | Type: 1061.. Gas cilind. Type: 1062.. Metrico cilind.  pag 139/140 |
| Type: 1063.. UNF/UN-2A  pag 141 | Type: 1064.. Gas cilind. Type: 1065.. Metrico cilind.  pag 142/143 | Type: 1066.. UNF/UN-2A  pag 144 | Type: 1067.. Gas cilind. Type: 1068.. Metrico cilind.  pag 145/146 | Type: 1069.. UNF/UN-2A  pag 147 | Type: 1070.. Gas cilind. Type: 1071.. Metrico cilind.  pag 148/149 | Type: 1072.. UNF/UN-2A  pag 150 |

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| | | | | | | |
|---|---|---|---|---|---|---|
| Type: 1073..  | Type: 1074.. Gas cilind.  | Type: 1075.. Gas cilind.  | Type: 1076.. Gas cilind. Type: 1077.. Metrico cilind.  | Type: 1078.. Gas cilind. Type: 1079.. Metrico cilind.  | Type: 1080..  | Type: 1081.. Gas cilind. Type: 1082.. Metrico cilind.  |
| pag 151 | pag 152 | pag 152 | pag 153 | pag 154 | pag 155 | pag 156 |
| Type: 1083..  | Type: 1084..  | Type: 1085..  | Type: 1086..  | Type: 1087..  | Type: 1088.. Gas cilind. Type: 1089.. Metrico cilind.  | |
| pag 157 | pag 157 | pag 158 | pag 158 | pag 158 | pag 159 | |

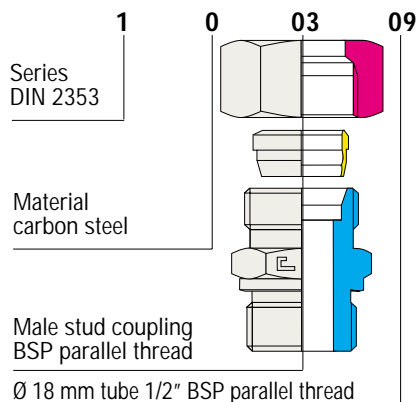
| | | | | | | |
|--|---|--|---|---|---|--|
| Type: 6005.. Gas cilind. Type: 6006.. Metrico cilind.  | Type: 6007.. Gas cilind. Type: 6008.. Metrico cilind.  | Type: 6009.. UNF/UN-2A  | Type: 6010.. NPT  | Type: 6035..  | Type: 6042..  | Type: 6043.. Gas cilind. Type: 6044.. Metrico cilind.  |
| pag 162 | pag 163 | pag 164 | pag 165 | pag 166 | pag 167 | pag 168 |
| Type: 6046..  | Type: 6047.. Gas cilind. Type: 6048.. Metrico cilind.  | Type: 6050..  | Type: 6051.. Gas cilind. Type: 6052.. Metrico cilind.  | Type: 6053.. Type: 6054..  | Type: 6060.. Gas cilind.  | |
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| | | | | | | |
|---|---|---|---|--|---|---|
| Type: 0301.. NBR Type: 0302.. Viton  | Type: 0303.. NBR Type: 0304.. Viton  | Type: 0305.. NBR Type: 0306.. Viton  | Type: 100000  | Type: 1000..  | Type: 1000..  | Type: 1000..  |
| pag 160 | pag 160 | pag 160 | pag 161 | pag 161 | pag 161 | pag 161 |
| Type: 1000..  | | | | | | |
| pag 161 | | | | | | |

ORDERING EXAMPLE

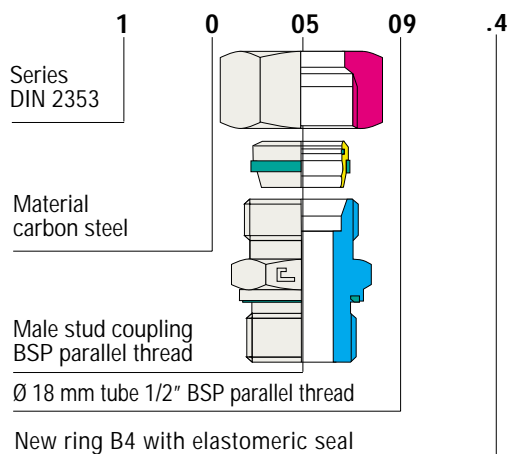
B3 STANDARD RING

- If you require a male stud coupling for a \varnothing 18 mm tube with 1/2" BSP parallel thread made of carbon steel with standard ring specify:



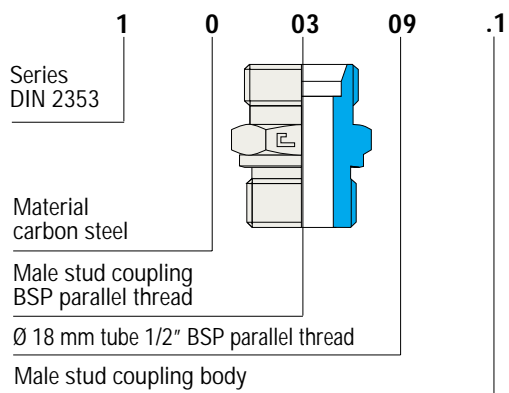
B4 PATENTED RING

- If you require a male stud coupling for a \varnothing 18 mm tube with 1/2" BSP parallel thread made of carbon steel with the new ring B4 with elastomeric NBR seal on the threaded end specify:
- If you wish for the VITON seal add ".V" after the last number.



CORPO ONLY BODY

- If ordering only the body add to the fitting code the number ".1", specify:

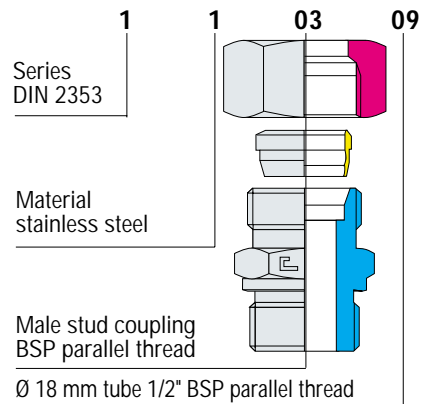


VITON® is a DuPont Dow Elastomers Trade Mark

ORDERING EXAMPLE

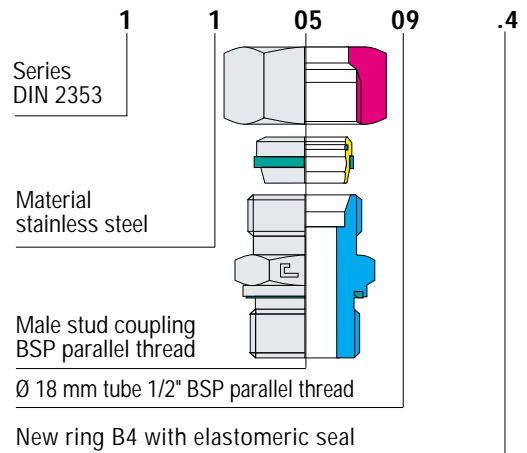
B3 STANDARD RING

- If you require a male stud coupling for a Ø18 mm tube with 1/2" parallel thread made of stainless steel with standard ring specify:



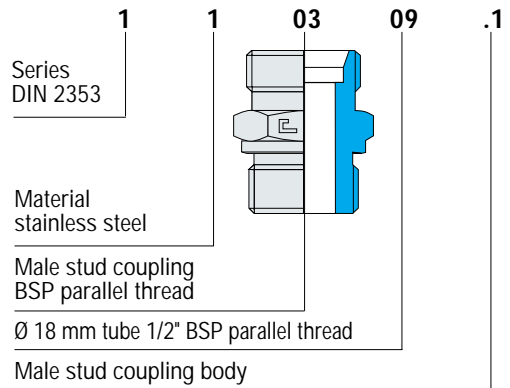
B4 PATENTED RING

- If you require a male stud coupling for a Ø 18 mm tube with 1/2" BSP parallel thread made of stainless steel with the new ring B4 with elastomeric VITON seal on the threaded end specify:
- If you wish for the NBR seal add ".N" after the last number



CORPO ONLY BODY

- If ordering only the body add to the fitting code the number ".1", specify:



VITON® is a DuPont Dow Elastomers Trade Mark



B3

STANDARD DOUBLE CUTTING EDGE RING ASSEMBLED
ON ALL CAST PRODUCTION ASSURES SEALING AND SAFETY

AVAILABLE IN CARBON AND STAINLESS STEEL

THEORY OF OPERATION

The Cast fitting, manufactured according to ISO 8434-1/DIN 2353 norm is a mechanical fitting with a double cutting ring for double stapling on the tube.

The ring helps fast assembly of removable tubes, avoids welding, tapping and flaring, thus assuring maximum simplicity of complex oleo-dynamic systems.

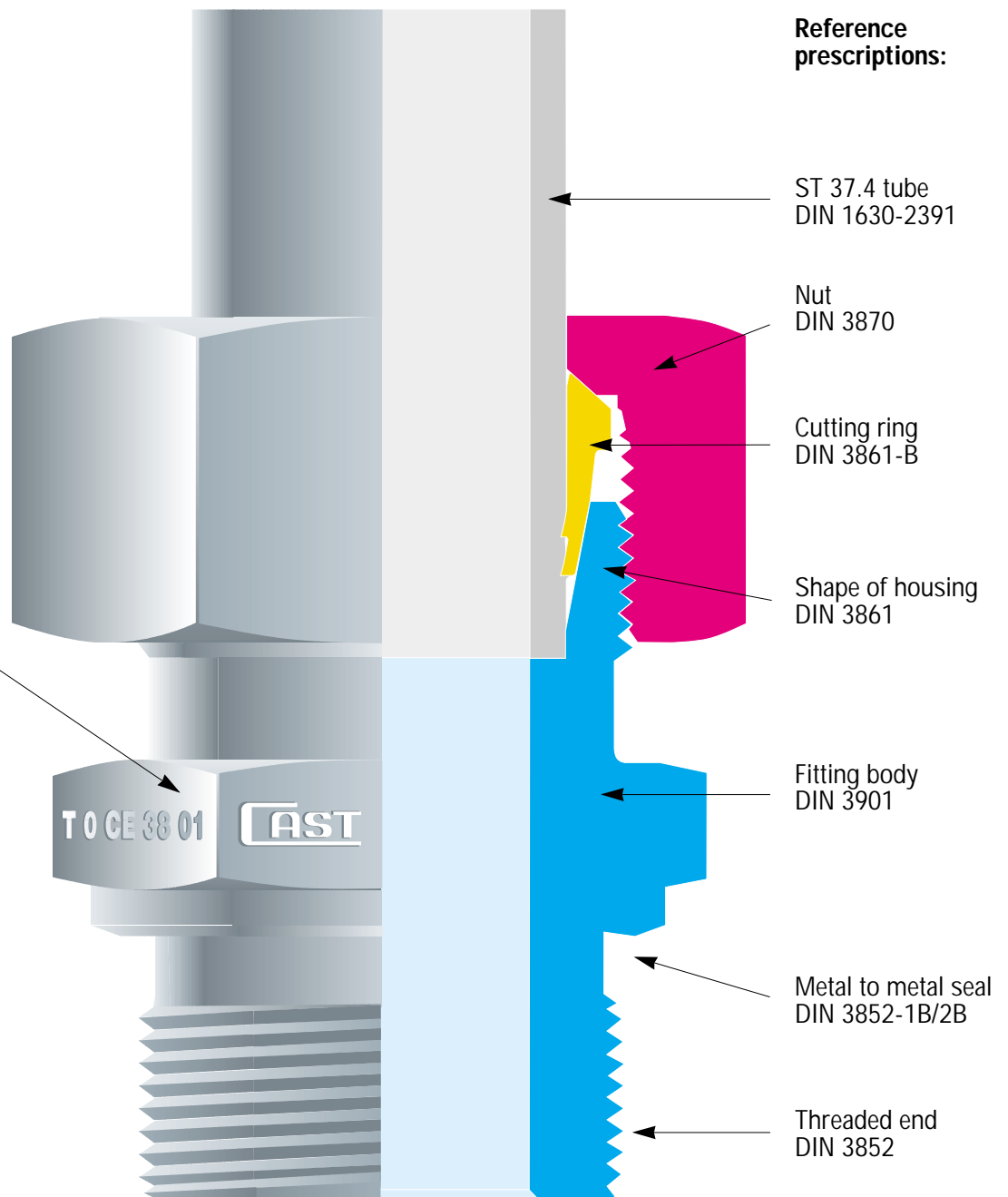
During tightening by the nut, the ring deforms according to the bore of the 24° cone of the fitting and bites into the steel tube, producing two deep cuts the first of which is visible due to lifting of an outer edge on the diameter of the tube, allows the water tightness and anti-unthreading of the ring. The second groove (invisible) balances the forces on the whole ring, prevents vibrations to reach the first groove and stops the stapling of the tube at a predetermined value.

COUPLING SYSTEM DIN 2353

Traceability decoding

CAST =
Manufacturer

- T =
Production plant
- 0 =
Year manufactured
- CE =
Made in EEC
- 38 =
Type of steel used
- 01 =
Heat number of the steel used



TECHNICAL CHARACTERISTICS

The Cast fitting assures a perfect seal, independently from the fluid used, provided that no corrosive fluids be employed and the nominal pressures not be trespassed. Fittings are manufactured in three ranges to be chosen according to the required working conditions.

"LL" extra light range, suitable for low and medium working pressures up to 100 bar.

"L" light range, suitable for medium/high pressure applications, however not over 315 bar.

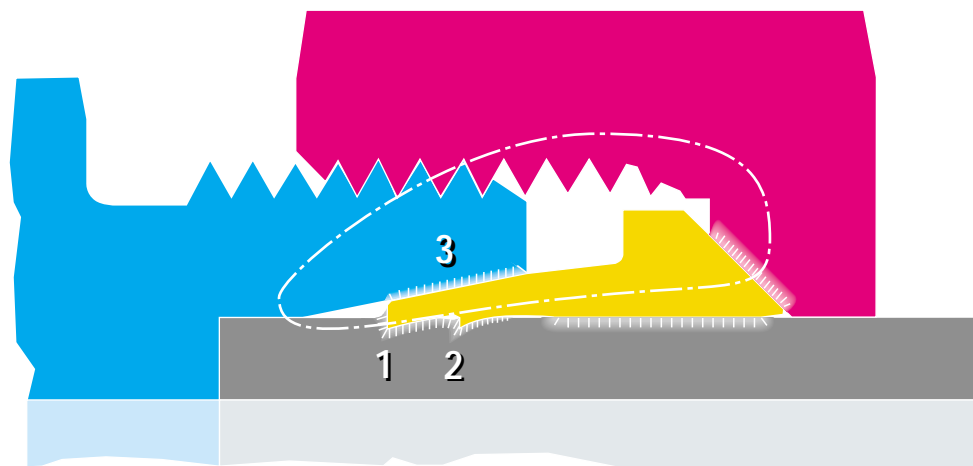
"S" heavy range, for severe conditions, with high pressures, water hammering, high temperatures and a maximum pressure of 630 bar.

Vibrations according to the standards, don't change the fitting's performance that, even at maximum values keeps its characteristics of absolute reliability.

Before assembly on the metal tube



After assembly on the metal tube



Field of force after assembly



Pressure surfaces after assembly



Sealing points

1 - 2 - 3

DETAIL OF B3 CUTTING RING SEALING POINTS

Cutting ring: 100110

Tube: Ø22x1,5

Cutting ring assembly: one full turn on fitting body as per DIN 3859-2 norm

Magnifying: Microscope x5

Detail scale: 0,5



SEALING POINT 1 – FIRST CUTTING EDGE



SEALING POINT 2 – SECOND CUTTING EDGE



SEALING POINT 3 – 24° CONE



B4

NEW SIX-SEALS CUTTING RING.
INTERNATIONAL INDUSTRIAL PATENT Nr. 864061 of the 10/03/99
FLANKS AND DOES NOT REPLACE THE STANDARD RING CURRENTLY IN USE

AVAILABLE IN CARBON AND STAINLESS STEEL

THEORY OF OPERATION

The "B4" is a highly innovative, deformable, double clinching, double edge ring with double elastomer seal that is assembled according to well-known techniques and is perfectly interchangeable with all types of rings used on 24° cone fittings complying with the ISO 8434-1/DIN 2353 standards.

The ring helps fast assembly of removable tubes, avoids welding, tapping and flaring, thus assuring maximum simplicity of complex oleo-dynamic systems.

During tightening by the nut, the ring deforms according to the bore of the 24° cone of the fitting and bites into the steel tube, producing two deep cuts the first of which is visible due to lifting of an outer edge on the diameter of the tube, allows the water tightness and anti-unthreading of the ring. The second groove (invisible) balances the forces on the whole ring, prevents vibrations to reach the first groove and stops the stapling of the tube at a predetermined value.

COUPLING SYSTEM DIN 2353

Traceability decoding

CAST =
Manufacturer

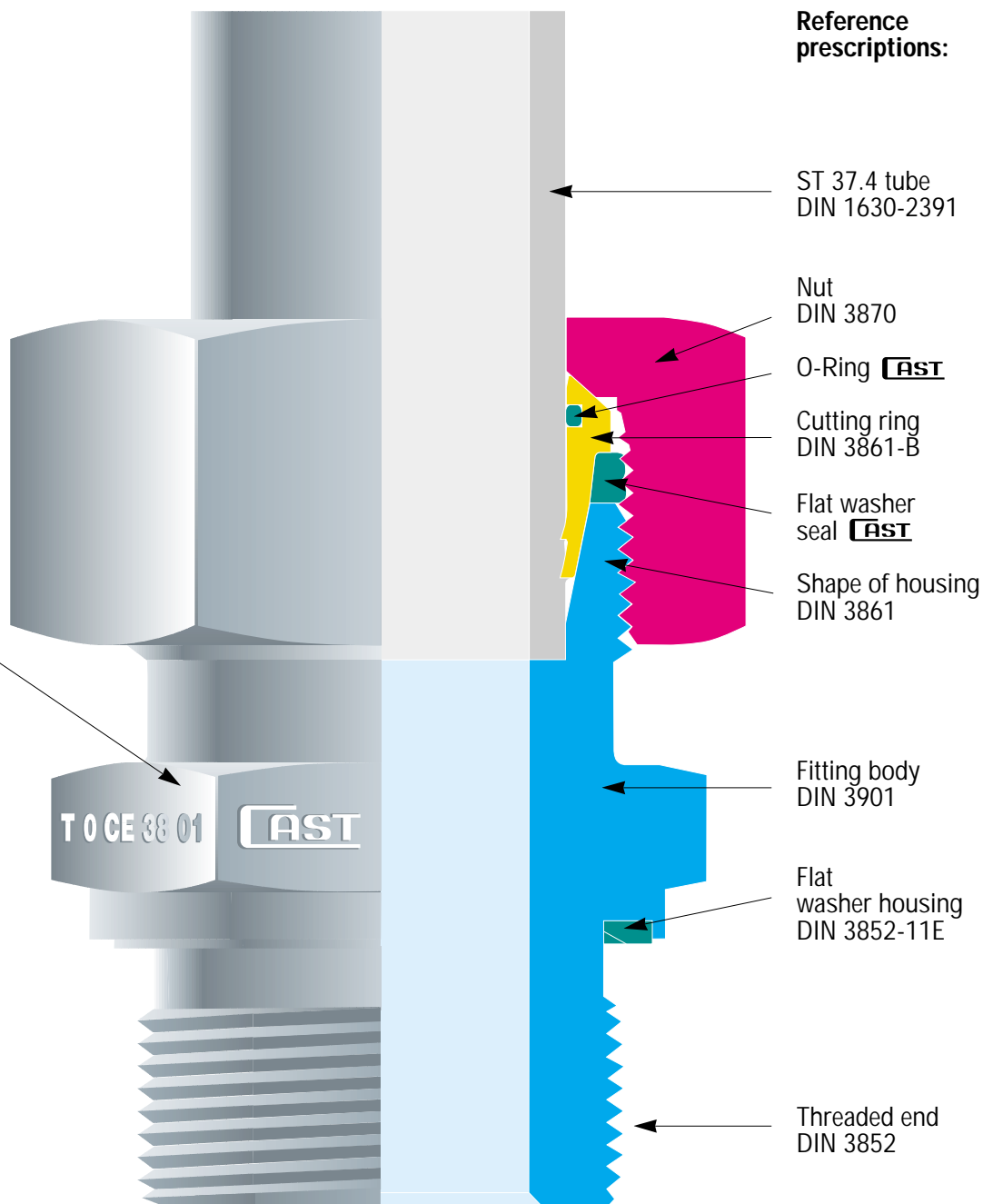
• T =
Production plant

• 0 =
Year manufactured

• CE =
Made in EEC

• 38 =
Type of steel used

• 01 =
Heat number of the steel used



Reference prescriptions:

ST 37.4 tube
DIN 1630-2391

Nut
DIN 3870

O-Ring **CAST**

Cutting ring
DIN 3861-B

Flat washer seal **CAST**

Shape of housing
DIN 3861

Fitting body
DIN 3901

Flat washer housing
DIN 3852-11E

Threaded end
DIN 3852

TECHNICAL CHARACTERISTICS

The "B4" ring assures perfect tightness of the circuit regardless of the fluid used provided that corrosive fluids are avoided and the nominal pressures of the fittings are complied with. The fittings on which the "B4" rings are mounted are manufactured in two series that are used according to the operating conditions.

"L" light duty series for applications characterized by medium high pressures, maximum 315 bar.

"S" heavy duty series for harsh applications characterized by high temperatures and a maximum pressure of 630 bar.

"B4" performance is not affected by vibrations within normal limits and the product maintains its optimal characteristics, as an absolutely safe ring, even at maximum values.

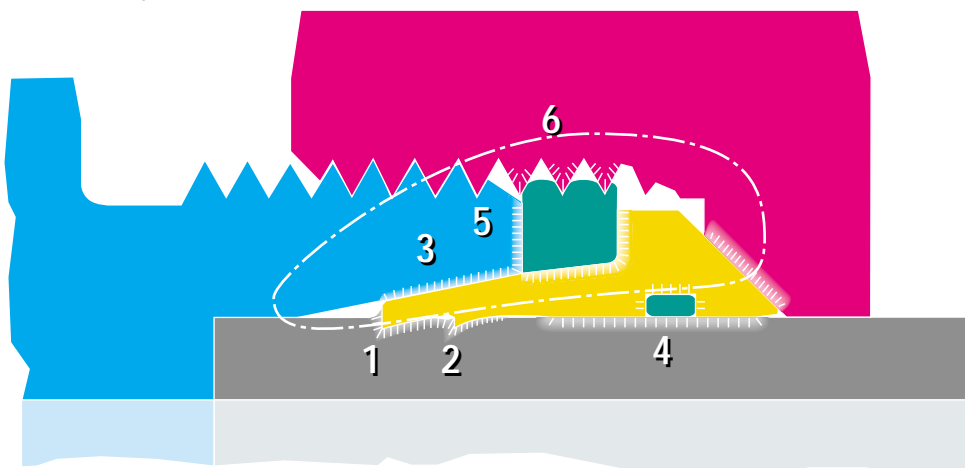
When the fitting, ring, nut, tube system is assembled, the flat seal is compressed between the head of the cutting ring and the front of the fitting body. The mechanical pressure applied to the flat seal causes flexure towards the outside, with a consequent increase in diameter. The deformation causes the compressed material of the seal to fill the turns of the thread of the nut free from the closing coupling with the fitting body, assuring locking of the nut and preventing any vibration-induced loosening of this.

When the fitting is disassembled the flat seal goes back to its original shape, without any damage, freeing the nut threads.

Before assembly on the metal tube



After assembly on the metal tube



Field of force after assembly



Pressure surfaces after assembly



Sealing points

1 - 2 - 3 - 4 - 5 - 6

109. DETAIL OF B4 CUTTING RING SEALING POINTS

Cutting ring: 100110.4

Tube: Ø22x1,5

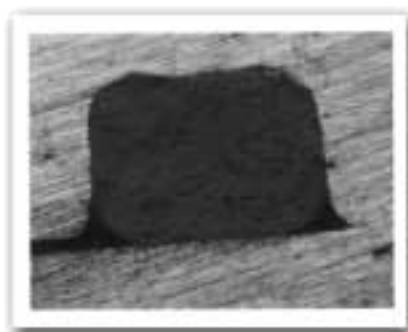
Cutting ring assembly: one full turn on fitting body as per DIN 3859-2 norm

Magnifying: Microscope x5

Detail scale: 0,5



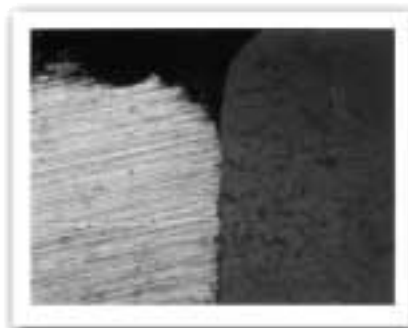
SEALING POINT 1
FIRST CUTTING EDGE



SEALING POINT 4
O-RING



SEALING POINT 2
SECOND CUTTING EDGE



SEALING POINT 5
FLAT WASHER SEAL ON FITTING BODY



SEALING POINT 3
24° CONE



SEALING POINT 6
FLAT WASHER SEAL IN NUT THREADS

TECHNICAL INNOVATION

For many years now, there has been an increasing imperative market demand for fluid system components able to guarantee three main factors: safety, easy assembly, leakage-free tightness.

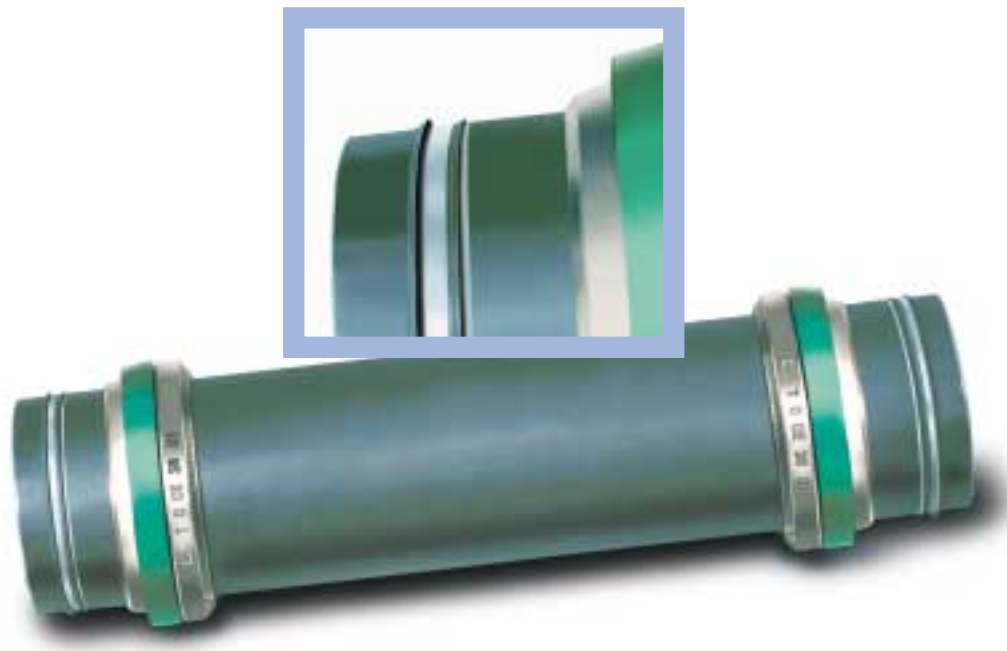
These elements, now considered essential for safety of the working environment (Law 626/94), product liability (Presidential Decree 224-EEC 85/374) and for the entire environmental protection system have promoted the development of the new "B4" ring as an effective response to all the above-mentioned problems.

PRODUCT CONCEPT

The most original aspect of the product is that the structure of the existing ring has been used, inserting an O-Ring in the inside part to obtain another seal on the tube used and a flat seal on the outer diameter to obtain two additional seals.

The main idea behind the development of the "B4" was to design a new cutting ring able to go one step beyond the known techniques and to solve the problem of minor losses of tightness, leaks, sweating and loosening of the system fastening nut.

With this new ring, the double clinching of the steel tube is still possible and as well as, for obvious reasons of safety, the visual inspection of correct coupling between the ring and the steel tube, maintaining the current, perfectly functional system of assembly that is widely known to product users.



SEALING

"B4" solves the problem of absolute tightness in the following way:

- On the outer diameter of the steel tube, with the double cutting edges and with an O-Ring placed inside the ring that provides a first seal with an elastomeric material that didn't exist before.
- In the 24° cone of the fitting body, with an increase in the metal-on-metal contact area and with a flat seal, placed statically on the outer diameter of the cutting ring which, when compressed between the head of the ring and the front of the fitting body, provides a second seal with an elastomeric material that didn't exist before.
- In the thread of the system fastening nut, with the flat seal. When this is compressed between the head of the ring and the front of the fitting body, it fills the threads of the nut that are not engaged in clinching of the coupling system, thus providing a third seal with an elastomeric material that didn't exist before.
- Basically, the "B4" provides six points of seal of which three metal to metal and three by means of two soft elastomeric seals (the flat seal assures two sealing points) thus obtaining a product able to assure complete tightness without any possibility of leakage even in particularly harsh operating conditions.

GENERAL INSTRUCTIONS FOR B3 AND B4 RINGS

- Before starting the preassembly make sure that the pierce of the machine and the hardened blocks are in perfect working order. Further inspections are necessary during the preassembly (every 30-50 tightenings). For this purpose we advise to use a control buffer 1000... pierce and replace any block out of tolerance.
- Over the whole tightening phase the tube must be in touch with the inner part of the body of the fitting. If this does not happen, the ring will advance with the tube without indenting it, so the coupling would not be functional and it would be necessary to do the operation again. The tube must not turn with the nut during the tightening phase; the capability of the ring to rotate, once the pre-assembly is done, is not a deficiency but is a consequence of the right elasticity of the ring. Always check that the tube be correctly indented. If the indentation does not cover 80% of the ring front side then the assembly is not functional and must be done again. Indicated pressures are for steel tubes only.
- In case thin wall tubes are used, specially mild tubes, or tubes in Rilsan or similar, the assembling is possible, but a suitable reinforcement must be inserted into the end of the tube that is going to be tightened. Without the reinforcement it is not possible to operate with the above mentioned materials.
- Before assembling the preassembled tube to the equipment it is necessary to check that the tube and the fitting are aligned. Fitting should never be used to correct a wrong alignment or to be a support for the tube. Extremely long tubes or tubes undergoing high stress have absolutely to be fixed by using some support to avoid excessive vibrations that could cause damage to the system.
- The proper lubrication of components involved in the tightening is basic for good working. We advise to use mineral oils for carbon steel fittings and anti-seizing compound (Nickel basis) for Stainless steel fittings.
- The fittings and the valves in this technical catalogue may be used for fluideo-dynamic connections only.
- Is not allowed to mix carbon and stainless steel components.

UTILIZATION STANDARDS FOR B3 AND B4 CUTTING RINGS

CARBON STEEL FITTINGS

- High quality tubes must be employed to assure correct use and related technical performance of carbon steel fitting. Use of tubes without the aforementioned characteristics may seriously impair the efficiency of the fitting. We recommend use of the following tubes only: ST 37.4 steel seamless tubes complying with DIN 1630, inner and outer diameter tolerances as per DIN 2391, maximum permissible hardness, measured on the outer diameter of the tube is 75 HRB.
- All carbon steel tubes with a diameter of more than 10 mm must be pre-assembled using the specific preassembly machine. If this is not available, hardened blocks, to be clamped in vice for manual preassembly, must be used. Remember to oil the thread, nut and ring. If hardened pre-assembly blocks are not available, normal straight fittings can be used. The fitting used once must be replaced at each tightening. During preassembly, pay particular attention to parts such as reducing standpipes and nipples as these are made of raw materials characterized, therefore, by higher resistance compared with the cuts made on annealed tubes. These parts must always be pre-assembled on hardened 24° cones (for all diameters).

STAINLESS STEEL FITTINGS

- High quality tubes must be employed to assure correct use and related technical performance of stainless steel fitting. Use of tubes without the aforementioned characteristics may seriously impair the efficiency of the fitting. We recommend use of the following tubes only: cold drawn seamless tube 1.4571 as per DIN 17458 or ASTM A 269, maximum permitted hardness, measured on the outer diameter of the tube, measured on the outer diameter of the tube is 85 HRB. Electrically welded tubes may be used provided they comply with the mechanical tolerances of the aforementioned standards and related hardness values.
- All stainless steel tubes must be pre-assembled using the specific preassembly machine. If this is not available, hardened blocks must be used for manual preassembly. In this case, make sure that the bench and vice in which the block is clamped are firmly fastened to prevent any possibility of movement caused by the twisting moment applied to the nut during the preassembly phase. Assembly or preassembly operations directly on the fitting are not allowed.

QUALITY ASSURANCE ACCORDING TO UNI EN ISO 9001

The Quality Assurance System complies with UNI EN ISO 9001, certificate (N°90/94) issued by the RINA certification authority recognized by IQNET at European level.

CAST S.p.A. has also obtained the DVGW product omologation for stainless steel fittings, and DNV product omologation for carbon and stainless steel fittings with B3 and B4 cutting rings.

At the customer's request, our Quality Service will issue certificates of origin for the materials used to manufacture the products delivered.

Our Quality Experts are always ready to provide customers with advice, to guide them around our facilities as to provide documentation of the traceability system applied.

COMPONENT TESTING

In addition to the normal dimensional checks carried out during machining, percentage inspections of the finished product, practical tightness and fatigue tests, coupling tests between the various parts are also carried out on CAST fittings. At the customer's request, our Product Test and Inspection Service issues the certificate of the tests carried out: dimensional and geometrical tests, checking of static seal at low and high pressure, dynamic seal at high pressure (maximum operating pressure + 33%) as per ISO 8434-5.

If required by the customer, tests can be carried out by various Third Party Authorities including: RINA – DVGW – Lloyd's Register of Shipping – Det Norske Veritas – Germanischer Lloyd – American Bureau of Shipping (to be specified on the order).

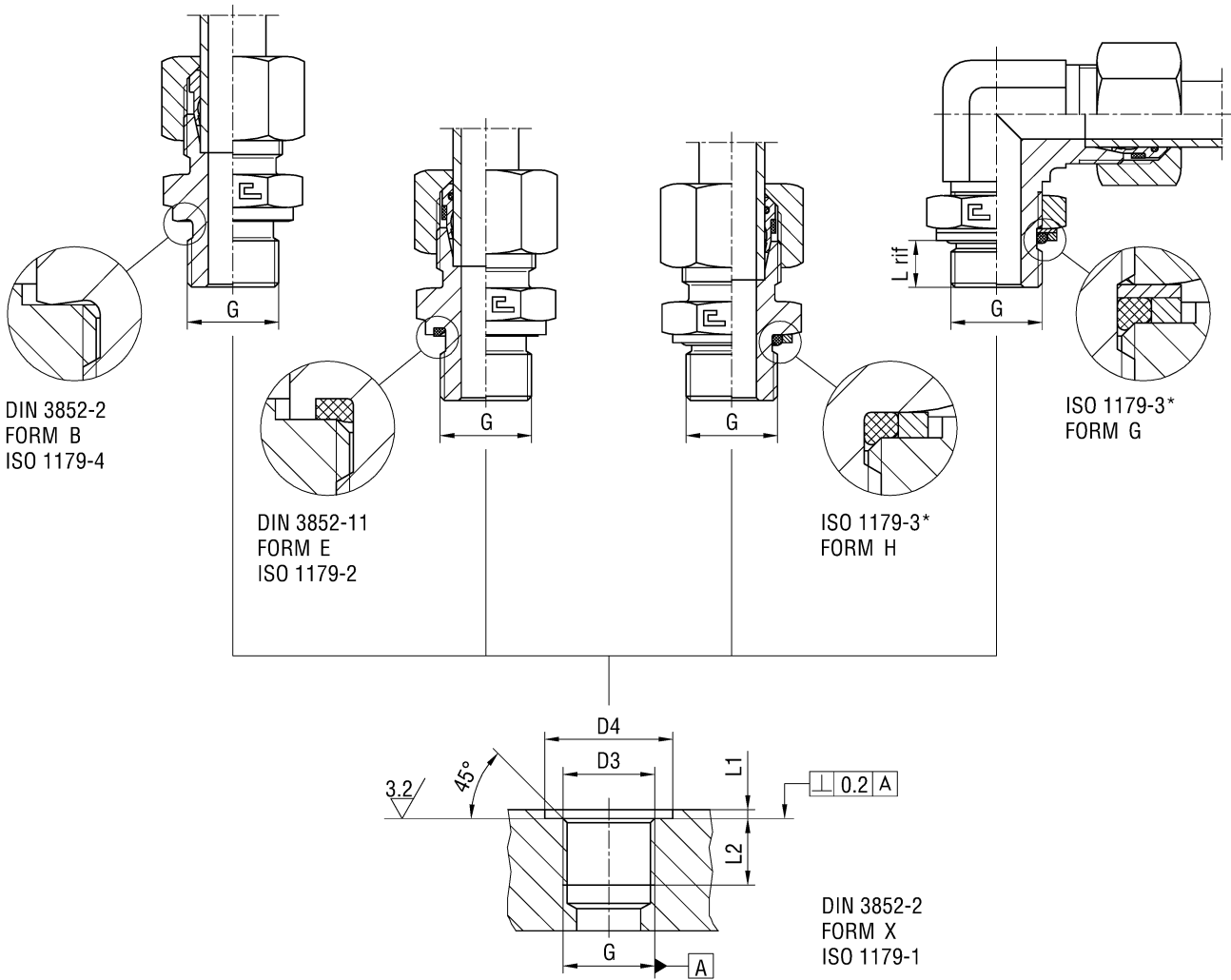
SAFETY FACTORS

- B3 and B4 rings provide the right answer to safety problems so that absolute functional reliability between the ring, the steel tube and the fitting body is guaranteed by the double clinching and automatic locking of the cuts on the steel tube (assured by the particular shape of the ring).
- CAST's product range fully complies with the construction parameters of reference standards.
- The nominal operating pressures (bar) given in the catalogue indicate the maximum permissible pressures (including pressure peaks). For higher pressure the items must be tested in accordance with the manufacturer for specific applications.
- The safety factor is 4:1 and is intended with static load and with the temperature at the values indicated as per DIN 3861 (24° cone) for tube connection. The same safety factor 4:1 is intended for parallel threaded end fittings with elastomeric seal. For stud couplings with taper or parallel threaded end fittings with metal to metal seal safety factor is 2,5:1.
- Is understood that the product is guaranteed only if the full connection is made entirely with CAST S.p.A. products and components.



*Destructive testing with 28x2 carbon steel tube
The tube burst at 650 bar without any leakages or sweating from the sealing points*

STUD ENDS DIN 2353 WITH BSPP THREAD



| Serie | ØTube | BSPP Thread | D3 | D4 min form B/E | D4 min form G/H | L1 max | L2 min | L rif | Torque (Nm) form B | Torque (Nm) form E | Torque (Nm) form H | Torque (Nm) form G |
|-------|-------|-------------|------|-----------------|-----------------|--------|--------|-------|--------------------|--------------------|--------------------|--------------------|
| L | 6 | G 1/8 | 9,8 | 15 | 17,2 | 1 | 8 | 7,5 | 20 | 20 | 20 | 20 |
| | 8 | G 1/4 | 13,2 | 20 | 20,7 | 1,5 | 12 | 10,2 | 45 | 45 | 45 | 45 |
| | 10 | G 1/4 | 13,2 | 20 | 20,7 | 1,5 | 12 | 10,2 | 45 | 45 | 45 | 45 |
| | 12 | G 3/8 | 16,7 | 23 | 24,5 | 2 | 12 | 10,4 | 70 | 70 | 70 | 70 |
| | 15 | G 1/2 | 21 | 28 | 29,6 | 2,5 | 14 | 13,1 | 130 | 85 | 85 | 85 |
| | 18 | G 1/2 | 21 | 28 | 29,6 | 2,5 | 14 | 13,1 | 130 | 85 | 85 | 85 |
| | 22 | G 3/4 | 26,5 | 33 | 36,9 | 2,5 | 16 | 13,5 | 170 | 170 | 170 | 170 |
| | 28 | G 1 | 33,3 | 41 | 46,1 | 2,5 | 18 | 14,7 | 330 | 330 | 330 | 330 |
| S | 35 | G 1 1/4 | 42 | 51 | 54 | 2,5 | 20 | 14,7 | 510 | 430 | 430 | 430 |
| | 42 | G 1 1/2 | 47,9 | 56 | 60,5 | 2,5 | 22 | 14,7 | 600 | 510 | 510 | 510 |
| | 6 | G 1/4 | 13,2 | 20 | 20,7 | 1,5 | 12 | 10,2 | 55 | 55 | 55 | 55 |
| | 8 | G 1/4 | 13,2 | 20 | 20,7 | 1,5 | 12 | 10,2 | 55 | 55 | 55 | 55 |
| | 10 | G 3/8 | 16,7 | 23 | 24,5 | 2 | 12 | 10,4 | 85 | 80 | 80 | 80 |
| | 12 | G 3/8 | 16,7 | 23 | 24,5 | 2 | 12 | 10,4 | 85 | 80 | 80 | 80 |
| | 14 | G 1/2 | 21 | 28 | 29,6 | 2,5 | 14 | 13,1 | 150 | 110 | 110 | 110 |
| | 16 | G 1/2 | 21 | 28 | 29,6 | 2,5 | 14 | 13,1 | 150 | 110 | 110 | 110 |
| S | 20 | G 3/4 | 26,5 | 33 | 36,9 | 2,5 | 16 | 13,5 | 280 | 170 | 170 | 170 |
| | 25 | G 1 | 33,3 | 41 | 46,1 | 2,5 | 18 | 14,7 | 330 | 330 | 330 | 330 |
| | 30 | G 1 1/4 | 42 | 51 | 54 | 2,5 | 20 | 14,7 | 510 | 430 | 430 | 430 |
| | 38 | G 1 1/2 | 47,9 | 56 | 60,5 | 2,5 | 22 | 14,7 | 680 | 510 | 510 | 510 |

Performances:
 - Pressure capacity
 - Sealing characteristics
 - Additional sealing required
 - Safety factor

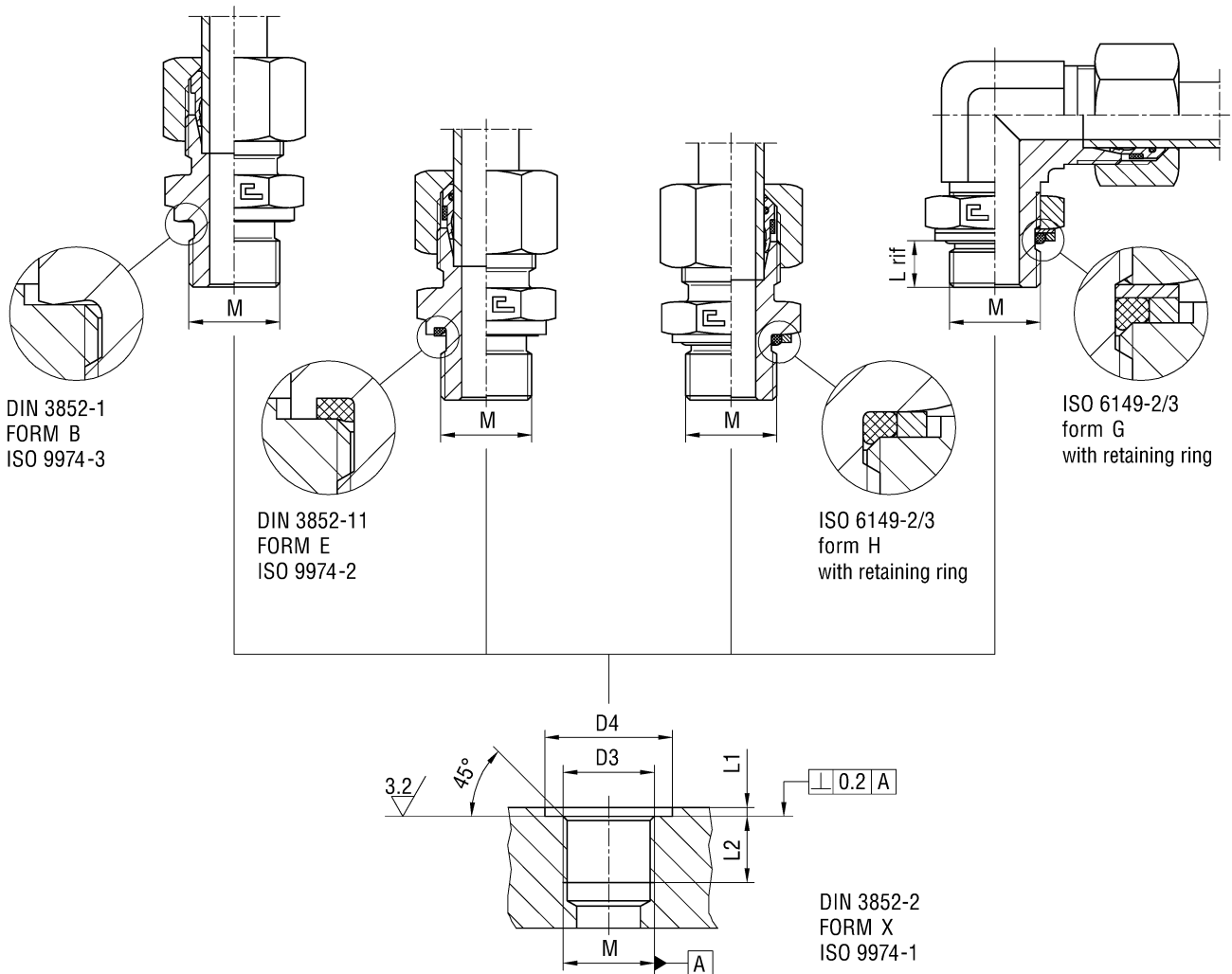
Sealing form B:
 Good
 Good
 no
 2,5:1

Sealing form E:
 Excellent
 Excellent
 no
 4:1

Sealing form H:
 Excellent
 Excellent
 no
 4:1

Sealing form G:
 Excellent
 Excellent
 no
 4:1

*In revision phase

STUD ENDS DIN 2353 WITH METRIC THREAD


| Serie | ØTubo | Metric Thread | D3 | D4 min form B/E | D4 min form G/H | L1 max | L2 min | L rif | Torque (Nm) form B | Torque (Nm) form E | Torque (Nm) form H | Torque (Nm) form G |
|-------|-------|---------------|----|-----------------|-----------------|--------|--------|-------|--------------------|--------------------|--------------------|--------------------|
| L | 6 | M10x1 | 10 | 15 | 16 | 1 | 8 | 7,6 | 20 | 20 | 20 | 20 |
| | 8 | M12x1,5 | 12 | 18 | 19 | 1,5 | 12 | 9,7 | 30 | 30 | 30 | 30 |
| | 10 | M14x1,5 | 14 | 20 | 21 | 1,5 | 12 | 9,7 | 45 | 45 | 50 | 50 |
| | 12 | M16x1,5 | 16 | 23 | 24 | 1,5 | 12 | 10,2 | 60 | 55 | 55 | 55 |
| | 15 | M18x1,5 | 18 | 25 | 26 | 2 | 12 | 10,9 | 80 | 70 | 70 | 70 |
| | 18 | M22x1,5 | 22 | 28 | 29 | 2,5 | 14 | 12 | 130 | 120 | 120 | 120 |
| | 22 | M26x1,5 | 26 | 33 | - | 2,5 | 16 | - | 180 | 170 | - | - |
| | 22 | M27x2 | 27 | 33 | 34 | 2,5 | 16 | 13,8 | - | - | 170 | 170 |
| | 28 | M33x2 | 33 | 41 | 43 | 2,5 | 18 | 13,8 | 330 | 330 | 330 | 330 |
| S | 35 | M42x2 | 42 | 51 | 52 | 2,5 | 20 | 13,8 | 470 | 430 | 430 | 430 |
| | 42 | M48x2 | 48 | 56 | 57 | 2,5 | 22 | 15,3 | 600 | 510 | 510 | 510 |
| | 6 | M12x1,5 | 12 | 18 | 19 | 1,5 | 12 | 9,7 | 40 | 40 | 40 | 40 |
| | 8 | M14x1,5 | 14 | 20 | 21 | 1,5 | 12 | 9,7 | 55 | 55 | 55 | 55 |
| | 10 | M16x1,5 | 16 | 23 | 24 | 1,5 | 12 | 10,2 | 80 | 70 | 70 | 70 |
| | 12 | M18x1,5 | 18 | 25 | 26 | 2 | 12 | 10,9 | 105 | 85 | 85 | 85 |
| | 14 | M20x1,5 | 20 | 27 | 27 | 2 | 14 | 12 | 150 | 120 | 120 | 120 |
| | 16 | M22x1,5 | 22 | 28 | 29 | 2,5 | 14 | 12 | 170 | 130 | 130 | 130 |
| | 20 | M27x2 | 27 | 33 | 34 | 2,5 | 16 | 13,8 | 200 | 170 | 170 | 170 |
| 25 | M33x2 | 33 | 41 | 43 | 2,5 | 18 | 13,8 | 390 | 330 | 330 | 330 | |
| 30 | M42x2 | 42 | 51 | 52 | 2,5 | 20 | 13,8 | 510 | 430 | 430 | 403 | |
| 38 | M48x2 | 48 | 56 | 57 | 2,5 | 22 | 15,3 | 680 | 510 | 510 | 510 | |

Performances:

- Pressure capacity
- Sealing characteristics
- Additional sealing required
- Safety factor

Sealing form B:

Good
Good
no
2,5:1

Sealing form E:

Excellent
Excellent
no
4:1

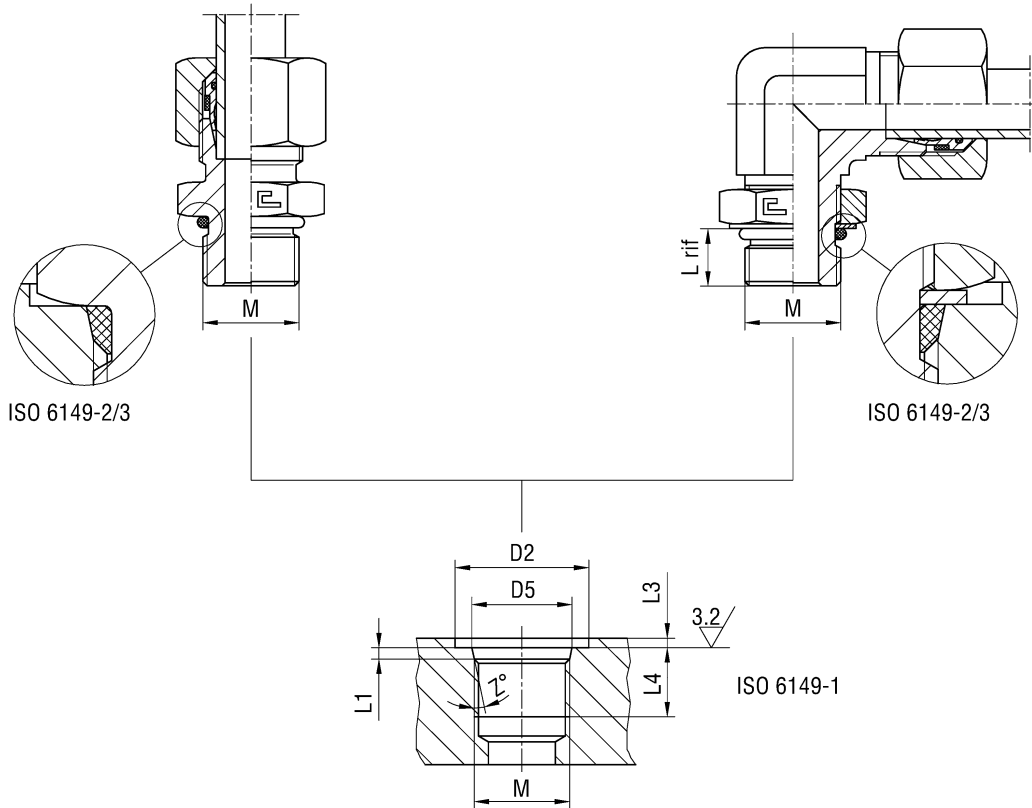
Sealing form H:

Excellent
Excellent
no
4:1

Sealing form G:

Excellent
Excellent
no
4:1

STUD ENDS DIN 2353 WITH METRIC THREAD (ISO 6149)



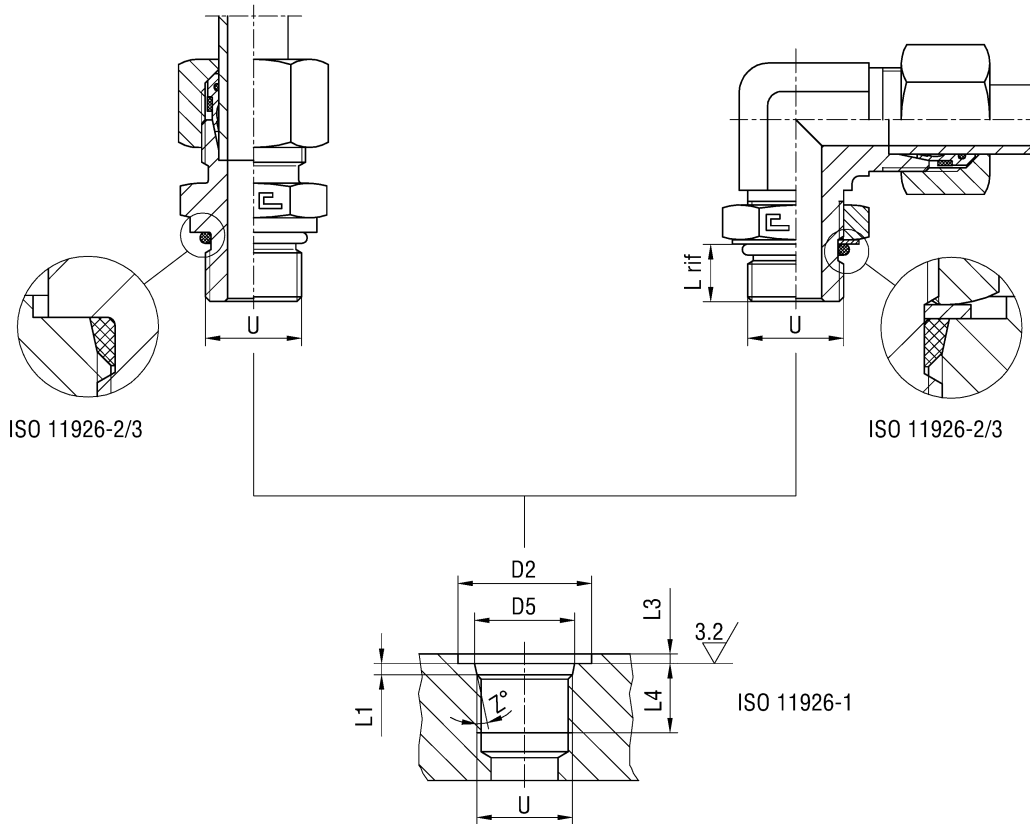
| Serie | P max ISO 6149 STRAIGHT | P max ISO 6149 ADJUSTABLE | ØTube | Metric Thread | D2 min | D5 | L1 | L3 max | L4 min | L rif | Z° | Torque (Nm) ISO 6149 STRAIGHT | Torque (Nm) ISO 6149 ADJUSTABLE |
|-------|-------------------------------|---------------------------------|-------|------------------|-----------|------|-----|-----------|-----------|----------|-----|-------------------------------------|---------------------------------------|
| L | 315 | 315 | 6 | M10x1 | 16 | 11,1 | 1,6 | 1 | 10 | 8,6 | 12 | 15 | 15 |
| | 315 | 315 | 8 | M12x1,5 | 19 | 13,8 | 2,4 | 1,5 | 11,5 | 11,1 | 15 | 25 | 25 |
| | 315 | 315 | 10 | M14x1,5 | 21 | 15,8 | 2,4 | 1,5 | 11,5 | 11,1 | 15 | 30 | 30 |
| | 315 | 250 | 12 | M16x1,5 | 24 | 17,8 | 2,4 | 1,5 | 13 | 11,6 | 15 | 35 | 35 |
| | 315 | 250 | 15 | M18x1,5 | 26 | 19,8 | 2,4 | 2 | 14,5 | 12,3 | 15 | 40 | 40 |
| | 315 | 250 | 18 | M22x1,5 | 29 | 23,8 | 2,4 | 2 | 15,5 | 13,4 | 15 | 55 | 55 |
| | 160 | 160 | 22 | M27x2 | 34 | 29,4 | 3,1 | 2 | 19 | 15,8 | 15 | 85 | 85 |
| | 160 | 160 | 28 | M33x2 | 43 | 35,4 | 3,1 | 2,5 | 19 | 15,8 | 15 | 140 | 140 |
| | 160 | 160 | 35 | M42x2 | 52 | 44,4 | 3,1 | 2,5 | 19,5 | 15,8 | 15 | 180 | 180 |
| 160 | 160 | 42 | M48x2 | 57 | 50,4 | 3,1 | 2,5 | 22 | 17,3 | 15 | 230 | 230 | |
| S | 630 | 400 | 6 | M12x1,5 | 19 | 13,8 | 2,4 | 1,5 | 11,5 | 11,1 | 15 | 30 | 30 |
| | 630 | 400 | 8 | M14x1,5 | 21 | 15,8 | 2,4 | 1,5 | 11,5 | 11,1 | 15 | 40 | 40 |
| | 630 | 400 | 10 | M16x1,5 | 24 | 17,8 | 2,4 | 1,5 | 13 | 11,6 | 15 | 50 | 50 |
| | 630 | 400 | 12 | M18x1,5 | 26 | 19,8 | 2,4 | 2 | 14,5 | 12,3 | 15 | 60 | 60 |
| | 400 | 400 | 14 | M20x1,5 | 27 | 21,8 | 2,4 | 2 | 14,5 | 13,4 | 15 | 70 | 70 |
| | 400 | 400 | 16 | M22x1,5 | 29 | 23,8 | 2,4 | 2 | 15,5 | 13,4 | 15 | 85 | 85 |
| | 400 | 400 | 20 | M27x2 | 34 | 29,4 | 3,1 | 2 | 19 | 15,8 | 15 | 150 | 150 |
| | 400 | 315 | 25 | M33x2 | 43 | 35,4 | 3,1 | 2,5 | 19 | 15,8 | 15 | 260 | 260 |
| | 250 | 250 | 30 | M42x2 | 52 | 44,4 | 3,1 | 2,5 | 19,5 | 15,8 | 15 | 280 | 280 |
| | 250 | 200 | 38 | M48x2 | 57 | 50,4 | 3,1 | 2,5 | 22 | 17,3 | 15 | 360 | 360 |

Performances:
 - Pressure capacity
 - Sealing characteristics
 - Additional sealing required
 - Safety factor

STRAIGHT sealing:
 Excellent
 Excellent
 no
 4:1

ADJUSTABLE sealing:
 Excellent
 Excellent
 no
 4:1

N.B. To obtain the ISO 6149 type of sealing please take out the retaining ring from the standard fitting.

STUD ENDS DIN 2353 WITH UNF/UN-2A THREAD


| Serie | ØTube | UNF/UN-2A Thread | D2 min | D5 | L1 | L3 max | L4 min | L rif | Z° | Torque (Nm) STRAIGHT | Torque (Nm) ADJUSTABLE |
|-------|----------------|------------------|--------|-------|-----|--------|--------|-------|-----|----------------------|------------------------|
| L | 6 | 7/16-20 UNF-2A | 21 | 12,45 | 2,4 | 1,6 | 11,5 | 9,9 | 12 | 20 | 20 |
| | 8 | 1/2-20 UNF-2A | 23 | 14,05 | 2,4 | 1,6 | 11,5 | 9,9 | 12 | 25 | 25 |
| | 10 | 1/2-20 UNF-2A | 23 | 14,05 | 2,4 | 1,6 | 11,5 | 9,9 | 12 | 25 | 25 |
| | 12 | 9/16-18 UNF-2A | 25 | 15,7 | 2,5 | 1,6 | 12,7 | 11,1 | 12 | 30 | 30 |
| | 15 | 3/4-16 UNF-2A | 30 | 20,65 | 2,5 | 2,4 | 14,3 | 12,5 | 15 | 45 | 45 |
| | 18 | 3/4-16 UNF-2A | 30 | 20,65 | 2,5 | 2,4 | 14,3 | 12,5 | 15 | 45 | 45 |
| | 18 | 7/8-14 UNF-2A | 34 | 24 | 2,5 | 2,4 | 16,7 | 14,5 | 15 | 55 | 55 |
| | 22 | 1 1/16-12 UN-2A | 41 | 29,2 | 3,3 | 2,4 | 19 | 16,8 | 15 | 85 | 85 |
| | 28 | 1 5/16-12 UN-2A | 49 | 35,55 | 3,3 | 3,2 | 19 | 16,8 | 15 | 130 | 130 |
| | 35 | 1 5/8-12 UN-2A | 58 | 43,55 | 3,3 | 3,2 | 19 | 16,8 | 15 | 170 | 170 |
| 42 | 1 7/8-12 UN-2A | 65 | 49,9 | 3,3 | 3,2 | 19 | 16,8 | 15 | 180 | 180 | |
| S | 6 | 1/2-20 UNF-2A | 23 | 14,05 | 2,4 | 1,6 | 11,5 | 9,9 | 12 | 25 | 25 |
| | 8 | 1/2-20 UNF-2A | 23 | 14,05 | 2,4 | 1,6 | 11,5 | 9,9 | 12 | 25 | 25 |
| | 10 | 9/16-18 UNF-2A | 25 | 15,7 | 2,5 | 1,6 | 12,7 | 11,1 | 12 | 35 | 35 |
| | 12 | 9/16-18 UNF-2A | 25 | 15,7 | 2,5 | 1,6 | 12,7 | 11,1 | 12 | 35 | 35 |
| | 14 | 3/4-16 UNF-2A | 30 | 20,65 | 2,5 | 2,4 | 14,3 | 12,5 | 15 | 60 | 60 |
| | 16 | 3/4-16 UNF-2A | 30 | 20,65 | 2,5 | 2,4 | 14,3 | 12,5 | 15 | 60 | 60 |
| | 16 | 7/8-14 UNF-2A | 34 | 24 | 2,5 | 2,4 | 16,7 | 14,5 | 15 | 85 | 85 |
| | 20 | 1 1/16-12 UN-2A | 41 | 29,2 | 3,3 | 2,4 | 19 | 16,8 | 15 | 150 | 150 |
| | 25 | 1 5/16-12 UN-2A | 49 | 35,55 | 3,3 | 3,2 | 19 | 16,8 | 15 | 230 | 230 |
| | 30 | 1 5/8-12 UN-2A | 58 | 43,55 | 3,3 | 3,2 | 19 | 16,8 | 15 | 250 | 250 |
| 38 | 1 7/8-12 UN-2A | 65 | 49,9 | 3,3 | 3,2 | 19 | 16,8 | 15 | 320 | 320 | |

Performances:

- Pressure capacity
- Sealing characteristics
- Additional sealing required
- Safety factor

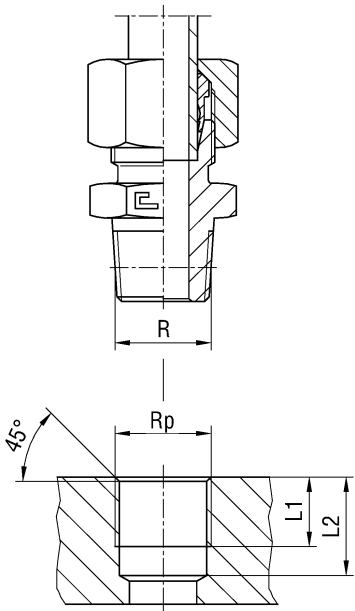
STRAIGHT sealing:

Excellent
 Excellent
 no
 4:1

ADJUSTABLE sealing:

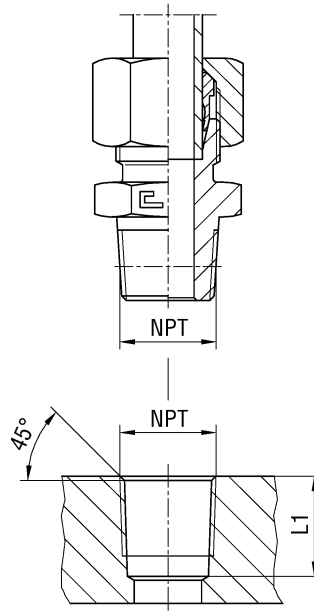
Excellent
 Excellent
 no
 4:1

STUD ENDS DIN 2353 WITH BSPT THREAD
STUD ENDS DIN 2353 WITH NPT THREAD



DIN 3852-2
FORM C

DIN 3852-2
FORM Z



ANSI/ASME B1.20.1

ANSI/ASME B1.20.1

| Serie | ØTube | BSPT Thread | L1 | L2 |
|-------|---------|-------------|------|------|
| L | 6 | R 1/8 | 5,5 | 9,5 |
| | 8 | R 1/4 | 8,5 | 13,5 |
| | 10 | R 1/4 | 8,5 | 13,5 |
| | 12 | R 3/8 | 8,5 | 13,5 |
| | 15 | R 1/2 | 10,5 | 16,5 |
| | 18 | R 1/2 | 10,5 | 16,5 |
| | 22 | R 3/4 | 13 | 19 |
| | 28 | R 1 | - | - |
| | 35 | R 1 1/4 | - | - |
| 42 | R 1 1/2 | - | - | |
| S | 6 | R 1/4 | 8,5 | 13,5 |
| | 8 | R 1/4 | 8,5 | 13,5 |
| | 10 | R 3/8 | 8,5 | 13,5 |
| | 12 | R 3/8 | 8,5 | 13,5 |
| | 14 | R 1/2 | 10,5 | 16,5 |
| | 16 | R 1/2 | 10,5 | 16,5 |
| | 20 | R 3/4 | 13 | 19 |
| | 25 | R 1 | - | - |
| | 30 | R 1 1/4 | - | - |
| 38 | R 1 1/2 | - | - | |

| Serie | ØTube | NPT Thread | L1 |
|-------|----------------|----------------|------|
| L | 6 | 1/8-27 NPT | 11,6 |
| | 8 | 1/4-18 NPT | 16,4 |
| | 10 | 1/4-18 NPT | 16,4 |
| | 12 | 3/8-18 NPT | 17,4 |
| | 15 | 1/2-14 NPT | 22,6 |
| | 18 | 1/2-14 NPT | 22,6 |
| | 22 | 3/4-14 NPT | 23,1 |
| | 28 | 1-11,5 NPT | 27,8 |
| | 35 | 1 1/4-11,5 NPT | 28,3 |
| 42 | 1 1/2-11,5 NPT | 28,3 | |
| S | 6 | 1/4-18 NPT | 16,4 |
| | 8 | 1/4-18 NPT | 16,4 |
| | 10 | 3/8-18 NPT | 17,4 |
| | 12 | 3/8-18 NPT | 17,4 |
| | 14 | 1/2-14 NPT | 22,6 |
| | 16 | 1/2-14 NPT | 22,6 |
| | 20 | 3/4-14 NPT | 23,1 |
| | 25 | 1-11,5 NPT | 27,8 |
| | 30 | 1 1/4-11,5 NPT | 28,3 |
| 38 | 1 1/2-11,5 NPT | 28,3 | |

Performances:

- Pressure capacity
- Sealing characteristics
- Additional sealing required
- Safety factor

Sealing form C:

- Low-Medium
- Low-Medium
- yes
- 2,5:1

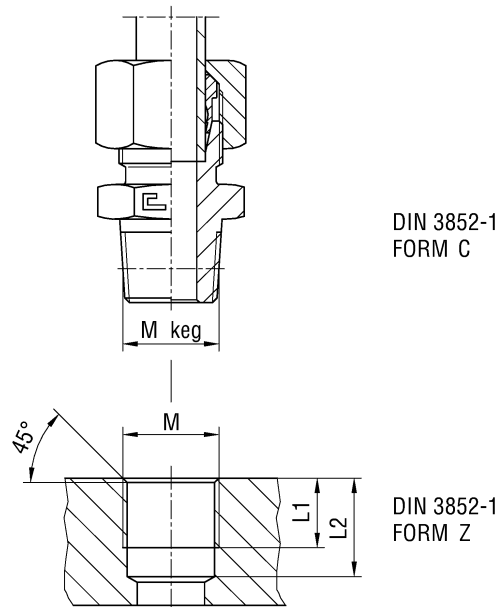
Performances:

- Pressure capacity
- Sealing characteristics
- Additional sealing required
- Safety factor

Taper sealing:

- Low-Medium
- Low-Medium
- yes
- 2,5:1

STUD ENDS DIN 2353 WITH METRIC TAPER THREAD



| Serie | Ø Tube | Metric Taper Thread | L1 | L2 |
|-------|--------|---------------------|------|------|
| L | 6 | M10x1 keg | 5,5 | 10 |
| | 8 | M12x1,5 keg | 8,5 | 13,5 |
| | 10 | M14x1,5 keg | 8,5 | 13,5 |
| | 12 | M16x1,5 keg | 8,5 | 13,5 |
| | 15 | M18x1,5 keg | 8,5 | 13,5 |
| | 18 | M22x1,5 keg | 10,5 | 15,5 |
| S | 6 | M12x1,5 keg | 8,5 | 13,5 |
| | 8 | M14x1,5 keg | 8,5 | 13,5 |
| | 10 | M16x1,5 keg | 8,5 | 13,5 |
| | 12 | M18x1,5 keg | 8,5 | 13,5 |
| | 14 | M20x1,5 keg | 10,5 | 15,5 |
| | 16 | M22x1,5 keg | 10,5 | 15,5 |

Performances:

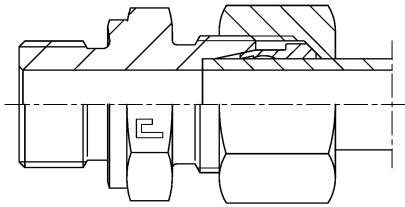
- Pressure capacity
- Sealing characteristics
- Additional sealing required
- Safety factor

Sealing form C:

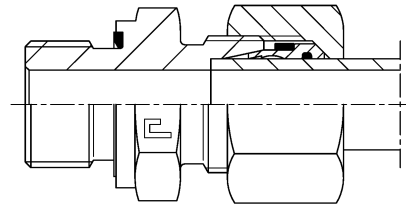
- Low-Medium
- Low-Medium
- yes
- 2,5:1

TIGHTENING TORQUES FOR B3 AND B4 CUTTING RINGS

DIN 3861 cone for carbon and stainless steel



Assembly of B3 cutting ring



Assembly of B4 cutting ring

| Serie | ØTube | Metric Thread | Manual Carbon (Nm) | Manual Stainless (Nm) | Machine Carbon (Kg) | Machine Stainless (Kg) |
|-------|-------|---------------|--------------------|-----------------------|---------------------|------------------------|
| L | 6 | M12x1,5 | 20 | 30 | 1200 | 1400 |
| | 8 | M14x1,5 | 25 | 55 | 1400 | 1700 |
| | 10 | M16x1,5 | 30 | 85 | 2000 | 2200 |
| | 12 | M18x1,5 | 40 | 120 | 2100 | 2400 |
| | 15 | M22x1,5 | 60 | 130 | 2400 | 3300 |
| | 18 | M26x1,5 | 90 | 220 | 2500 | 3600 |
| | 22 | M30x2 | 170 | 320 | 2600 | 3800 |
| | 28 | M36x2 | 210 | 500 | 3000 | 6900 |
| | 35 | M45x2 | 360 | 970 | 5500 | 10000 |
| | 42 | M52x2 | 490 | 1110 | 6700 | 12500 |
| S | 6 | M14x1,5 | 25 | 45 | 1200 | 1400 |
| | 8 | M16x1,5 | 30 | 55 | 1400 | 1700 |
| | 10 | M18x1,5 | 40 | 90 | 2000 | 2200 |
| | 12 | M20x1,5 | 50 | 105 | 2100 | 2400 |
| | 14 | M22x1,5 | 70 | 150 | 2400 | 3300 |
| | 16 | M24x1,5 | 80 | 180 | 2500 | 3600 |
| | 20 | M30x2 | 140 | 340 | 2600 | 6400 |
| | 25 | M36x2 | 230 | 530 | 5000 | 9300 |
| | 30 | M42x2 | 300 | 610 | 5500 | 10000 |
| | 38 | M52x2 | 430 | 850 | 6700 | 12500 |

Notes:

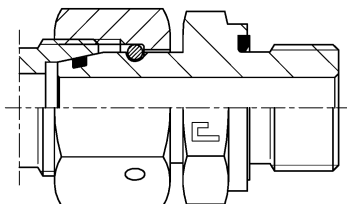
All the values reported in the above tightening tables are mere indication, and come from a series of practical tests carried out in the technical laboratory of Volpiano (TO). These may vary according to the materials and to the tolerances of the employed components.

All the values express in Newton Meters (Nm) for the tightening torques on the cone DIN 3861 threads represent the torquing moment necessary to have the correct incision of the pre-assembly of the tube, lifting the required 80% of the front of the edge of the cutting ring.

All the values expressed in Kilograms (Kg) for the linear push on the preassembly machine, represent the right strength necessary to have the correct incision of the preassembly lifting the required 80% of the front of the edge of the cutting ring.

Once done properly the preassembly and checked that all the components are conforming to the requirements of the system, finish the assembly on the system itself, first closing by wrench until you feel a certain resistance, and then doing the last 1/4 of a turn to close the fitting completely.

SERIES 60... SWIVEL NUT



According to DIN 2353 standards, 24° sealing head as per DIN 2861 and O-Ring seal as per DIN 3865.

This series of fittings with revolving nut and seal on the 24° sealing cone guaranteed by an o-ring, meets customers requirements when asking for high pressure, absolute tightness low tightening torque.

Because of its technical characteristics this type of fitting is suitable for demanding applications such as assembly on heavy machinery. The result is a safe fastening of the nut to the body improving the whole sealing system.

The limit of this series was given by the fact that the preformed sealing with o-ring was limited to a single connection, leaving all the others with the old solutions.

A new step forward was needed to improve the research and find a solution that could grant a double sealing system on all the connections involved, metal to metal plus the elastomeric sealing.

This problem has been solved by CAST S.p.A. with the new B4 ring guaranteeing a double sealing, metal to metal plus the elastomeric sealing on all the connections of the fitting.

TIGHTENING TORQUES FOR SWIVEL NUT FITTINGS

DIN 3861 cone for carbon and stainless steel

| Serie | ØTube | Metric Thread | Torque (Nm) |
|-------|-------|---------------|-------------|
| L | 6 | M12x1,5 | 20 |
| | 8 | M14x1,5 | 35 |
| | 10 | M16x1,5 | 40 |
| | 12 | M18x1,5 | 45 |
| | 15 | M22x1,5 | 55 |
| | 18 | M26x1,5 | 110 |
| | 22 | M30x2 | 130 |
| | 28 | M36x2 | 200 |
| | 35 | M45x2 | 220 |
| | 42 | M52x2 | 240 |
| S | 6 | M14x1,5 | 40 |
| | 8 | M16x1,5 | 45 |
| | 10 | M18x1,5 | 50 |
| | 12 | M20x1,5 | 60 |
| | 14 | M22x1,5 | 80 |
| | 16 | M24x1,5 | 100 |
| | 20 | M30x2 | 160 |
| | 25 | M36x2 | 240 |
| | 30 | M42x2 | 260 |
| | 38 | M52x2 | 350 |

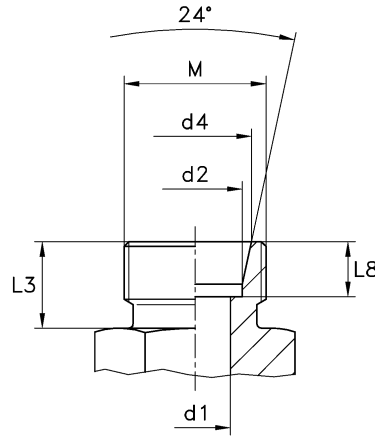
Notes:

All the values reported in the above tightening tables and mere indication, and come from a series of practical tests carried out in the technical laboratory of Volpiano (TO). These may vary according to the materials and to the tolerances of the employed components.

All the values express in Newton Meters (Nm) for the tightening torques, represent the torquing moment necessary to have the correct tightness.

**DEFINITION OF CONE SIZE TO DIN 3861 STANDARDS
THREAD DIAMETERS TO DIN 3853 STANDARDS**

Allowed for B3 and B4 rings

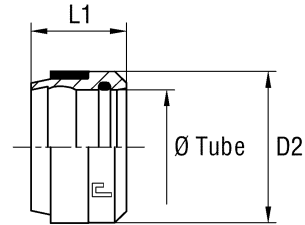
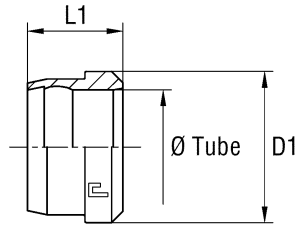


| Serie | Bar | ØTube | Metric Thread | d1 | d2 ^{B11} | d4 ^{+0,1} | L3 | L8 ^{+0,3} |
|-------|-----|-------|---------------|-----|-------------------|--------------------|----|--------------------|
| LL | 100 | 4 | M8x1 | 3 | 4 | 5 | 8 | 4 |
| | | 6 | M10x1 | 4,5 | 6 | 7,5 | 8 | 5,5 |
| | | 8 | M12x1,5 | 6 | 8 | 9,5 | 9 | 5,5 |
| L | 250 | 6 | M12x1,5 | 4 | 6 | 8,1 | 10 | 7 |
| | | 8 | M14x1,5 | 6 | 8 | 10,1 | 10 | 7 |
| | | 10 | M16x1,5 | 8 | 10 | 12,3 | 11 | 7 |
| | | 12 | M18x1,5 | 10 | 12 | 14,3 | 11 | 7 |
| | | 15 | M22x1,5 | 12 | 15 | 17,3 | 12 | 7 |
| | 160 | 18 | M26x1,5 | 15 | 18 | 20,3 | 12 | 7,5 |
| | | 22 | M30x2 | 19 | 22 | 24,3 | 14 | 7,5 |
| | 100 | 28 | M36x2 | 24 | 28 | 30,3 | 14 | 7,5 |
| | | 35 | M45x2 | 30 | 35 | 38 | 16 | 10,5 |
| | | 42 | M52x2 | 36 | 42 | 45 | 16 | 11 |
| S | 630 | 6 | M14x1,5 | 4 | 6 | 8,1 | 12 | 7 |
| | | 8 | M16x1,5 | 5 | 8 | 10,1 | 12 | 7 |
| | | 10 | M18x1,5 | 7 | 10 | 12,3 | 12 | 7,5 |
| | | 12 | M20x1,5 | 8 | 12 | 14,3 | 12 | 7,5 |
| | | 14 | M22x1,5 | 10 | 14 | 16,3 | 14 | 8 |
| | 400 | 16 | M24x1,5 | 12 | 16 | 18,3 | 14 | 8,5 |
| | | 20 | M30x2 | 16 | 20 | 22,9 | 16 | 10,5 |
| | | 25 | M36x2 | 20 | 25 | 27,9 | 18 | 12 |
| | 250 | 30 | M42x2 | 25 | 30 | 33 | 20 | 13,5 |
| | | 38 | M52x2 | 32 | 38 | 41 | 22 | 16 |

CUTTING RING "B3" - CUTTING RING "B4"

Type: 1001.. B3 Ring

Type: 1001...4 B4 Ring

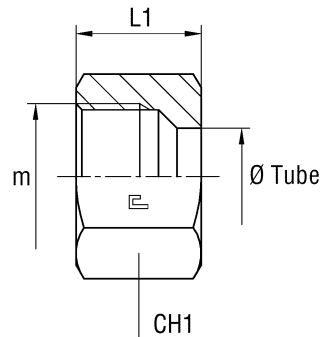


| Serie | Bar | Ordering B3 Ring | Ø Tube | L1 | D1 | D2 | Ordering B4 Ring |
|-------|-----|------------------|--------|------|----|----|------------------|
| LL | 100 | 100101 | 4 | 6 | 6 | - | - |
| | | 100102 | 6 | 7 | 8 | - | - |
| | | 100103 | 8 | 7 | 10 | - | - |
| L | 315 | 100104 | 6 | 9,5 | 10 | 10 | 100104.4 |
| | | 100105 | 8 | 9,5 | 12 | 12 | 100105.4 |
| | | 100106 | 10 | 10 | 14 | 14 | 100106.4 |
| | | 100107 | 12 | 10 | 16 | 16 | 100107.4 |
| | | 100108 | 15 | 10 | 19 | 20 | 100108.4 |
| | | 100109 | 18 | 10 | 23 | 23 | 100109.4 |
| | 160 | 100110 | 22 | 10,5 | 27 | 27 | 100110.4 |
| | | 100111 | 28 | 11 | 33 | 33 | 100111.4 |
| | | 100112 | 35 | 13 | 41 | 41 | 100112.4 |
| | | 100113 | 42 | 13 | 48 | 48 | 100113.4 |
| S | 630 | 100104 | 6 | 9,5 | 10 | 10 | 100114.4 |
| | | 100105 | 8 | 9,5 | 12 | 12 | 100115.4 |
| | | 100106 | 10 | 10 | 14 | 14 | 100116.4 |
| | | 100107 | 12 | 10 | 16 | 16 | 100117.4 |
| | | 100118 | 14 | 10 | 19 | 19 | 100118.4 |
| | 400 | 100119 | 16 | 10,5 | 21 | 21 | 100119.4 |
| | | 100120 | 20 | 12 | 26 | 26 | 100120.4 |
| | | 100121 | 25 | 12 | 32 | 32 | 100121.4 |
| | | 100122 | 30 | 13 | 36 | 38 | 100122.4 |
| | 315 | 100123 | 38 | 13 | 44 | 48 | 100123.4 |

Note: If you wish to order a fitting in stainless steel, please change the first two digit from 10.. to 11..

TIGHTNING NUT

Type: 1002..



| Serie | Bar | Ordering Nut | Ø Tube | m | L1 | CH1 |
|-------|-----|--------------|--------|--------|------|------|
| LL | 100 | 100201 | 4 | 8x1 | 11 | 10 |
| | | 100202 | 6 | 10x1 | 11,5 | 12 |
| | | 100203 | 8 | 12x1 | 12 | 14 |
| L | 315 | 100204 | 6 | 12x1,5 | 14,5 | 14 |
| | | 100205 | 8 | 14x1,5 | 14,5 | 17 |
| | | 100206 | 10 | 16x1,5 | 15,5 | 19 |
| | | 100207 | 12 | 18x1,5 | 15,5 | 22 |
| | | 100208 | 15 | 22x1,5 | 17 | 27 |
| | | 100209 | 18 | 26x1,5 | 18 | 32 |
| | 160 | 100210 | 22 | 30x2 | 20 | 36 |
| | | 100211 | 28 | 36x2 | 21 | 41 |
| | | 100212 | 35 | 45x2 | 24 | 50 |
| | | 100213 | 42 | 52x2 | 24 | 60 |
| S | 630 | 100214 | 6 | 14x1,5 | 16,5 | 17 |
| | | 100215 | 8 | 16x1,5 | 16,5 | 19 |
| | | 100216 | 10 | 18x1,5 | 17,5 | 22 |
| | | 100217 | 12 | 20x1,5 | 17,5 | 24 |
| | | 100218 | 14 | 22x1,5 | 20,5 | 27 |
| | 400 | 100219 | 16 | 24x1,5 | 20,5 | 30 |
| | | 100220 | 20 | 30x2 | 24 | 36 |
| | | 100221 | 25 | 36x2 | 27 | 46 |
| | | 100222 | 30 | 42x2 | 29 | 50 |
| | | 315 | 100223 | 38 | 52x2 | 32,5 |

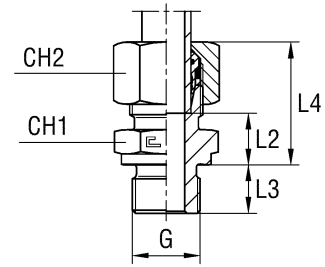
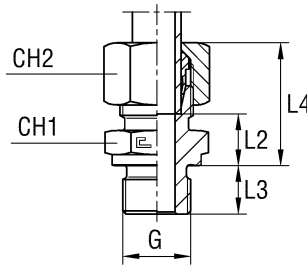
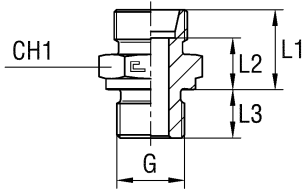
Note: If you wish to order a fitting in stainless steel, please change the first two digit from 10.. to 11..

MALE STUD COUPLING Thread BSP Parallel

Type: 1003...1 Only Body

Type: 1003... B3 Ring

1003...4 B4 Ring



| Serie | Bar | Ordering Body | Ordering Equipped B3 | Ø Tube | G | L1 | L2 | L3 | L4 | CH1 | CH2 | Ordering Equipped B4 |
|-----------|-----------|---------------|----------------------|--------|-------|------|------|----|------|-----------|-----------|----------------------|
| L | 315 | 100304.1 | 100304 | 6 | 1/8 | 15,5 | 8,5 | 8 | 23 | 14 | 14 | 100304.4 |
| | | 100305.1 | 100305 | 8 | 1/4 | 17 | 10 | 12 | 25 | 19 | 17 | 100305.4 |
| | | 100306.1 | 100306 | 10 | 1/4 | 18 | 11 | 12 | 26 | 19 | 19 | 100306.4 |
| | | 100307.1 | 100307 | 12 | 3/8 | 19,5 | 12,5 | 12 | 27 | 22 | 22 | 100307.4 |
| | | 100308.1 | 100308 | 15 | 1/2 | 21 | 14 | 14 | 29 | 27 | 27 | 100308.4 |
| | 100309.1 | 100309 | 18 | 1/2 | 22 | 14,5 | 14 | 31 | 27 | 32 | 100309.4 | |
| | 160 | 100310.1 | 100310 | 22 | 3/4 | 24 | 16,5 | 16 | 33 | 32 | 36 | 100310.4 |
| | | 100311.1 | 100311 | 28 | 1 | 25 | 17,5 | 18 | 34 | 41 | 41 | 100311.4 |
| | | 100312.1 | 100312 | 35 | 1 1/4 | 28 | 17,5 | 20 | 39 | 50 | 50 | 100312.4 |
| | | 100313.1 | 100313 | 42 | 1 1/2 | 30 | 19 | 22 | 42 | 55 | 60 | 100313.4 |
| S | 630 | 100314.1 | 100314 | 6 | 1/4 | 20 | 13 | 12 | 28 | 19 | 17 | 100314.4 |
| | | 100315.1 | 100315 | 8 | 1/4 | 22 | 15 | 12 | 30 | 19 | 19 | 100315.4 |
| | | 100316.1 | 100316 | 10 | 3/8 | 22,5 | 15 | 12 | 31 | 22 | 22 | 100316.4 |
| | | 100317.1 | 100317 | 12 | 3/8 | 24,5 | 17 | 12 | 33 | 22 | 24 | 100317.4 |
| | | 100318.1 | 100318 | 14 | 1/2 | 27 | 19 | 14 | 37 | 27 | 27 | 100318.4 |
| | 400 | 100319.1 | 100319 | 16 | 1/2 | 27 | 18,5 | 14 | 37 | 27 | 30 | 100319.4 |
| | | 100320.1 | 100320 | 20 | 3/4 | 31 | 20,5 | 16 | 42 | 32 | 36 | 100320.4 |
| | | 100321.1 | 100321 | 25 | 1 | 35 | 23 | 18 | 47 | 41 | 46 | 100321.4 |
| | | 100322.1 | 100322 | 30 | 1 1/4 | 37 | 23,5 | 20 | 50 | 50 | 50 | 100322.4 |
| | | 100323.1 | 100323 | 38 | 1 1/2 | 42 | 26 | 22 | 57 | 55 | 60 | 100323.4 |
| L | 315 | 100324.1* | 100324* | 6 | 1/4 | 17 | 10 | 12 | 24,5 | 19 | 14 | 100324.4* |
| | | 100325.1* | 100325* | 8 | 1/8 | 16,5 | 9,5 | 8 | 24,5 | 14 | 17 | 100325.4* |
| | | 100326.1* | 100326* | 8 | 3/8 | 18,5 | 11,5 | 12 | 26,5 | 22 | 17 | 100326.4* |
| | | 100327.1* | 100327* | 8 | 1/2 | 19 | 12 | 14 | 27 | 27 | 17 | 100327.4* |
| | | 100328.1* | 100328* | 10 | 1/8 | 17,5 | 10,5 | 8 | 25,5 | 17 | 19 | 100328.4* |
| | | 100329.1* | 100329* | 10 | 3/8 | 19,5 | 12,5 | 12 | 27,5 | 22 | 19 | 100329.4* |
| | | 100330.1* | 100330* | 10 | 1/2 | 20 | 13 | 14 | 28 | 27 | 19 | 100330.4* |
| | | 100331.1* | 100331* | 12 | 1/4 | 19 | 12 | 12 | 26,5 | 19 | 22 | 100331.4* |
| | | 100332.1* | 100332* | 12 | 1/2 | 20 | 13 | 14 | 27,5 | 27 | 22 | 100332.4* |
| | | 100333.1* | 100333* | 15 | 3/8 | 20,5 | 13,5 | 12 | 28,5 | 24 | 27 | 100333.4* |
| 100334.1* | 100334* | 18 | 3/4 | 22 | 14,5 | 16 | 31 | 32 | 32 | 100334.4* | | |
| S | 630 | 100335.1* | 100335* | 12 | 1/2 | 25 | 17,5 | 14 | 33,5 | 27 | 24 | 100335.4* |
| | | 100336.1* | 100336* | 14 | 3/8 | 26,5 | 18,5 | 12 | 36,5 | 24 | 27 | 100336.4* |
| | 400 | 100337.1* | 100337* | 16 | 3/8 | 26,5 | 18 | 12 | 36,5 | 27 | 30 | 100337.4* |
| | | 100338.1* | 100338* | 20 | 1/2 | 31 | 20,5 | 14 | 42 | 32 | 36 | 100338.4* |
| | | 100339.1* | 100339* | 25 | 3/4 | 35 | 23 | 16 | 47 | 41 | 46 | 100339.4* |
| | | 100340.1* | 100340* | 30 | 1 | 37 | 23,5 | 18 | 50 | 46 | 50 | 100340.4* |
| | 630 | 100341.1* | 100341* | 8 | 3/8 | 22,5 | 15,5 | 12 | 30,5 | 22 | 19 | 100341.4* |
| | | 100342.1* | 100342* | 10 | 1/4 | 22 | 14,5 | 12 | 30,5 | 19 | 22 | 100342.4* |
| | | 100343.1* | 100343* | 10 | 1/2 | 25 | 17,5 | 14 | 33,5 | 27 | 22 | 100343.4* |
| | | 100344.1* | 100344* | 12 | 1/4 | 24 | 16,5 | 12 | 32,5 | 22 | 24 | 100344.4* |
| 400 | 100345.1* | 100345* | 16 | 3/4 | 29 | 20,5 | 16 | 39 | 32 | 30 | 100345.4* | |
| | 100346.1* | 100346* | 20 | 1 | 33 | 22,5 | 18 | 44 | 41 | 36 | 100346.4* | |
| 315 | 100347.1* | 100347* | 38 | 1 1/4 | 42 | 26 | 20 | 57 | 55 | 60 | 100347.4* | |
| L | 315 | 100348.1* | 100348* | 15 | 3/4 | 22 | 15 | 16 | 30 | 32 | 27 | 100348.4* |
| | | 100349.1* | 100349* | 22 | 1/2 | 24 | 16,5 | 14 | 33 | 32 | 36 | 100349.4* |
| | 160 | 100350.1* | 100350* | 22 | 1 | 25 | 17,5 | 18 | 34 | 41 | 36 | 100350.4* |
| | | 100351.1* | 100351* | 28 | 3/4 | 25 | 17,5 | 16 | 34 | 41 | 41 | 100351.4* |
| | | 100352.1* | 100352* | 35 | 1 | 28 | 17,5 | 18 | 39 | 46 | 50 | 100352.4* |
| | 315 | 100353.1* | 100353* | 6 | 3/8 | 18,5 | 11,5 | 12 | 26 | 22 | 14 | 100353.4* |
| 160 | 100354.1* | 100354* | 42 | 1 1/4 | 30 | 19 | 20 | 42 | 55 | 60 | 100354.4* | |

Note: If you wish to order a fitting in stainless steel, please change the first two digit from 10.. to 11..

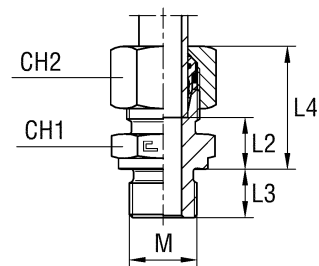
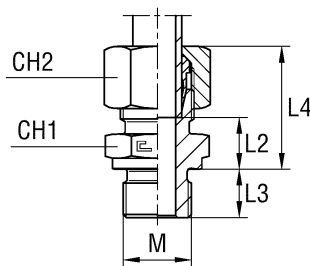
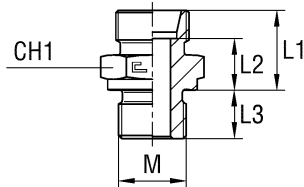
*Articles available on request only

MALE STUD COUPLING Thread Metric Parallel

Type: 1004...1 Solo Corpo

Type: 1004... B3 Ring

1004...4 B4 Ring



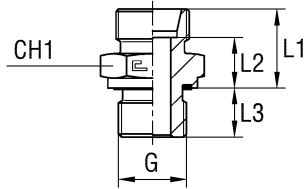
| Serie | Bar | Ordering Body | Ordering Equipped B3 | Ø Tube | M | L1 | L2 | L3 | L4 | CH1 | CH2 | Ordering Equipped B4 |
|-----------|-----------|---------------|----------------------|---------|--------|--------|------|------|------|------|-----------|----------------------|
| L | 315 | 100404.1 | 100404 | 6 | 10x1 | 15,5 | 8,5 | 8 | 23 | 14 | 14 | 100404.4 |
| | | 100405.1 | 100405 | 8 | 12x1,5 | 17 | 10 | 12 | 25 | 17 | 17 | 100405.4 |
| | | 100406.1 | 100406 | 10 | 14x1,5 | 18 | 11 | 12 | 26 | 19 | 19 | 100406.4 |
| | | 100407.1 | 100407 | 12 | 16x1,5 | 19,5 | 12,5 | 12 | 27 | 22 | 22 | 100407.4 |
| | | 100408.1 | 100408 | 15 | 18x1,5 | 20,5 | 13,5 | 12 | 29 | 24 | 27 | 100408.4 |
| | 100409.1 | 100409 | 18 | 22x1,5 | 22 | 14,5 | 14 | 31 | 27 | 32 | 100409.4 | |
| | 160 | 100410.1 | 100410 | 22 | 26x1,5 | 24 | 16,5 | 16 | 33 | 32 | 36 | 100410.4 |
| | | 100411.1 | 100411 | 28 | 33x2 | 25 | 17,5 | 18 | 34 | 41 | 41 | 100411.4 |
| | | 100412.1 | 100412 | 35 | 42x2 | 28 | 17,5 | 20 | 39 | 50 | 50 | 100412.4 |
| | | 100413.1 | 100413 | 42 | 48x2 | 30 | 19 | 22 | 42 | 55 | 60 | 100413.4 |
| 100414.1 | | 100414 | 6 | 12x1,5 | 20 | 13 | 12 | 28 | 17 | 17 | 100414.4 | |
| S | 630 | 100415.1 | 100415 | 8 | 14x1,5 | 22 | 15 | 12 | 30 | 19 | 19 | 100415.4 |
| | | 100416.1 | 100416 | 10 | 16x1,5 | 22,5 | 15 | 12 | 31 | 22 | 22 | 100416.4 |
| | | 100417.1 | 100417 | 12 | 18x1,5 | 24,5 | 17 | 12 | 33 | 24 | 24 | 100417.4 |
| | | 100418.1 | 100418 | 14 | 20x1,5 | 27 | 19 | 14 | 37 | 27 | 27 | 100418.4 |
| | | 100419.1 | 100419 | 16 | 22x1,5 | 27 | 18,5 | 14 | 37 | 27 | 30 | 100419.4 |
| | 400 | 100420.1 | 100420 | 20 | 27x2 | 31 | 20,5 | 16 | 42 | 32 | 36 | 100420.4 |
| | | 100421.1 | 100421 | 25 | 33x2 | 35 | 23 | 18 | 47 | 41 | 46 | 100421.4 |
| | | 100422.1 | 100422 | 30 | 42x2 | 37 | 23,5 | 20 | 50 | 50 | 50 | 100422.4 |
| | 315 | 100423.1 | 100423 | 38 | 48x2 | 42 | 26 | 22 | 57 | 55 | 60 | 100423.4 |
| | L | 315 | 100425.1* | 100425* | 8 | 18x1,5 | 18,5 | 11,5 | 12 | 26,5 | 24 | 17 |
| 100426.1* | | | 100426* | 10 | 16x1,5 | 19,5 | 12,5 | 12 | 27,5 | 22 | 19 | 100426.4* |
| 100427.1* | | | 100427* | 10 | 18x1,5 | 19,5 | 12,5 | 12 | 27,5 | 24 | 19 | 100427.4* |
| 100428.1* | | | 100428* | 10 | 22x1,5 | 21 | 14 | 14 | 29 | 27 | 19 | 100428.4* |
| 100429.1* | | | 100429* | 12 | 14x1,5 | 19,5 | 12,5 | 12 | 27 | 19 | 22 | 100429.4* |
| 100430.1* | | | 100430* | 12 | 18x1,5 | 19,5 | 12,5 | 12 | 27 | 24 | 22 | 100430.4* |
| 100431.1* | | | 100431* | 12 | 22x1,5 | 21 | 14 | 14 | 28,5 | 27 | 22 | 100431.4* |
| 100432.1* | | | 100432* | 15 | 16x1,5 | 20 | 13 | 12 | 28 | 24 | 27 | 100432.4* |
| 100433.1* | | 100433* | 15 | 22x1,5 | 22 | 15 | 14 | 30 | 27 | 27 | 100433.4* | |
| 100434.1* | | 100434* | 18 | 18x1,5 | 21,5 | 14 | 12 | 30,5 | 27 | 32 | 100434.4* | |
| 160 | 100435.1* | 100435* | 22 | 22x1,5 | 24 | 16,5 | 14 | 33 | 32 | 36 | 100435.4* | |
| S | 630 | 100436.1* | 100436* | 12 | 22x1,5 | 25 | 17,5 | 14 | 33,5 | 27 | 24 | 100436.4* |
| | 400 | 100437.1* | 100437* | 16 | 18x1,5 | 26,5 | 18 | 12 | 36,5 | 27 | 30 | 100437.4* |
| | | 100438.1* | 100438* | 20 | 22x1,5 | 31 | 20,5 | 14 | 42 | 32 | 36 | 100438.4* |
| | | 100439.1* | 100439* | 25 | 27x2 | 35 | 23 | 16 | 47 | 41 | 46 | 100439.4* |
| | | 100440.1* | 100440* | 30 | 33x2 | 37 | 23,5 | 18 | 50 | 46 | 50 | 100440.4* |
| L | 315 | 100441.1* | 100441* | 8 | 10x1 | 16,5 | 8,5 | 8 | 24,5 | 14 | 17 | 100441.4* |

Note: If you wish to order a fitting in stainless steel, please change the first two digit from 10.. to 11..

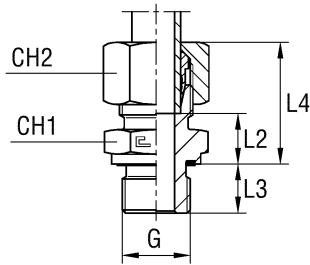
*Articles available on request only

MALE STUD COUPLING WITH ELASTOMER SEAI Thread BSP Parallel

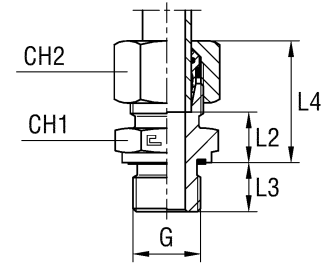
Type: 1005...1 Only Body



Type: 1005... B3 Ring



Type: 1005...4 B4 Ring

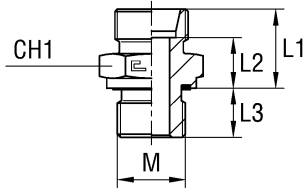


| Serie | Bar | Ordering Body | Ordering Equipped B3 | Ø Tube | G | L1 | L2 | L3 | L4 | CH1 | CH2 | Ordering Equipped B4 |
|----------|----------|---------------|----------------------|--------|-------|------|------|------|------|-----|----------|----------------------|
| LL | 100 | 100501.1 | 100501 | 4 | 1/8 | 13,5 | 9,5 | 8 | 20 | 14 | 10 | - |
| | | 100502.1 | 100502 | 6 | 1/8 | 13,5 | 8 | 8 | 20 | 14 | 12 | - |
| | | 100503.1 | 100503 | 8 | 1/8 | 14,5 | 9 | 8 | 21 | 14 | 14 | - |
| L | 315 | 100504.1 | 100504 | 6 | 1/8 | 15,5 | 8,5 | 8 | 23 | 14 | 14 | 100504.4 |
| | | 100505.1 | 100505 | 8 | 1/4 | 17 | 10 | 12 | 25 | 19 | 17 | 100505.4 |
| | | 100506.1 | 100506 | 10 | 1/4 | 18 | 11 | 12 | 26 | 19 | 19 | 100506.4 |
| | | 100507.1 | 100507 | 12 | 3/8 | 19,5 | 12,5 | 12 | 27 | 22 | 22 | 100507.4 |
| | | 100508.1 | 100508 | 15 | 1/2 | 21 | 14 | 14 | 29 | 27 | 27 | 100508.4 |
| | | 100509.1 | 100509 | 18 | 1/2 | 22 | 14,5 | 14 | 31 | 27 | 32 | 100509.4 |
| | 160 | 100510.1 | 100510 | 22 | 3/4 | 24 | 16,5 | 16 | 33 | 32 | 36 | 100510.4 |
| | | 100511.1 | 100511 | 28 | 1 | 25 | 17,5 | 18 | 34 | 41 | 41 | 100511.4 |
| | | 100512.1 | 100512 | 35 | 1 1/4 | 28 | 17,5 | 20 | 39 | 50 | 50 | 100512.4 |
| | | 100513.1 | 100513 | 42 | 1 1/2 | 30 | 19 | 22 | 42 | 55 | 60 | 100513.4 |
| S | 630 | 100514.1 | 100514 | 6 | 1/4 | 20 | 13 | 12 | 28 | 19 | 17 | 100514.4 |
| | | 100515.1 | 100515 | 8 | 1/4 | 22 | 15 | 12 | 30 | 19 | 19 | 100515.4 |
| | | 100516.1 | 100516 | 10 | 3/8 | 22,5 | 15 | 12 | 31 | 22 | 22 | 100516.4 |
| | | 100517.1 | 100517 | 12 | 3/8 | 24,5 | 17 | 12 | 33 | 22 | 24 | 100517.4 |
| | 400 | 100518.1 | 100518 | 14 | 1/2 | 27 | 19 | 14 | 37 | 27 | 27 | 100518.4 |
| | | 100519.1 | 100519 | 16 | 1/2 | 27 | 18,5 | 14 | 37 | 27 | 30 | 100519.4 |
| | | 100520.1 | 100520 | 20 | 3/4 | 31 | 20,5 | 16 | 42 | 32 | 36 | 100520.4 |
| | | 100521.1 | 100521 | 25 | 1 | 35 | 23 | 18 | 47 | 41 | 46 | 100521.4 |
| | | 100522.1 | 100522 | 30 | 1 1/4 | 37 | 23,5 | 20 | 50 | 50 | 50 | 100522.4 |
| | | 100523.1 | 100523 | 38 | 1 1/2 | 42 | 26 | 22 | 57 | 55 | 60 | 100523.4 |
| L | 315 | 100524.1 | 100524 | 6 | 1/4 | 17 | 10 | 12 | 24,5 | 19 | 14 | 100524.4 |
| | | 100525.1 | 100525 | 8 | 1/8 | 16,5 | 9,5 | 8 | 24,5 | 14 | 17 | 100525.4 |
| | | 100526.1 | 100526 | 8 | 3/8 | 18,5 | 11,5 | 12 | 26,5 | 22 | 17 | 100526.4 |
| | | 100527.1 | 100527 | 8 | 1/2 | 19 | 12 | 14 | 27 | 27 | 17 | 100527.4 |
| | | 100528.1 | 100528 | 10 | 1/8 | 17,5 | 10,5 | 8 | 25,5 | 17 | 19 | 100528.4 |
| | | 100529.1 | 100529 | 10 | 3/8 | 19,5 | 12,5 | 12 | 27,5 | 22 | 19 | 100529.4 |
| | | 100530.1 | 100530 | 10 | 1/2 | 20 | 13 | 14 | 28 | 27 | 19 | 100530.4 |
| | | 100531.1 | 100531 | 12 | 1/4 | 19 | 12 | 12 | 26,5 | 19 | 22 | 100531.4 |
| | | 100532.1 | 100532 | 12 | 1/2 | 20 | 13 | 14 | 27,5 | 27 | 22 | 100532.4 |
| S | 630 | 100533.1 | 100533 | 15 | 3/8 | 20,5 | 13,5 | 12 | 28,5 | 24 | 27 | 100533.4 |
| | | 100534.1 | 100534 | 18 | 3/4 | 22 | 14,5 | 16 | 31 | 32 | 32 | 100534.4 |
| | 400 | 100535.1 | 100535 | 12 | 1/2 | 25 | 17,5 | 14 | 33,5 | 27 | 24 | 100535.4 |
| | | 100536.1 | 100536 | 14 | 3/8 | 26,5 | 18,5 | 12 | 36,5 | 24 | 27 | 100536.4 |
| | | 100537.1 | 100537 | 16 | 3/8 | 26,5 | 18 | 12 | 36,5 | 27 | 30 | 100537.4 |
| | | 100538.1 | 100538 | 20 | 1/2 | 31 | 20,5 | 14 | 42 | 32 | 36 | 100538.4 |
| | 630 | 100539.1 | 100539 | 25 | 3/4 | 35 | 23 | 16 | 47 | 41 | 46 | 100539.4 |
| | | 100540.1 | 100540 | 30 | 1 | 37 | 23,5 | 18 | 50 | 46 | 50 | 100540.4 |
| | | 100541.1 | 100541 | 8 | 3/8 | 22,5 | 15,5 | 12 | 30,5 | 22 | 19 | 100541.4 |
| | | 100542.1 | 100542 | 10 | 1/4 | 22 | 14,5 | 12 | 30,5 | 19 | 22 | 100542.4 |
| | | 100543.1 | 100543 | 10 | 1/2 | 25 | 17,5 | 14 | 33,5 | 27 | 22 | 100543.4 |
| | | 100544.1 | 100544 | 12 | 1/4 | 24 | 16,5 | 12 | 32,5 | 22 | 24 | 100544.4 |
| | | 400 | 100545.1 | 100545 | 16 | 3/4 | 29 | 20,5 | 16 | 39 | 32 | 30 |
| 100546.1 | 100546 | | 20 | 1 | 33 | 22,5 | 18 | 44 | 41 | 36 | 100546.4 | |
| 315 | 100547.1 | 100547 | 38 | 1 1/4 | 42 | 26 | 20 | 57 | 55 | 60 | 100547.4 | |
| L | 160 | 100548.1 | 100548 | 15 | 3/4 | 22 | 15 | 16 | 30 | 32 | 27 | 100548.4 |
| | | 100549.1 | 100549 | 22 | 1/2 | 24 | 16,5 | 14 | 33 | 32 | 36 | 100549.4 |
| | | 100550.1 | 100550 | 22 | 1 | 25 | 17,5 | 18 | 34 | 41 | 36 | 100550.4 |
| | | 100551.1 | 100551 | 28 | 3/4 | 25 | 17,5 | 16 | 34 | 41 | 41 | 100551.4 |
| | 100552.1 | 100552 | 35 | 1 | 28 | 17,5 | 18 | 39 | 46 | 50 | 100552.4 | |
| | 315 | 100553.1 | 100553 | 6 | 3/8 | 18,5 | 11,5 | 12 | 26 | 22 | 14 | 100553.4 |
| 160 | 100554.1 | 100554 | 42 | 1 1/4 | 30 | 19 | 20 | 42 | 55 | 60 | 100554.4 | |

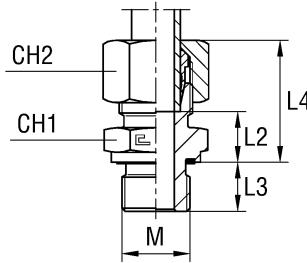
Note: If you wish to order a fitting in stainless steel, please change the first two digit from 10.. to 11..

MALE STUD COUPLING WITH ELASTOMER SEA Thread Metric Parallel

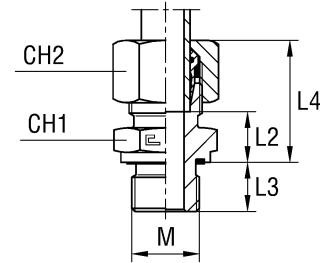
Type: 1006...1 Only Body



Type: 1006... B3 Ring



Type: 1006...4 B4 Ring



| Serie | Bar | Ordering Body | Ordering Equipped B3 | Ø Tube | M | L1 | L2 | L3 | L4 | CH1 | CH2 | Ordering Equipped B4 |
|-------|----------|---------------|----------------------|--------|--------|------|------|------|------|-----|----------|----------------------|
| LL | 100 | 100601.1 | 100601 | 4 | 8x1 | 13,5 | 9,5 | 8 | 20 | 12 | 10 | - |
| | | 100602.1 | 100602 | 6 | 10x1 | 13,5 | 8 | 8 | 20 | 14 | 12 | - |
| | | 100603.1 | 100603 | 8 | 10x1 | 14,5 | 9 | 8 | 21 | 14 | 14 | - |
| L | 315 | 100604.1 | 100604 | 6 | 10x1 | 15,5 | 8,5 | 8 | 23 | 14 | 14 | 100604.4 |
| | | 100605.1 | 100605 | 8 | 12x1,5 | 17 | 10 | 12 | 25 | 17 | 17 | 100605.4 |
| | | 100606.1 | 100606 | 10 | 14x1,5 | 18 | 11 | 12 | 26 | 19 | 19 | 100606.4 |
| | | 100607.1 | 100607 | 12 | 16x1,5 | 19,5 | 12,5 | 12 | 27 | 22 | 22 | 100607.4 |
| | | 100608.1 | 100608 | 15 | 18x1,5 | 20,5 | 13,5 | 12 | 29 | 24 | 27 | 100608.4 |
| | | 100609.1 | 100609 | 18 | 22x1,5 | 22 | 14,5 | 14 | 31 | 27 | 32 | 100609.4 |
| | 160 | 100610.1 | 100610 | 22 | 26x1,5 | 24 | 16,5 | 16 | 33 | 32 | 36 | 100610.4 |
| | | 100611.1 | 100611 | 28 | 33x2 | 25 | 17,5 | 18 | 34 | 41 | 41 | 100611.4 |
| | | 100612.1 | 100612 | 35 | 42x2 | 28 | 17,5 | 20 | 39 | 50 | 50 | 100612.4 |
| | | 100613.1 | 100613 | 42 | 48x2 | 30 | 19 | 22 | 42 | 55 | 60 | 100613.4 |
| S | 630 | 100614.1 | 100614 | 6 | 12x1,5 | 20 | 13 | 12 | 28 | 17 | 17 | 100614.4 |
| | | 100615.1 | 100615 | 8 | 14x1,5 | 22 | 15 | 12 | 30 | 19 | 19 | 100615.4 |
| | | 100616.1 | 100616 | 10 | 16x1,5 | 22,5 | 15 | 12 | 31 | 22 | 22 | 100616.4 |
| | | 100617.1 | 100617 | 12 | 18x1,5 | 24,5 | 17 | 12 | 33 | 24 | 24 | 100617.4 |
| | | 100618.1 | 100618 | 14 | 20x1,5 | 27 | 19 | 14 | 37 | 27 | 27 | 100618.4 |
| | 400 | 100619.1 | 100619 | 16 | 22x1,5 | 27 | 18,5 | 14 | 37 | 27 | 30 | 100619.4 |
| | | 100620.1 | 100620 | 20 | 27x2 | 31 | 20,5 | 16 | 42 | 32 | 36 | 100620.4 |
| | | 100621.1 | 100621 | 25 | 33x2 | 35 | 23 | 18 | 47 | 41 | 46 | 100621.4 |
| | | 100622.1 | 100622 | 30 | 42x2 | 37 | 23,5 | 20 | 50 | 50 | 50 | 100622.4 |
| | | 100623.1 | 100623 | 38 | 48x2 | 42 | 26 | 22 | 57 | 55 | 60 | 100623.4 |
| 315 | 100623.1 | 100623 | 38 | 48x2 | 42 | 26 | 22 | 57 | 55 | 60 | 100623.4 | |
| L | 315 | 100625.1 | 100625 | 8 | 18x1,5 | 18,5 | 11,5 | 12 | 26,5 | 24 | 17 | 100625.4 |
| | | 100626.1 | 100626 | 10 | 16x1,5 | 19,5 | 12,5 | 12 | 27,5 | 22 | 19 | 100626.4 |
| | | 100627.1 | 100627 | 10 | 18x1,5 | 19,5 | 12,5 | 12 | 27,5 | 24 | 19 | 100627.4 |
| | | 100628.1 | 100628 | 10 | 22x1,5 | 21 | 14 | 14 | 29 | 27 | 19 | 100628.4 |
| | | 100629.1 | 100629 | 12 | 14x1,5 | 19,5 | 12,5 | 12 | 27 | 19 | 22 | 100629.4 |
| | | 100630.1 | 100630 | 12 | 18x1,5 | 19,5 | 12,5 | 12 | 27 | 24 | 22 | 100630.4 |
| | | 100631.1 | 100631 | 12 | 22x1,5 | 21 | 14 | 14 | 28,5 | 27 | 22 | 100631.4 |
| | | 100632.1 | 100632 | 15 | 16x1,5 | 20 | 13 | 12 | 28 | 24 | 27 | 100632.4 |
| | | 100633.1 | 100633 | 15 | 22x1,5 | 22 | 15 | 14 | 30 | 27 | 27 | 100633.4 |
| | 100634.1 | 100634 | 18 | 18x1,5 | 21,5 | 14 | 12 | 30,5 | 27 | 32 | 100634.4 | |
| 160 | 100635.1 | 100635 | 22 | 22x1,5 | 24 | 16,5 | 14 | 33 | 32 | 36 | 100635.4 | |
| S | 630 | 100636.1 | 100636 | 12 | 22x1,5 | 25 | 17,5 | 14 | 33,5 | 27 | 24 | 100636.4 |
| | 400 | 100637.1 | 100637 | 16 | 18x1,5 | 26,5 | 18 | 12 | 36,5 | 27 | 30 | 100637.4 |
| | | 100638.1 | 100638 | 20 | 22x1,5 | 31 | 20,5 | 14 | 42 | 32 | 36 | 100638.4 |
| | | 100639.1 | 100639 | 25 | 27x2 | 35 | 23 | 16 | 47 | 41 | 46 | 100639.4 |
| | | 100640.1 | 100640 | 30 | 33x2 | 37 | 23,5 | 18 | 50 | 46 | 50 | 100640.4 |
| L | 315 | 100641.1 | 100641 | 8 | 10x1 | 16,5 | 8,5 | 8 | 24,5 | 14 | 17 | 100641.4 |

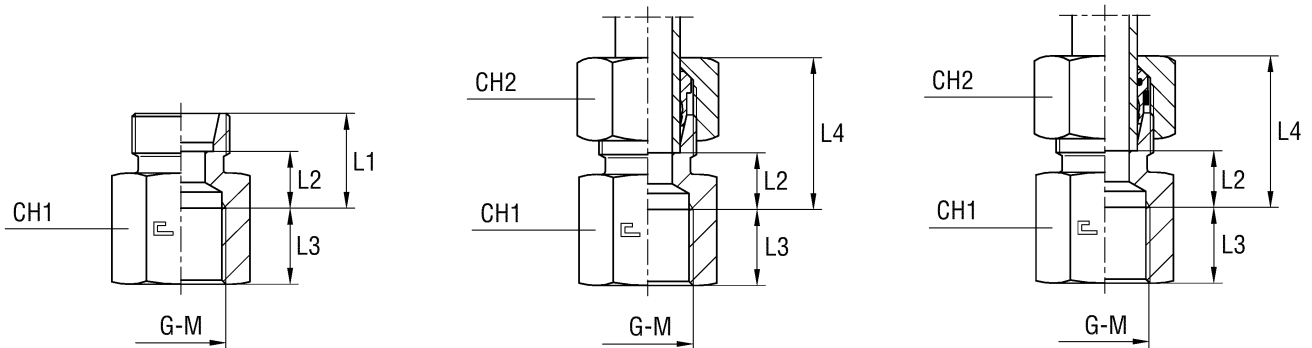
Note: If you wish to order a fitting in stainless steel, please change the first two digit from 10.. to 11..

FEMALE STUD COUPLING Thread BSP Parallel - Thread Metric Parall

Type: **1007...1** Only Body
Type: **1008...1** Only Body

Type: **1007..** B3 Ring
Type: **1008..** B3 Ring

Type: **1007...4** B4 Ring
Type: **1008...4** B4 Ring



| Serie | Bar | Ordering Body | Ordering Equipped B3 | Ø Tube | G | L1 | L2 | L3 | L4 | CH1 | CH2 | Ordering Equipped B4 |
|----------|----------|---------------|----------------------|--------|-------|------|------|------|------|-----|----------|----------------------|
| L | 315 | 100704.1 | 100704 | 6 | 1/8 | 16 | 9 | 10 | 23,5 | 14 | 14 | 100704.4 |
| | | 100705.1 | 100705 | 8 | 1/4 | 17 | 10 | 14 | 25 | 19 | 17 | 100705.4 |
| | | 100706.1 | 100706 | 10 | 1/4 | 18 | 11 | 14 | 26 | 19 | 19 | 100706.4 |
| | | 100707.1 | 100707 | 12 | 3/8 | 19 | 12 | 14 | 26,5 | 24 | 22 | 100707.4 |
| | | 100708.1 | 100708 | 15 | 1/2 | 21 | 14 | 17 | 29 | 27 | 27 | 100708.4 |
| | 100709.1 | 100709 | 18 | 1/2 | 21 | 13,5 | 17 | 30 | 27 | 32 | 100709.4 | |
| | 160 | 100710.1 | 100710 | 22 | 3/4 | 24 | 16,5 | 19 | 33 | 36 | 36 | 100710.4 |
| | | 100711.1 | 100711 | 28 | 1 | 23,5 | 16 | 21,5 | 32,5 | 41 | 41 | 100711.4 |
| | | 100712.1 | 100712 | 35 | 1 1/4 | 28,5 | 18 | 23,5 | 39,5 | 55 | 50 | 100712.4 |
| | | 100713.1 | 100713 | 42 | 1 1/2 | 28,5 | 17,5 | 25,5 | 40,5 | 60 | 60 | 100713.4 |
| 100714.1 | | 100714 | 6 | 1/4 | 19 | 12 | 14 | 27 | 19 | 17 | 100714.4 | |
| S | 630 | 100715.1 | 100715 | 8 | 1/4 | 19 | 12 | 14 | 27 | 19 | 19 | 100715.4 |
| | | 100716.1 | 100716 | 10 | 3/8 | 20 | 12,5 | 14 | 28,5 | 24 | 22 | 100716.4 |
| | | 100717.1 | 100717 | 12 | 3/8 | 20 | 12,5 | 14 | 28,5 | 24 | 24 | 100717.4 |
| | | 100718.1 | 100718 | 14 | 1/2 | 23 | 15 | 17 | 33 | 30 | 27 | 100718.4 |
| | | 100719.1 | 100719 | 16 | 1/2 | 23 | 14,5 | 17 | 33 | 30 | 30 | 100719.4 |
| | 400 | 100720.1 | 100720 | 20 | 3/4 | 26 | 15,5 | 19 | 37 | 36 | 36 | 100720.4 |
| | | 100721.1 | 100721 | 25 | 1 | 27,5 | 15,5 | 21,5 | 39,5 | 41 | 46 | 100721.4 |
| | | 100722.1 | 100722 | 30 | 1 1/4 | 32,5 | 19 | 23,5 | 45,5 | 55 | 50 | 100722.4 |
| | | 100723.1 | 100723 | 38 | 1 1/2 | 34,5 | 18,5 | 25,5 | 49,5 | 60 | 60 | 100723.4 |

Note: If you wish to order a fitting in stainless steel, please change the first two digit from 10.. to 11..

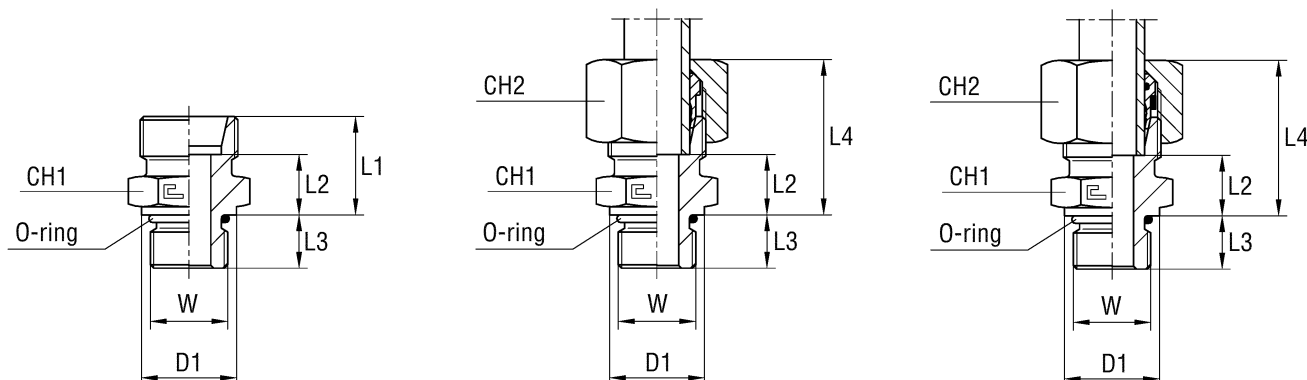
| Serie | Bar | Ordering Body | Ordering Equipped B3 | Ø Tube | M | L1 | L2 | L3 | L4 | CH1 | CH2 | Ordering Equipped B4 |
|----------|----------|---------------|----------------------|--------|--------|------|------|------|------|-----|----------|----------------------|
| L | 315 | 100804.1 | 100804 | 6 | 10x1 | 16 | 9 | 10 | 23,5 | 14 | 14 | 100804.4 |
| | | 100805.1 | 100805 | 8 | 12x1,5 | 16,5 | 9,5 | 14,5 | 24,5 | 17 | 17 | 100805.4 |
| | | 100806.1 | 100806 | 10 | 14x1,5 | 17,5 | 10,5 | 14,5 | 25,5 | 19 | 19 | 100806.4 |
| | | 100807.1 | 100807 | 12 | 16x1,5 | 18,5 | 11,5 | 14,5 | 26 | 22 | 22 | 100807.4 |
| | | 100808.1 | 100808 | 15 | 18x1,5 | 23,5 | 16,5 | 14,5 | 31,5 | 24 | 27 | 100808.4 |
| | 100809.1 | 100809 | 18 | 22x1,5 | 21,5 | 14 | 16,5 | 30,5 | 30 | 32 | 100809.4 | |
| | 160 | 100810.1 | 100810 | 22 | 26x1,5 | 23,5 | 16 | 18,5 | 32,5 | 32 | 36 | 100810.4 |
| | | 100811.1 | 100811 | 28 | 33x2 | 24 | 16,5 | 21 | 33 | 41 | 41 | 100811.4 |
| | | 100812.1 | 100812 | 35 | 42x2 | 28 | 17,5 | 23 | 39 | 55 | 50 | 100812.4 |
| | | 100813.1 | 100813 | 42 | 48x2 | 29 | 18 | 25 | 41 | 60 | 60 | 100813.4 |
| 100814.1 | | 100814 | 6 | 12x1,5 | 18,5 | 11,5 | 14,5 | 26,5 | 17 | 17 | 100814.4 | |
| S | 630 | 100815.1 | 100815 | 8 | 14x1,5 | 18,5 | 11,5 | 14,5 | 26,5 | 19 | 19 | 100815.4 |
| | | 100816.1 | 100816 | 10 | 16x1,5 | 19,5 | 12 | 14,5 | 28 | 22 | 22 | 100816.4 |
| | | 100817.1 | 100817 | 12 | 18x1,5 | 19,5 | 12 | 14,5 | 28 | 24 | 24 | 100817.4 |
| | | 100818.1 | 100818 | 14 | 20x1,5 | 23,5 | 15,5 | 16,5 | 33,5 | 27 | 27 | 100818.4 |
| | | 100819.1 | 100819 | 16 | 22x1,5 | 23,5 | 15 | 16,5 | 33,5 | 30 | 30 | 100819.4 |
| | 400 | 100820.1 | 100820 | 20 | 27x2 | 26 | 15,5 | 19 | 37 | 36 | 36 | 100820.4 |
| | | 100821.1 | 100821 | 25 | 33x2 | 28 | 16 | 21 | 40 | 41 | 46 | 100821.4 |
| | | 100822.1 | 100822 | 30 | 42x2 | 33 | 19,5 | 23 | 46 | 55 | 50 | 100822.4 |
| | | 100823.1 | 100823 | 38 | 48x2 | 35 | 19 | 25 | 50 | 60 | 60 | 100823.4 |

Note: If you wish to order a fitting in stainless steel, please change the first two digit from 10.. to 11..
Articles available on request only

MALE STUD COUPLING WITH O-RING Thread UNF/UN-2A

 Type: **1009...1** Only Body

 Type: **1009... B3** Ring

 Type: **1009...4** B4 Ring


| Serie | Bar | Ordering Body | Ordering Equipped B3 | Ø Tube | w | D1 | L1 | L2 | L3 | L4 | CH1 | CH2 | Ordering Equipped B4 |
|-------|-----|---------------|----------------------|--------|----------|---------|------|------|------|------|-----|-----|----------------------|
| L | 315 | 100904.1 | 100904 | 6 | 7/16-20 | 13,8 | 16,9 | 9,9 | 9,1 | 24,5 | 14 | 14 | 100904.4 |
| | | 100905.1 | 100905 | 8 | 1/2-20 | 16,8 | 16,9 | 9,9 | 9,1 | 25 | 17 | 17 | 100905.4 |
| | | 100906.1 | 100906 | 10 | 1/2-20 | 16,8 | 17,9 | 10,9 | 9,1 | 26 | 17 | 19 | 100906.4 |
| | | 100907.1 | 100907 | 12 | 9/16-18 | 18,8 | 18 | 11 | 10 | 25,5 | 19 | 22 | 100907.4 |
| | | 100908.1 | 100908 | 15 | 3/4-16 | 21,8 | 20,9 | 13,9 | 11,1 | 29 | 24 | 27 | 100908.4 |
| | | 100909.1 | 100909 | 18 | 3/4-16 | 21,8 | 21,9 | 14,4 | 11,1 | 31 | 27 | 32 | 100909.4 |
| | 160 | 100910.1 | 100910 | 22 | 11/16-12 | 31,8 | 23,9 | 16,4 | 15,1 | 33 | 32 | 36 | 100910.4 |
| | | 100911.1 | 100911 | 28 | 15/16-12 | 40,8 | 24,9 | 17,4 | 15,1 | 34 | 41 | 41 | 100911.4 |
| | | 100912.1 | 100912 | 35 | 15/8-12 | 49,8 | 27,9 | 17,4 | 15,1 | 39 | 50 | 50 | 100912.4 |
| | | 100913.1 | 100913 | 42 | 17/8-12 | 54,8 | 29,9 | 18,9 | 15,1 | 42 | 55 | 60 | 100913.4 |
| S | 630 | 100914.1 | 100914 | 6 | 1/2-20 | 16,8 | 21,9 | 14,9 | 9,1 | 30 | 17 | 17 | 100914.4 |
| | | 100915.1 | 100915 | 8 | 1/2-20 | 16,8 | 21,9 | 14,9 | 9,1 | 30 | 17 | 19 | 100915.4 |
| | | 100916.1 | 100916 | 10 | 9/16-18 | 18,8 | 22 | 14,5 | 10 | 30,5 | 19 | 22 | 100916.4 |
| | | 100917.1 | 100917 | 12 | 9/16-18 | 18,8 | 22 | 14,5 | 10 | 30,5 | 22 | 24 | 100917.4 |
| | | 100918.1 | 100918 | 14 | 3/4-16 | 21,8 | 23,9 | 15,9 | 11,1 | 34 | 24 | 27 | 100918.4 |
| | 400 | 100919.1 | 100919 | 16 | 3/4-16 | 21,8 | 23,9 | 15,4 | 11,1 | 34 | 27 | 30 | 100919.4 |
| | | 100920.1 | 100920 | 20 | 11/16-12 | 31,8 | 30,9 | 20,4 | 15,1 | 42 | 32 | 36 | 100920.4 |
| | | 100921.1 | 100921 | 25 | 15/16-12 | 40,8 | 34,9 | 22,9 | 15,1 | 47 | 41 | 46 | 100921.4 |
| | | 100922.1 | 100922 | 30 | 15/8-12 | 49,8 | 36,9 | 23,4 | 15,1 | 50 | 50 | 50 | 100922.4 |
| | 315 | 100923.1 | 100923 | 38 | 17/8-12 | 54,8 | 41,9 | 25,9 | 15,1 | 57 | 55 | 60 | 100923.4 |
| L | 315 | 100924.1 | 100924 | 8 | 7/16-20 | 13,8 | 16,9 | 9,9 | 9,1 | 25 | 14 | 17 | 100924.4 |
| | | 100925.1 | 100925 | 10 | 7/16-20 | 13,8 | 17,9 | 10,9 | 9,1 | 26 | 17 | 19 | 100925.4 |
| | | 100926.1 | 100926 | 12 | 3/4-16 | 21,8 | 19,9 | 12,9 | 11,1 | 27,5 | 22 | 22 | 100926.4 |
| | | 100927.1 | 100927 | 12 | 7/8-14 | 26,8 | 21,3 | 14,3 | 12,7 | 29 | 27 | 22 | 100927.4 |
| | | 100928.1 | 100928 | 18 | 7/8-14 | 26,8 | 22,3 | 14,8 | 12,7 | 31,5 | 27 | 32 | 100928.4 |
| | 160 | 100929.1 | 100929 | 22 | 7/8-14 | 26,8 | 24,3 | 16,8 | 12,7 | 33,5 | 32 | 36 | 100929.4 |
| | | 100930.1 | 100930 | 22 | 15/16-12 | 40,8 | 24,9 | 17,4 | 15,1 | 34 | 41 | 36 | 100930.4 |
| | | 100931.1 | 100931 | 28 | 11/16-12 | 31,8 | 24,9 | 17,4 | 15,1 | 34 | 41 | 41 | 100931.4 |
| | | 100932.1 | 100932 | 35 | 15/16-12 | 40,8 | 27,9 | 17,4 | 15,1 | 39 | 46 | 50 | 100932.4 |
| | | 100933.1 | 100933 | 42 | 15/8-12 | 49,8 | 29,9 | 18,9 | 15,1 | 42 | 55 | 60 | 100933.4 |
| S | 630 | 100934.1 | 100934 | 8 | 7/16-20 | 13,8 | 21,9 | 14,9 | 9,1 | 30 | 17 | 19 | 100934.4 |
| | | 100935.1 | 100935 | 12 | 3/4-16 | 21,8 | 24,9 | 17,4 | 11,1 | 33,5 | 22 | 24 | 100935.4 |
| | 400 | 100936.1 | 100936 | 16 | 7/8-14 | 26,8 | 27,3 | 18,8 | 12,7 | 37,5 | 27 | 30 | 100936.4 |
| | | 100937.1 | 100937 | 20 | 3/4-16 | 21,8 | 30,9 | 20,4 | 11,1 | 42 | 32 | 36 | 100937.4 |
| | | 100938.1 | 100938 | 20 | 7/8-14 | 26,8 | 31,3 | 20,8 | 12,7 | 42,5 | 32 | 36 | 100938.4 |
| | | 100939.1 | 100939 | 25 | 11/16-12 | 31,8 | 34,9 | 22,9 | 15,1 | 47 | 36 | 46 | 100939.4 |
| | | 100940.1 | 100940 | 30 | 15/16-12 | 40,8 | 36,9 | 23,4 | 15,1 | 50 | 46 | 50 | 100940.4 |
| | | 315 | 100941.1 | 100941 | 38 | 15/8-12 | 49,8 | 41,9 | 25,9 | 15,1 | 57 | 55 | 60 |

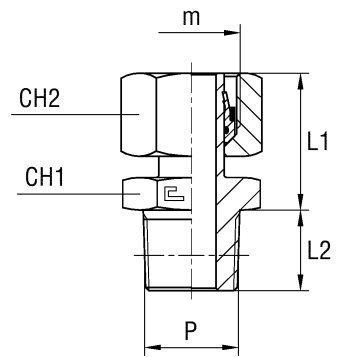
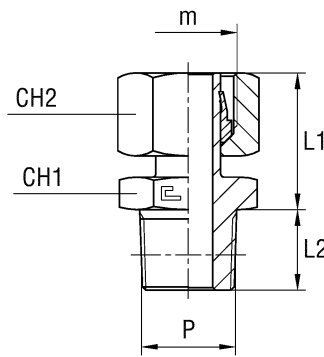
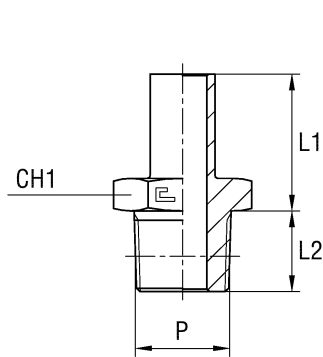
Note: If you wish to order a fitting in stainless steel, please change the first two digit from 10.. to 11..
 Articles available on scheduled orders only

STUD STANDPIPE ADAPTOR Thread NPT

Type: 10CT..P Only Body

Type: 1010.. B3 Ring

Type: 1010...4 B4 Ring



| Serie | Bar | Ordering Body | Ordering Equipped B3 | Ø Tube | m | P | L1 | L2 | CH1 | CH2 | Ordering Equipped B4 |
|-------|---------|---------------|----------------------|--------|--------|-------|------|------|-----|----------|----------------------|
| L | 315 | 10CT04P | 101004 | 6 | 12x1,5 | 1/8 | 23 | 10 | 12 | 14 | 101004.4 |
| | | 10CT05P | 101005 | 8 | 14x1,5 | 1/4 | 27,5 | 15 | 14 | 17 | 101005.4 |
| | | 10CT06P | 101006 | 10 | 16x1,5 | 1/4 | 25,5 | 15 | 14 | 19 | 101006.4 |
| | | 10CT07P | 101007 | 12 | 18x1,5 | 3/8 | 31,5 | 15 | 19 | 22 | 101007.4 |
| | | 10CT08P | 101008 | 15 | 22x1,5 | 1/2 | 29 | 19,5 | 22 | 27 | 101008.4 |
| | 10CT09P | 101009 | 18 | 26x1,5 | 1/2 | 28,5 | 19,5 | 22 | 32 | 101009.4 | |
| | 160 | 10CT10P | 101010 | 22 | 30x2 | 3/4 | 29,5 | 20 | 27 | 36 | 101010.4 |
| | | 10CT11P | 101011 | 28 | 36x2 | 1 | 32 | 25 | 36 | 41 | 101011.4 |
| | | 10CT12P | 101012 | 35 | 45x2 | 1 1/4 | 39,5 | 25,5 | 46 | 50 | 101012.4 |
| | | 10CT13P | 101013 | 42 | 52x2 | 1 1/2 | 43,5 | 26 | 50 | 60 | 101013.4 |
| S | 630 | 10CT14P | 101014 | 6 | 14x1,5 | 1/4 | 25 | 15 | 14 | 17 | 101014.4 |
| | | 10CT15P | 101015 | 8 | 16x1,5 | 1/4 | 27,5 | 15 | 14 | 19 | 101015.4 |
| | | 10CT16P | 101016 | 10 | 18x1,5 | 3/8 | 29,5 | 15 | 19 | 22 | 101016.4 |
| | | 10CT17P | 101017 | 12 | 20x1,5 | 3/8 | 31,5 | 15 | 19 | 24 | 101017.4 |
| | | 10CT18P | 101018 | 14 | 22x1,5 | 1/2 | 33,5 | 19,5 | 22 | 27 | 101018.4 |
| | 400 | 10CT19P | 101019 | 16 | 24x1,5 | 1/2 | 34 | 19,5 | 22 | 30 | 101019.4 |
| | | 10CT20P | 101020 | 20 | 30x2 | 3/4 | 40 | 20 | 27 | 36 | 101020.4 |
| | | 10CT21P | 101021 | 25 | 36x2 | 1 | 45 | 25 | 36 | 46 | 101021.4 |
| | | 10CT22P | 101022 | 30 | 42x2 | 1 1/4 | 48 | 25,5 | 46 | 50 | 101022.4 |
| | 315 | 10CT23P | 101023 | 38 | 52x2 | 1 1/2 | 57 | 26 | 50 | 60 | 101023.4 |

Note: If you wish to order a fitting in stainless steel, please change the first two digit from 10.. to 11..
Articles not included in ISO 8434-1 norm available on scheduled orders only

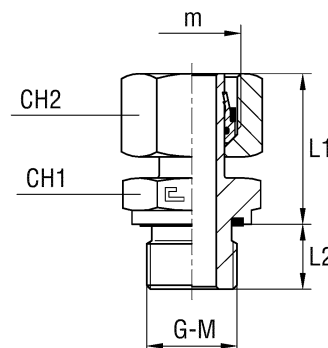
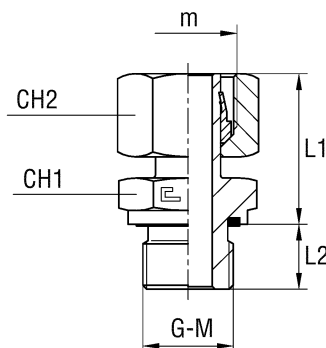
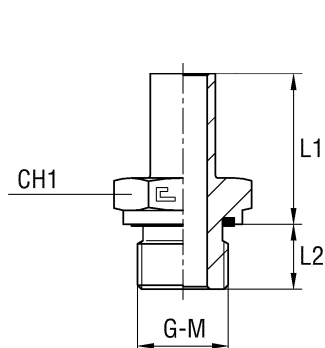
STUD STANDPIPE ADAPTOR WITH ELASTOMER SEAL

Thread BSP Parallel - Thread Metric Parallel

Type: **10CTG..R** Only Body
 Type: **10CTG..M** Only Body

Type: **1011..** B3 Ring
 Type: **1012..** B3 Ring

Type: **1011...4** B4 Ring
 Type: **1012...4** B4 Ring



| Serie | Bar | Ordering Body | Ordering Equipped B3 | Ø Tube | m | G | L1 | L2 | CH1 | CH2 | Ordering Equipped B4 |
|-------|----------|---------------|----------------------|--------|--------|-------|------|----|-----|----------|----------------------|
| L | 315 | 10CTG04R | 101104 | 6 | 12x1,5 | 1/8 | 24,5 | 8 | 14 | 14 | 101104.4 |
| | | 10CTG05R | 101105 | 8 | 14x1,5 | 1/4 | 29,5 | 12 | 19 | 17 | 101105.4 |
| | | 10CTG06R | 101106 | 10 | 16x1,5 | 1/4 | 27,5 | 12 | 19 | 19 | 101106.4 |
| | | 10CTG07R | 101107 | 12 | 18x1,5 | 3/8 | 34 | 12 | 22 | 22 | 101107.4 |
| | | 10CTG08R | 101108 | 15 | 22x1,5 | 1/2 | 32 | 14 | 27 | 27 | 101108.4 |
| | 10CTG09R | 101109 | 18 | 26x1,5 | 1/2 | 31,5 | 14 | 27 | 32 | 101109.4 | |
| | 160 | 10CTG10R | 101110 | 22 | 30x2 | 3/4 | 32,5 | 16 | 32 | 36 | 101110.4 |
| | | 10CTG11R | 101111 | 28 | 36x2 | 1 | 35 | 18 | 41 | 41 | 101111.4 |
| | | 10CTG12R | 101112 | 35 | 45x2 | 1 1/4 | 42,5 | 20 | 50 | 50 | 101112.4 |
| | | 10CTG13R | 101113 | 42 | 52x2 | 1 1/2 | 46,5 | 22 | 55 | 60 | 101113.4 |
| S | 630 | 10CTG14R | 101114 | 6 | 14x1,5 | 1/4 | 27 | 12 | 19 | 17 | 101114.4 |
| | | 10CTG15R | 101115 | 8 | 16x1,5 | 1/4 | 29,5 | 12 | 19 | 19 | 101115.4 |
| | | 10CTG16R | 101116 | 10 | 18x1,5 | 3/8 | 32 | 12 | 22 | 22 | 101116.4 |
| | | 10CTG17R | 101117 | 12 | 20x1,5 | 3/8 | 34 | 12 | 22 | 24 | 101117.4 |
| | | 10CTG18R | 101118 | 14 | 22x1,5 | 1/2 | 36,5 | 14 | 27 | 27 | 101118.4 |
| | 400 | 10CTG19R | 101119 | 16 | 24x1,5 | 1/2 | 37 | 14 | 27 | 30 | 101119.4 |
| | | 10CTG20R | 101120 | 20 | 30x2 | 3/4 | 43 | 16 | 32 | 36 | 101120.4 |
| | | 10CTG21R | 101121 | 25 | 36x2 | 1 | 48 | 18 | 41 | 46 | 101121.4 |
| | | 10CTG22R | 101122 | 30 | 42x2 | 1 1/4 | 51 | 20 | 50 | 50 | 101122.4 |
| | 315 | 10CTG23R | 101123 | 38 | 52x2 | 1 1/2 | 60 | 22 | 55 | 60 | 101123.4 |

Note: If you wish to order a fitting in stainless steel, please change the first two digit from 10.. to 11..

| Serie | Bar | Ordering Body | Ordering Equipped B3 | Ø Tube | m | M | L1 | L2 | CH1 | CH2 | Ordering Equipped B4 |
|-------|----------|---------------|----------------------|--------|--------|--------|------|----|-----|----------|----------------------|
| L | 315 | 10CTG04M | 101204 | 6 | 12x1,5 | 10x1 | 24,5 | 8 | 14 | 14 | 101204.4 |
| | | 10CTG05M | 101205 | 8 | 14x1,5 | 12x1,5 | 26,5 | 12 | 17 | 17 | 101205.4 |
| | | 10CTG06M | 101206 | 10 | 16x1,5 | 14x1,5 | 27,5 | 12 | 19 | 19 | 101206.4 |
| | | 10CTG07M | 101207 | 12 | 18x1,5 | 16x1,5 | 30,5 | 12 | 22 | 22 | 101207.4 |
| | | 10CTG08M | 101208 | 15 | 22x1,5 | 18x1,5 | 31,5 | 12 | 24 | 27 | 101208.4 |
| | 10CTG09M | 101209 | 18 | 26x1,5 | 22x1,5 | 31,5 | 14 | 27 | 32 | 101209.4 | |
| | 160 | 10CTG10M | 101210 | 22 | 30x2 | 26x1,5 | 32,5 | 16 | 32 | 36 | 101210.4 |
| | | 10CTG11M | 101211 | 28 | 36x2 | 33x2 | 35 | 18 | 41 | 41 | 101211.4 |
| | | 10CTG12M | 101212 | 35 | 45x2 | 42x2 | 42,5 | 20 | 50 | 50 | 101212.4 |
| | | 10CTG13M | 101213 | 42 | 52x2 | 48x2 | 46,5 | 22 | 55 | 60 | 101213.4 |
| S | 630 | 10CTG14M | 101214 | 6 | 14x1,5 | 12x1,5 | 27 | 12 | 17 | 17 | 101214.4 |
| | | 10CTG15M | 101215 | 8 | 16x1,5 | 14x1,5 | 29,5 | 12 | 19 | 19 | 101215.4 |
| | | 10CTG16M | 101216 | 10 | 18x1,5 | 16x1,5 | 32 | 12 | 22 | 22 | 101216.4 |
| | | 10CTG17M | 101217 | 12 | 20x1,5 | 18x1,5 | 34 | 12 | 24 | 24 | 101217.4 |
| | | 10CTG18M | 101218 | 14 | 22x1,5 | 20x1,5 | 36,5 | 14 | 27 | 27 | 101218.4 |
| | 400 | 10CTG19M | 101219 | 16 | 24x1,5 | 22x1,5 | 37 | 14 | 27 | 30 | 101219.4 |
| | | 10CTG20M | 101220 | 20 | 30x2 | 27x2 | 43 | 16 | 32 | 36 | 101220.4 |
| | | 10CTG21M | 101221 | 25 | 36x2 | 33x2 | 48 | 18 | 41 | 46 | 101221.4 |
| | | 10CTG22M | 101222 | 30 | 42x2 | 42x2 | 51 | 20 | 50 | 50 | 101222.4 |
| | 315 | 10CTG23M | 101223 | 38 | 52x2 | 48x2 | 60 | 22 | 55 | 60 | 101223.4 |

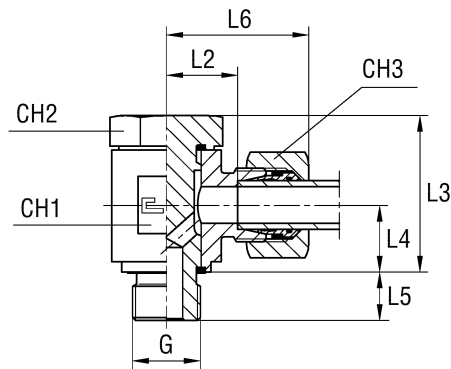
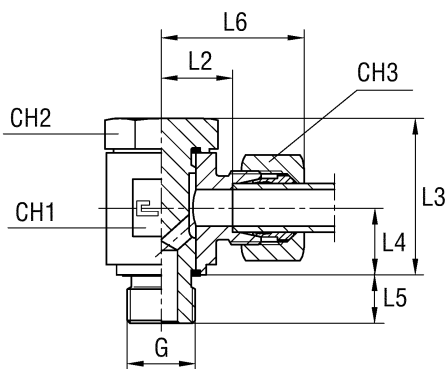
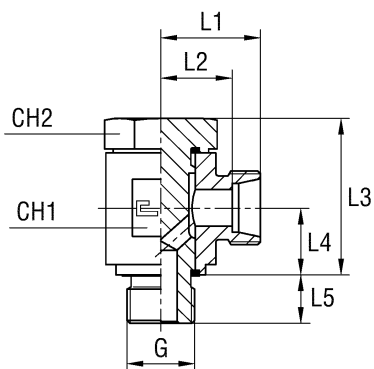
Note: If you wish to order a fitting in stainless steel, please change the first two digit from 10.. to 11..

BANJO COUPLING WITH ALLOW SCREW AND ELASTOMER SEAL Thread BSP Parallel

Type: 1013...1 Only Body

Type: 1013.. B3 Ring

Type: 1013...4 B4 Ring



| Serie | Bar | Ordering Body | Ordering Equipped B3 | Ø Tube | G | L1 | L2 | L3 | L4 | L5 | L6 | CH1 | CH2 | CH3 | Ordering Equipped B4 |
|-------|-----|---------------|----------------------|--------|-------|------|------|------|------|----|------|-----|-----|-----|----------------------|
| LL | 100 | 101301.1 | 101301 | 4 | 1/8 | 18 | 14 | 18,5 | 10,5 | 8 | 24 | 17 | 17 | 10 | - |
| | | 101302.1 | 101302 | 6 | 1/8 | 18 | 12,5 | 18,5 | 10,5 | 8 | 24 | 17 | 17 | 12 | - |
| | | 101303.1 | 101303 | 8 | 1/8 | 19 | 13,5 | 18,5 | 10,5 | 8 | 25 | 17 | 17 | 14 | - |
| L | 315 | 101304.1 | 101304 | 6 | 1/8 | 19 | 12 | 18,5 | 10,5 | 8 | 27 | 17 | 17 | 14 | 101304.4 |
| | | 101305.1 | 101305 | 8 | 1/4 | 21,5 | 14,5 | 25 | 14 | 12 | 29,5 | 22 | 19 | 17 | 101305.4 |
| | | 101306.1 | 101306 | 10 | 1/4 | 22,5 | 15,5 | 25 | 14 | 12 | 30,5 | 22 | 19 | 19 | 101306.4 |
| | | 101307.1 | 101307 | 12 | 3/8 | 25 | 18 | 30 | 16,5 | 12 | 33 | 27 | 24 | 22 | 101307.4 |
| | | 101308.1 | 101308 | 15 | 1/2 | 29 | 22 | 37,5 | 21,5 | 14 | 37 | 32 | 30 | 27 | 101308.4 |
| | | 101309.1 | 101309 | 18 | 1/2 | 29 | 21,5 | 37,5 | 21,5 | 14 | 38 | 32 | 30 | 32 | 101309.4 |
| | 160 | 101310.1 | 101310 | 22 | 3/4 | 34 | 26,5 | 44 | 24 | 16 | 43 | 41 | 36 | 36 | 101310.4 |
| | | 101311.1 | 101311 | 28 | 1 | 38,5 | 31 | 55,5 | 30,5 | 18 | 47,5 | 50 | 46 | 41 | 101311.4 |
| | | 101312.1 | 101312 | 35 | 1 1/4 | 45,5 | 35 | 65,5 | 35,5 | 20 | 56,5 | 60 | 55 | 50 | 101312.4 |
| | | 101313.1 | 101313 | 42 | 1 1/2 | 50,5 | 39,5 | 75,5 | 40,5 | 22 | 62,5 | 70 | 60 | 60 | 101313.4 |
| S | 630 | 101314.1 | 101314 | 6 | 1/4 | 23,5 | 16,5 | 25 | 14 | 12 | 31,5 | 22 | 19 | 17 | 101314.4 |
| | | 101315.1 | 101315 | 8 | 1/4 | 23,5 | 16,5 | 25 | 14 | 12 | 31,5 | 22 | 19 | 19 | 101315.4 |
| | | 101316.1 | 101316 | 10 | 3/8 | 26 | 18,5 | 30 | 16,5 | 12 | 35 | 27 | 24 | 22 | 101316.4 |
| | | 101317.1 | 101317 | 12 | 3/8 | 26 | 18,5 | 30 | 16,5 | 12 | 35 | 27 | 24 | 24 | 101317.4 |
| | | 101318.1 | 101318 | 14 | 1/2 | 31 | 23 | 37,5 | 21,5 | 14 | 41 | 32 | 30 | 27 | 101318.4 |
| | 400 | 101319.1 | 101319 | 16 | 1/2 | 31 | 22,5 | 37,5 | 21,5 | 14 | 41 | 32 | 30 | 30 | 101319.4 |
| | | 101320.1 | 101320 | 20 | 3/4 | 36 | 25,5 | 44 | 24 | 16 | 47 | 41 | 36 | 36 | 101320.4 |
| | | 101321.1 | 101321 | 25 | 1 | 42,5 | 31,5 | 55,5 | 30,5 | 18 | 54,5 | 50 | 46 | 46 | 101321.4 |
| | | 101322.1 | 101322 | 30 | 1 1/4 | 49,5 | 36 | 65,5 | 35,5 | 20 | 62,5 | 60 | 55 | 50 | 101322.4 |
| | | 101323.1 | 101323 | 38 | 1 1/2 | 56,5 | 40,5 | 75,5 | 40,5 | 22 | 71,5 | 70 | 60 | 60 | 101323.4 |

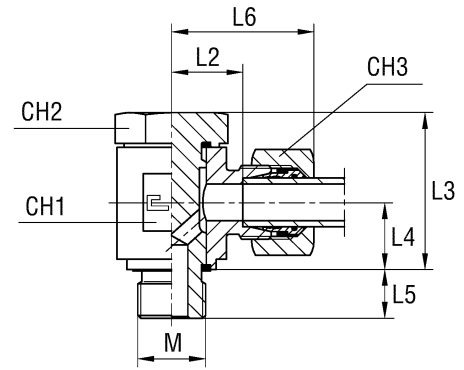
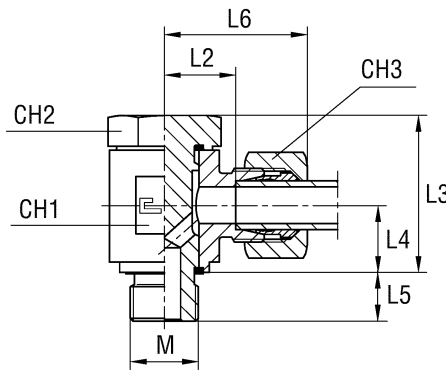
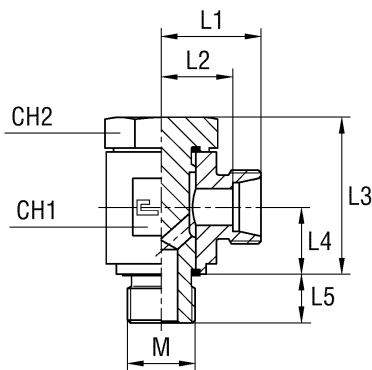
Note: If you wish to order a fitting in stainless steel, please change the first two digit from 10.. to 11..
Articles not included in ISO 8434-1 norm

BANJO COUPLING WITH ALLOW SCREW AND ELASTOMER SEAL Thread Metric Parallel

Type: 1014...1 Only Body

Type: 1014... B3 Ring

Type: 1014...4 B4 Ring



| Serie | Bar | Ordering Body | Ordering Equipped B3 | Ø Tube | M | L1 | L2 | L3 | L4 | L5 | L6 | CH1 | CH2 | CH3 | Ordering Equipped B4 |
|-------|-----|---------------|----------------------|--------|--------|------|------|------|------|------|------|------|-----|-----|----------------------|
| LL | 100 | 101401.1 | 101401 | 4 | 8x1 | 18 | 14 | 18,5 | 10,5 | 8 | 24 | 17 | 14 | 10 | - |
| | | 101402.1 | 101402 | 6 | 10x1 | 18 | 12,5 | 18,5 | 10,5 | 8 | 24 | 17 | 17 | 12 | - |
| | | 101403.1 | 101403 | 8 | 10x1 | 19 | 13,5 | 18,5 | 10,5 | 8 | 25 | 17 | 17 | 14 | - |
| L | 315 | 101404.1 | 101404 | 6 | 10x1 | 19 | 12 | 18,5 | 10,5 | 8 | 27 | 17 | 17 | 14 | 101404.4 |
| | | 101405.1 | 101405 | 8 | 12x1,5 | 21,5 | 14,5 | 25 | 14 | 12 | 29,5 | 22 | 19 | 17 | 101405.4 |
| | | 101406.1 | 101406 | 10 | 14x1,5 | 22,5 | 15,5 | 25 | 14 | 12 | 30,5 | 22 | 19 | 19 | 101406.4 |
| | | 101407.1 | 101407 | 12 | 16x1,5 | 25 | 18 | 30 | 16,5 | 12 | 33 | 27 | 24 | 22 | 101407.4 |
| | | 101408.1 | 101408 | 15 | 18x1,5 | 29 | 22 | 33,5 | 18,5 | 12 | 37 | 32 | 27 | 27 | 101408.4 |
| | | 101409.1 | 101409 | 18 | 22x1,5 | 29 | 21,5 | 37,5 | 21,5 | 14 | 38 | 32 | 30 | 32 | 101409.4 |
| | 160 | 101410.1 | 101410 | 22 | 26x1,5 | 34 | 26,5 | 44 | 24 | 16 | 43 | 41 | 36 | 36 | 101410.4 |
| | | 101411.1 | 101411 | 28 | 33x2 | 38,5 | 31 | 55,5 | 30,5 | 18 | 47,5 | 50 | 46 | 41 | 101411.4 |
| | | 101412.1 | 101412 | 35 | 42x2 | 45,5 | 35 | 65,5 | 35,5 | 20 | 56,5 | 60 | 55 | 50 | 101412.4 |
| | | 101413.1 | 101413 | 42 | 48x2 | 50,5 | 39,5 | 75,5 | 40,5 | 22 | 62,5 | 70 | 60 | 60 | 101413.4 |
| S | 630 | 101414.1 | 101414 | 6 | 12x1,5 | 23,5 | 16,5 | 25 | 14 | 12 | 31,5 | 22 | 19 | 17 | 101414.4 |
| | | 101415.1 | 101415 | 8 | 14x1,5 | 23,5 | 16,5 | 25 | 14 | 12 | 31,5 | 22 | 19 | 19 | 101415.4 |
| | | 101416.1 | 101416 | 10 | 16x1,5 | 26 | 18,5 | 30 | 16,5 | 12 | 35 | 27 | 24 | 22 | 101416.4 |
| | | 101417.1 | 101417 | 12 | 18x1,5 | 29 | 21,5 | 33,5 | 18,5 | 12 | 38 | 32 | 24 | 24 | 101417.4 |
| | | 101418.1 | 101418 | 14 | 20x1,5 | 31 | 23 | 36 | 20 | 14 | 41 | 32 | 30 | 27 | 101418.4 |
| | 400 | 101419.1 | 101419 | 16 | 22x1,5 | 31 | 22,5 | 37,5 | 21,5 | 14 | 41 | 32 | 30 | 30 | 101419.4 |
| | | 101420.1 | 101420 | 20 | 27x2 | 36 | 25,5 | 44 | 24 | 16 | 47 | 41 | 36 | 36 | 101420.4 |
| | | 101421.1 | 101421 | 25 | 33x2 | 42,5 | 31,5 | 55,5 | 30,5 | 18 | 54,5 | 50 | 46 | 46 | 101421.4 |
| | | 101422.1 | 101422 | 30 | 42x2 | 49,5 | 36 | 65,5 | 35,5 | 20 | 62,5 | 60 | 55 | 50 | 101422.4 |
| | | 315 | 101423.1 | 101423 | 38 | 48x2 | 56,5 | 40,5 | 75,5 | 40,5 | 22 | 71,5 | 70 | 60 | 60 |

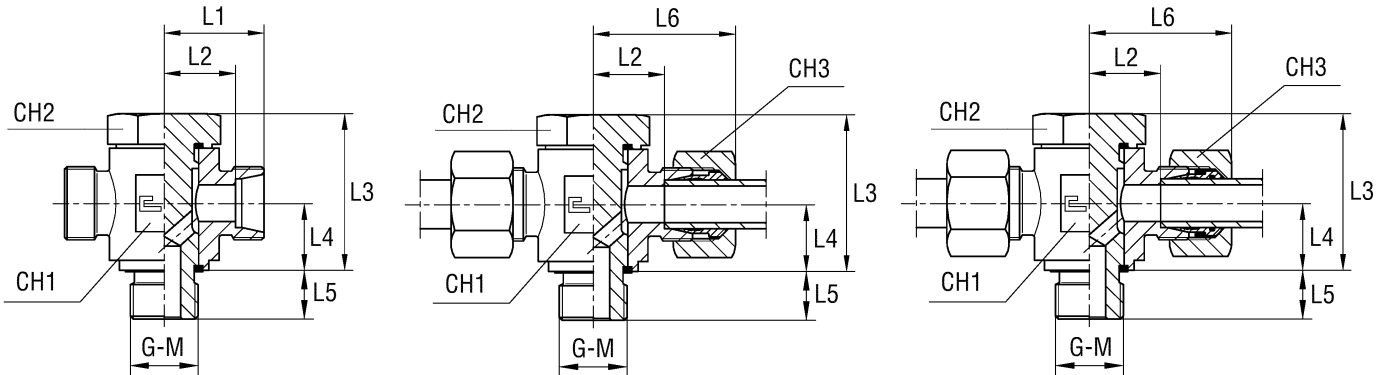
Note: If you wish to order a fitting in stainless steel, please change the first two digit from 10.. to 11..
 Articles not included in ISO 8434-1 norm

BANJO TEE COUPLING WITH ALLOW SCREW AND ELASTOMER SEAL
Thread BSP Parallel - Thread Metric Parallel

Type: **1015...1** Only Body
 Type: **1016...1** Only Body

Type: **1015... B3** Ring
 Type: **1016... B3** Ring

Type: **1015...4** B4 Ring
 Type: **1016...4** B4 Ring



| Serie | Bar | Ordering Body | Ordering Equipped B3 | Ø Tube | G | L1 | L2 | L3 | L4 | L5 | L6 | CH1 | CH2 | CH3 | Ordering Equipped B4 |
|-------|----------|---------------|----------------------|--------|-------|-------|------|------|------|------|------|------|-----|----------|----------------------|
| L | 315 | 101504.1 | 101504 | 6 | 1/8 | 19 | 12 | 18,5 | 10,5 | 8 | 27 | 17 | 17 | 14 | 101504.4 |
| | | 101505.1 | 101505 | 8 | 1/4 | 21,5 | 14,5 | 25 | 14 | 12 | 29,5 | 22 | 19 | 17 | 101505.4 |
| | | 101506.1 | 101506 | 10 | 1/4 | 22,5 | 15,5 | 25 | 14 | 12 | 30,5 | 22 | 19 | 19 | 101506.4 |
| | | 101507.1 | 101507 | 12 | 3/8 | 25 | 18 | 30 | 16,5 | 12 | 33 | 27 | 24 | 22 | 101507.4 |
| | | 101508.1 | 101508 | 15 | 1/2 | 29 | 22 | 37,5 | 21,5 | 14 | 37 | 32 | 30 | 27 | 101508.4 |
| | 101509.1 | 101509 | 18 | 1/2 | 29 | 21,5 | 37,5 | 21,5 | 14 | 38 | 32 | 30 | 32 | 101509.4 | |
| | 160 | 101510.1 | 101510 | 22 | 3/4 | 34 | 26,5 | 44 | 24 | 16 | 43 | 41 | 36 | 36 | 101510.4 |
| | | 101511.1 | 101511 | 28 | 1 | 38,5 | 31 | 55,5 | 30,5 | 18 | 47,5 | 50 | 46 | 41 | 101511.4 |
| | | 101512.1 | 101512 | 35 | 1 1/4 | 45,5 | 35 | 65,5 | 35,5 | 20 | 56,5 | 60 | 55 | 50 | 101512.4 |
| | | 101513.1 | 101513 | 42 | 1 1/2 | 50,5 | 39,5 | 75,5 | 40,5 | 22 | 62,5 | 70 | 60 | 60 | 101513.4 |
| S | | 630 | 101514.1 | 101514 | 6 | 1/4 | 23,5 | 16,5 | 25 | 14 | 12 | 31,5 | 22 | 19 | 17 |
| | 101515.1 | | 101515 | 8 | 1/4 | 23,5 | 16,5 | 25 | 12 | 12 | 31,5 | 22 | 19 | 19 | 101515.4 |
| | 101516.1 | | 101516 | 10 | 3/8 | 26 | 18,5 | 30 | 16,5 | 12 | 35 | 27 | 24 | 22 | 101516.4 |
| | 101517.1 | | 101517 | 12 | 3/8 | 26 | 18,5 | 30 | 16,5 | 12 | 35 | 27 | 24 | 24 | 101517.4 |
| | 101518.1 | | 101518 | 14 | 1/2 | 31 | 23 | 37,5 | 21,5 | 14 | 41 | 32 | 30 | 27 | 101518.4 |
| | 400 | 101519.1 | 101519 | 16 | 1/2 | 31 | 22,5 | 37,5 | 21,5 | 14 | 41 | 32 | 30 | 30 | 101519.4 |
| | | 101520.1 | 101520 | 20 | 3/4 | 36 | 25,5 | 44 | 24 | 16 | 47 | 41 | 36 | 36 | 101520.4 |
| | | 101521.1 | 101521 | 25 | 1 | 42,5 | 31,5 | 55,5 | 30,5 | 18 | 54,5 | 50 | 46 | 46 | 101521.4 |
| | | 101522.1 | 101522 | 30 | 1 1/4 | 49,5 | 36 | 65,5 | 35,5 | 20 | 62,5 | 60 | 55 | 50 | 101522.4 |
| | | 315 | 101523.1 | 101523 | 38 | 1 1/2 | 56,5 | 40,5 | 75,5 | 40,5 | 22 | 71,5 | 70 | 60 | 60 |

Note: If you wish to order a fitting in stainless steel, please change the first two digit from **10..** to **11..**
 Articles not included in ISO 8434-1 norm available on scheduled orders only

| Serie | Bar | Ordering Body | Ordering Equipped B3 | Ø Tube | M | L1 | L2 | L3 | L4 | L5 | L6 | CH1 | CH2 | CH3 | Ordering Equipped B4 |
|-------|----------|---------------|----------------------|--------|--------|--------|------|------|------|------|------|------|-----|----------|----------------------|
| L | 315 | 101604.1 | 101604 | 6 | 10x1 | 19 | 12 | 18,5 | 10,5 | 8 | 26 | 17 | 17 | 14 | 101604.4 |
| | | 101605.1 | 101605 | 8 | 12x1,5 | 21,5 | 14,5 | 25 | 14 | 12 | 29,5 | 22 | 19 | 17 | 101605.4 |
| | | 101606.1 | 101606 | 10 | 14x1,5 | 22,5 | 15,5 | 25 | 14 | 12 | 30,5 | 22 | 19 | 19 | 101606.4 |
| | | 101607.1 | 101607 | 12 | 16x1,5 | 25 | 18 | 30 | 16,5 | 12 | 33 | 27 | 24 | 22 | 101607.4 |
| | | 101608.1 | 101608 | 15 | 18x1,5 | 29 | 22 | 33,5 | 18,5 | 12 | 37 | 32 | 27 | 27 | 101608.4 |
| | 101609.1 | 101609 | 18 | 22x1,5 | 29 | 21,5 | 37,5 | 21,5 | 14 | 38 | 32 | 30 | 32 | 101609.4 | |
| | 160 | 101610.1 | 101610 | 22 | 26x1,5 | 34 | 26,5 | 44 | 24 | 16 | 43 | 41 | 36 | 36 | 101610.4 |
| | | 101611.1 | 101611 | 28 | 33x2 | 38,5 | 31 | 55,5 | 30,5 | 18 | 47,5 | 50 | 46 | 41 | 101611.4 |
| | | 101612.1 | 101612 | 35 | 42x2 | 45,5 | 35 | 65,5 | 35,5 | 20 | 56,5 | 60 | 55 | 50 | 101612.4 |
| | | 101613.1 | 101613 | 42 | 48x2 | 50,5 | 39,5 | 75,5 | 40,5 | 22 | 62,5 | 70 | 60 | 60 | 101613.4 |
| S | | 630 | 101614.1 | 101614 | 6 | 12x1,5 | 23,5 | 16,5 | 25 | 14 | 12 | 31,5 | 22 | 19 | 17 |
| | 101615.1 | | 101615 | 8 | 14x1,5 | 23,5 | 16,5 | 25 | 14 | 12 | 31,5 | 22 | 19 | 19 | 101615.4 |
| | 101616.1 | | 101616 | 10 | 16x1,5 | 26 | 18,5 | 30 | 16,5 | 12 | 35 | 27 | 24 | 22 | 101616.4 |
| | 101617.1 | | 101617 | 12 | 18x1,5 | 29 | 21,5 | 33,5 | 18,5 | 12 | 38 | 32 | 27 | 24 | 101617.4 |
| | 101618.1 | | 101618 | 14 | 20x1,5 | 31 | 23 | 36 | 20 | 14 | 41 | 32 | 30 | 27 | 101618.4 |
| | 400 | 101619.1 | 101619 | 16 | 22x1,5 | 31 | 22,5 | 37,5 | 21,5 | 14 | 41 | 32 | 30 | 30 | 101619.4 |
| | | 101620.1 | 101620 | 20 | 27x2 | 36 | 25,5 | 44 | 24 | 16 | 47 | 41 | 36 | 36 | 101620.4 |
| | | 101621.1 | 101621 | 25 | 33x2 | 42,5 | 31,5 | 55,5 | 30,5 | 18 | 54,5 | 50 | 46 | 46 | 101621.4 |
| | | 101622.1 | 101622 | 30 | 42x2 | 49,5 | 36 | 65,5 | 35,5 | 20 | 62,5 | 60 | 55 | 50 | 101622.4 |
| | | 315 | 101623.1 | 101623 | 38 | 48x2 | 56,5 | 40,5 | 75,5 | 40,5 | 22 | 71,5 | 70 | 60 | 60 |

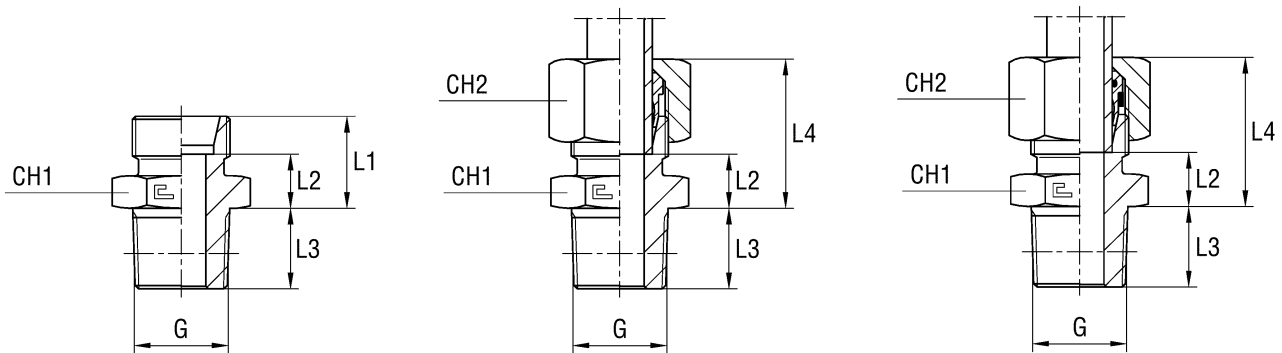
Note: If you wish to order a fitting in stainless steel, please change the first two digit from **10..** to **11..**
 Articles not included in ISO 8434-1 norm available on scheduled orders only

MALE STUD COUPLING Thread BSP Taper

Type: 1017...1 Only Body

Type: 1017.. B3 Ring

Type: 1017...4 B4 Ring



| Serie | Bar | Ordering Body | Ordering Equipped B3 | Ø Tube | G | L1 | L2 | L3 | L4 | CH1 | CH2 | Ordering Equipped B4 |
|----------|--------|---------------|----------------------|--------|-------|----|------|----|------|----------|-----|----------------------|
| LL | 100 | 101701.1 | 101701 | 4 | 1/8 | 12 | 8 | 8 | 18,5 | 12 | 10 | - |
| | | 101702.1 | 101702 | 6 | 1/8 | 12 | 6,5 | 8 | 18,5 | 12 | 12 | - |
| | | 101703.1 | 101703 | 8 | 1/8 | 14 | 8,5 | 8 | 20,5 | 12 | 14 | - |
| L | 315 | 101704.1 | 101704 | 6 | 1/8 | 14 | 7 | 8 | 22 | 12 | 14 | 101704.4 |
| | | 101705.1 | 101705 | 8 | 1/4 | 15 | 8 | 12 | 23 | 17 | 17 | 101705.4 |
| | | 101706.1 | 101706 | 10 | 1/4 | 16 | 9 | 12 | 24 | 17 | 19 | 101706.4 |
| | | 101707.1 | 101707 | 12 | 3/8 | 17 | 10 | 12 | 24,5 | 19 | 22 | 101707.4 |
| | | 101708.1 | 101708 | 15 | 1/2 | 18 | 11 | 14 | 26 | 24 | 27 | 101708.4 |
| | | 101709.1 | 101709 | 18 | 1/2 | 19 | 11,5 | 14 | 28 | 27 | 32 | 101709.4 |
| | 160 | 101710.1 | 101710 | 22 | 3/4 | 21 | 13,5 | 16 | 30 | 32 | 36 | 101710.4 |
| | | 101711.1 | 101711 | 28 | 1 | 22 | 14,5 | 18 | 31 | 41 | 41 | 101711.4 |
| | | 101712.1 | 101712 | 35 | 1 1/4 | 25 | 14,5 | 20 | 36 | 46 | 50 | 101712.4 |
| | | 101713.1 | 101713 | 42 | 1 1/2 | 27 | 16 | 22 | 39 | 55 | 60 | 101713.4 |
| S | 630 | 101714.1 | 101714 | 6 | 1/4 | 18 | 11 | 12 | 26 | 17 | 17 | 101714.4 |
| | | 101715.1 | 101715 | 8 | 1/4 | 20 | 13 | 12 | 28 | 17 | 19 | 101715.4 |
| | | 101716.1 | 101716 | 10 | 3/8 | 20 | 12,5 | 12 | 28,5 | 19 | 22 | 101716.4 |
| | | 101717.1 | 101717 | 12 | 3/8 | 22 | 14,5 | 12 | 30,5 | 22 | 24 | 101717.4 |
| | | 101718.1 | 101718 | 14 | 1/2 | 24 | 16 | 14 | 34 | 24 | 27 | 101718.4 |
| | 400 | 101719.1 | 101719 | 16 | 1/2 | 24 | 15,5 | 14 | 34 | 27 | 30 | 101719.4 |
| | | 101720.1 | 101720 | 20 | 3/4 | 28 | 17,5 | 16 | 39 | 32 | 36 | 101720.4 |
| | | 101721.1 | 101721 | 25 | 1 | 32 | 20 | 18 | 44 | 41 | 46 | 101721.4 |
| | | 101722.1 | 101722 | 30 | 1 1/4 | 34 | 20,5 | 20 | 47 | 46 | 50 | 101722.4 |
| | | 101723.1 | 101723 | 38 | 1 1/2 | 39 | 23 | 22 | 54 | 55 | 60 | 101723.4 |
| L | 315 | 101724.1 | 101724 | 6 | 1/4 | 15 | 8 | 12 | 22,5 | 14 | 14 | 101724.4 |
| | | 101725.1 | 101725 | 8 | 1/8 | 15 | 8 | 8 | 22 | 14 | 17 | 101725.4 |
| | | 101726.1 | 101726 | 8 | 3/8 | 16 | 9 | 12 | 25 | 19 | 17 | 101726.4 |
| | | 101727.1 | 101727 | 8 | 1/2 | 16 | 9 | 14 | 25 | 22 | 17 | 101727.4 |
| | | 101728.1 | 101728 | 10 | 1/8 | 16 | 9 | 8 | 24 | 17 | 19 | 101728.4 |
| | | 101729.1 | 101729 | 10 | 3/8 | 17 | 10 | 12 | 25 | 19 | 19 | 101729.4 |
| | | 101730.1 | 101730 | 10 | 1/2 | 17 | 10 | 14 | 25 | 22 | 19 | 101730.4 |
| | | 101731.1 | 101731 | 12 | 1/4 | 17 | 10 | 12 | 24,5 | 19 | 22 | 101731.4 |
| | | 101732.1 | 101732 | 12 | 1/2 | 17 | 10 | 14 | 24,5 | 22 | 22 | 101732.4 |
| | | 101733.1 | 101733 | 15 | 3/8 | 18 | 11 | 12 | 26 | 24 | 27 | 101733.4 |
| 101734.1 | 101734 | 18 | 3/4 | 19 | 11,5 | 16 | 28 | 32 | 32 | 101734.4 | | |
| S | 630 | 101735.1 | 101735 | 12 | 1/2 | 22 | 14,5 | 14 | 30,5 | 22 | 24 | 101735.4 |
| | | 101736.1 | 101736 | 14 | 3/8 | 24 | 16 | 12 | 34 | 24 | 27 | 101736.4 |
| | 400 | 101737.1 | 101737 | 16 | 3/8 | 24 | 15,5 | 12 | 34 | 27 | 30 | 101737.4 |
| | | 101738.1 | 101738 | 20 | 1/2 | 28 | 17,5 | 14 | 39 | 32 | 36 | 101738.4 |
| | | 101739.1 | 101739 | 25 | 3/4 | 32 | 20 | 16 | 44 | 41 | 46 | 101739.4 |
| | | 101740.1 | 101740 | 30 | 1 | 34 | 20,5 | 18 | 47 | 46 | 50 | 101740.4 |

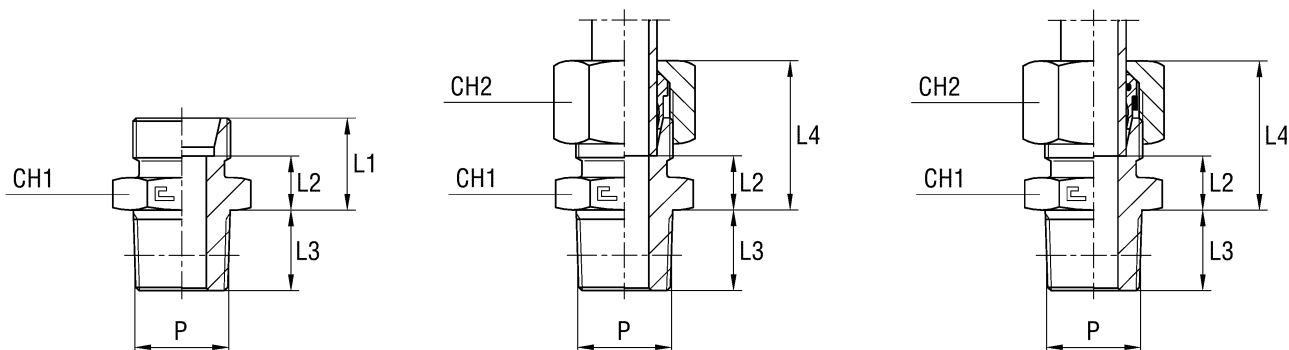
Note: If you wish to order a fitting in stainless steel, please change the first two digit from 10.. to 11..
 Articles not included in ISO 8434-1 norm

MALE STUD COUPLING Thread NPT

Type: 1018...1 Only Body

Type: 1018... B3 Ring

Type: 1018...4 B4 Ring



| Serie | Bar | Ordering Body | Ordering Equipped B3 | Ø Tube | P | L1 | L2 | L3 | L4 | CH1 | CH2 | Ordering Equipped B4 |
|----------|----------|---------------|----------------------|--------|-------|------|------|------|------|----------|----------|----------------------|
| L | 315 | 101804.1 | 101804 | 6 | 1/8 | 14 | 7 | 10 | 22 | 12 | 14 | 101804.4 |
| | | 101805.1 | 101805 | 8 | 1/4 | 15 | 8 | 15 | 23 | 17 | 17 | 101805.4 |
| | | 101806.1 | 101806 | 10 | 1/4 | 16 | 9 | 15 | 24 | 17 | 19 | 101806.4 |
| | | 101807.1 | 101807 | 12 | 3/8 | 17 | 10 | 15 | 24,5 | 19 | 22 | 101807.4 |
| | | 101808.1 | 101808 | 15 | 1/2 | 18,5 | 11,5 | 19,5 | 26,5 | 24 | 27 | 101808.4 |
| | 101809.1 | 101809 | 18 | 1/2 | 19,5 | 12 | 19,5 | 28,5 | 27 | 32 | 101809.4 | |
| | 160 | 101810.1 | 101810 | 22 | 3/4 | 21 | 13,5 | 20 | 30 | 32 | 36 | 101810.4 |
| | | 101811.1 | 101811 | 28 | 1 | 22 | 14,5 | 25 | 31 | 41 | 41 | 101811.4 |
| | | 101812.1 | 101812 | 35 | 1 1/4 | 25,5 | 15 | 25,5 | 36,5 | 46 | 50 | 101812.4 |
| | | 101813.1 | 101813 | 42 | 1 1/2 | 27 | 16 | 26 | 39 | 55 | 60 | 101813.4 |
| S | 630 | 101814.1 | 101814 | 6 | 1/4 | 18 | 11 | 15 | 26 | 17 | 17 | 101814.4 |
| | | 101815.1 | 101815 | 8 | 1/4 | 20 | 13 | 15 | 28 | 17 | 19 | 101815.4 |
| | | 101816.1 | 101816 | 10 | 3/8 | 20 | 12,5 | 15 | 28,5 | 19 | 22 | 101816.4 |
| | | 101817.1 | 101817 | 12 | 3/8 | 22 | 14,5 | 15 | 30,5 | 22 | 24 | 101817.4 |
| | | 101818.1 | 101818 | 14 | 1/2 | 24,5 | 16,5 | 19,5 | 34,5 | 24 | 27 | 101818.4 |
| | 400 | 101819.1 | 101819 | 16 | 1/2 | 24,5 | 16 | 19,5 | 34,5 | 27 | 30 | 101819.4 |
| | | 101820.1 | 101820 | 20 | 3/4 | 28 | 17,5 | 20 | 39 | 32 | 36 | 101820.4 |
| | | 101821.1 | 101821 | 25 | 1 | 32 | 20 | 25 | 44 | 41 | 46 | 101821.4 |
| | | 101822.1 | 101822 | 30 | 1 1/4 | 34,5 | 21 | 25,5 | 47,5 | 46 | 50 | 101822.4 |
| | | 101823.1 | 101823 | 38 | 1 1/2 | 39 | 23 | 26 | 54 | 55 | 60 | 101823.4 |
| L | 315 | 101824.1 | 101824 | 6 | 1/4 | 15 | 8 | 15 | 22,5 | 14 | 14 | 101824.4 |
| | | 101825.1 | 101825 | 8 | 1/8 | 15 | 8 | 10 | 23 | 17 | 17 | 101825.4 |
| | | 101826.1 | 101826 | 8 | 3/8 | 16 | 9 | 15 | 24 | 19 | 17 | 101826.4 |
| | | 101827.1 | 101827 | 8 | 1/2 | 16,5 | 9,5 | 19,5 | 24,5 | 22 | 17 | 101827.4 |
| | | 101828.1 | 101828 | 10 | 1/8 | 16 | 9 | 10 | 24 | 17 | 19 | 101828.4 |
| | | 101829.1 | 101829 | 10 | 3/8 | 17 | 10 | 15 | 25 | 19 | 19 | 101829.4 |
| | | 101830.1 | 101830 | 10 | 1/2 | 17,5 | 10,5 | 19,5 | 25,5 | 22 | 19 | 101830.4 |
| | | 101831.1 | 101831 | 12 | 1/4 | 17 | 10 | 15 | 24,5 | 19 | 22 | 101831.4 |
| | | 101832.1 | 101832 | 12 | 1/2 | 17,5 | 10,5 | 19,5 | 25 | 22 | 22 | 101832.4 |
| | | 101833.1 | 101833 | 15 | 3/8 | 18 | 11 | 15 | 26 | 24 | 27 | 101833.4 |
| S | 630 | 101834.1 | 101834 | 18 | 3/4 | 19 | 11,5 | 20 | 28 | 32 | 32 | 101834.4 |
| | | 101835.1 | 101835 | 12 | 1/2 | 22,5 | 15 | 19,5 | 31 | 22 | 24 | 101835.4 |
| | 400 | 101836.1 | 101836 | 14 | 3/8 | 24 | 16 | 15 | 34 | 24 | 27 | 101836.4 |
| | | 101837.1 | 101837 | 16 | 3/8 | 24 | 15,5 | 15 | 34 | 27 | 30 | 101837.4 |
| | | 101838.1 | 101838 | 20 | 1/2 | 28,5 | 18 | 19,5 | 39,5 | 32 | 36 | 101838.4 |
| | | 101839.1 | 101839 | 25 | 3/4 | 32 | 20 | 20 | 44 | 41 | 46 | 101839.4 |
| 101840.1 | 101840 | 30 | 1 | 34 | 20,5 | 25 | 47 | 46 | 50 | 101840.4 | | |

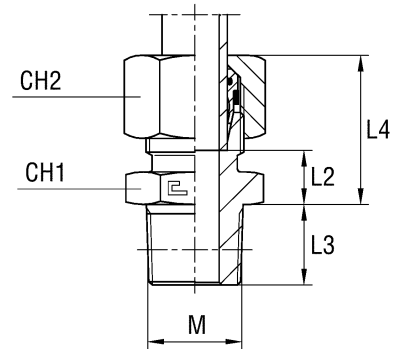
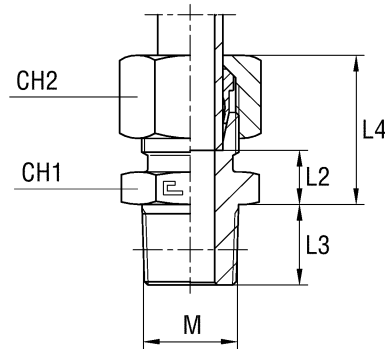
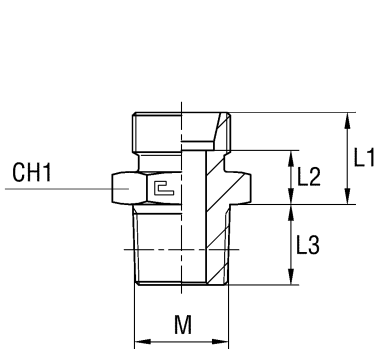
Note: If you wish to order a fitting in stainless steel, please change the first two digit from 10.. to 11..
Articles not included in ISO 8434-1 norm

MALE STUD COUPLING Thread Metric Taper

Type: 1019...1 Only Body

Type: 1019... B3 Ring

Type: 1019...4 B4 Ring



| Serie | Bar | Ordering Body | Ordering Equipped B3 | Ø Tube | M | L1 | L2 | L3 | L4 | CH1 | CH2 | Ordering Equipped B4 |
|-------|-----|---------------|----------------------|--------|--------|----|------|----|------|-----|-----|----------------------|
| L | 315 | 101904.1 | 101904 | 6 | 10x1 | 14 | 7 | 8 | 22 | 12 | 14 | 101904.4 |
| | | 101905.1 | 101905 | 8 | 12x1,5 | 15 | 8 | 12 | 23 | 17 | 17 | 101905.4 |
| | | 101906.1 | 101906 | 10 | 14x1,5 | 16 | 9 | 12 | 24 | 17 | 19 | 101906.4 |
| | | 101907.1 | 101907 | 12 | 16x1,5 | 17 | 10 | 12 | 24,5 | 19 | 22 | 101907.4 |
| | | 101908.1 | 101908 | 15 | 18x1,5 | 18 | 11 | 12 | 26 | 24 | 27 | 101908.4 |
| | | 101909.1 | 101909 | 18 | 22x1,5 | 19 | 11,5 | 14 | 28 | 27 | 32 | 101909.4 |
| S | 630 | 101914.1 | 101914 | 6 | 12x1,5 | 18 | 11 | 12 | 26 | 17 | 17 | 101914.4 |
| | | 101915.1 | 101915 | 8 | 14x1,5 | 20 | 13 | 12 | 28 | 17 | 19 | 101915.4 |
| | | 101916.1 | 101916 | 10 | 16x1,5 | 20 | 12,5 | 12 | 28,5 | 19 | 22 | 101916.4 |
| | | 101917.1 | 101917 | 12 | 18x1,5 | 22 | 14,5 | 12 | 30,5 | 22 | 24 | 101917.4 |
| | | 101918.1 | 101918 | 14 | 20x1,5 | 24 | 16 | 14 | 34 | 24 | 27 | 101918.4 |
| | 400 | 101919.1 | 101919 | 16 | 22x1,5 | 24 | 15,5 | 14 | 34 | 27 | 30 | 101919.4 |

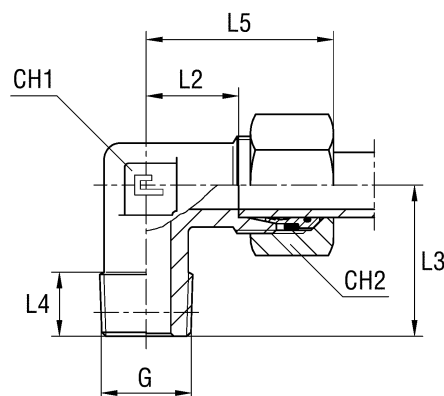
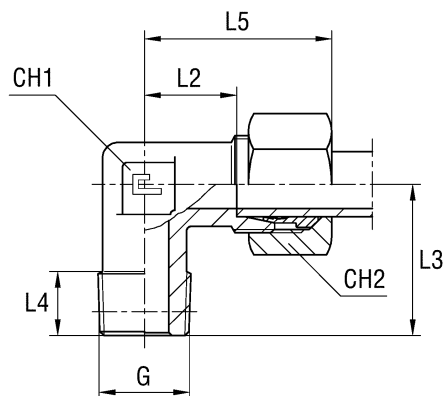
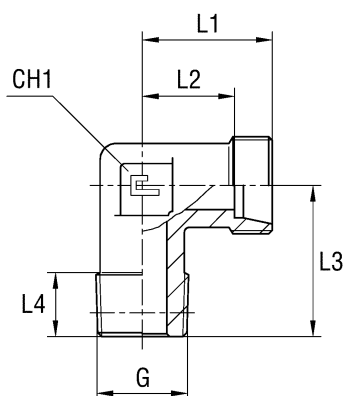
Note: If you wish to order a fitting in stainless steel, please change the first two digit from 10.. to 11..
 Articles not included in ISO 8434-1 norm available on request only

MALE STUD ELBOW Thread BSP Taper

Type: 1020...1 Only Body

Type: 1020.. B3 Ring

Type: 1020...4 B4 Ring



| Serie | Bar | Ordering Body | Ordering Equipped B3 | Ø Tube | G | L1 | L2 | L3 | L4 | L5 | CH1 | CH2 | Ordering Equipped B4 |
|----------|----------|---------------|----------------------|----------|--------|----|------|----|------|----|-----|-----|----------------------|
| LL | 100 | 102001.1 | 102001 | 4 | 1/8 | 15 | 11 | 17 | 8 | 21 | 9 | 10 | - |
| | | 102002.1 | 102002 | 6 | 1/8 | 15 | 9,5 | 17 | 8 | 21 | 9 | 12 | - |
| | | 102003.1 | 102003 | 8 | 1/8 | 17 | 11,5 | 20 | 8 | 23 | 12 | 14 | - |
| L | 315 | 102004.1 | 102004 | 6 | 1/8 | 19 | 12 | 20 | 8 | 27 | 12 | 14 | 102004.4 |
| | | 102005.1 | 102005 | 8 | 1/4 | 21 | 14 | 26 | 12 | 29 | 12 | 17 | 102005.4 |
| | | 102006.1 | 102006 | 10 | 1/4 | 22 | 15 | 27 | 12 | 30 | 14 | 19 | 102006.4 |
| | | 102007.1 | 102007 | 12 | 3/8 | 24 | 17 | 28 | 12 | 32 | 17 | 22 | 102007.4 |
| | | 102008.1 | 102008 | 15 | 1/2 | 28 | 21 | 34 | 14 | 36 | 19 | 27 | 102008.4 |
| | | 102009.1 | 102009 | 18 | 1/2 | 31 | 23,5 | 36 | 14 | 40 | 24 | 32 | 102009.4 |
| | 160 | 102010.1 | 102010 | 22 | 3/4 | 35 | 27,5 | 42 | 16 | 44 | 27 | 36 | 102010.4 |
| | | 102011.1 | 102011 | 28 | 1 | 38 | 30,5 | 48 | 18 | 47 | 36 | 41 | 102011.4 |
| | | 102012.1 | 102012 | 35 | 1 1/4 | 45 | 34,5 | 54 | 20 | 56 | 41 | 50 | 102012.4 |
| | | 102013.1 | 102013 | 42 | 1 1/2 | 51 | 40 | 61 | 22 | 63 | 50 | 60 | 102013.4 |
| S | 630 | 102014.1 | 102014 | 6 | 1/4 | 23 | 16 | 26 | 12 | 31 | 12 | 17 | 102014.4 |
| | | 102015.1 | 102015 | 8 | 1/4 | 24 | 17 | 27 | 12 | 32 | 14 | 19 | 102015.4 |
| | | 102016.1 | 102016 | 10 | 3/8 | 25 | 17,5 | 28 | 12 | 34 | 17 | 22 | 102016.4 |
| | | 102017.1 | 102017 | 12 | 3/8 | 29 | 21,5 | 28 | 12 | 38 | 17 | 24 | 102017.4 |
| | | 102018.1 | 102018 | 14 | 1/2 | 30 | 22 | 32 | 14 | 40 | 19 | 27 | 102018.4 |
| | 400 | 102019.1 | 102019 | 16 | 1/2 | 33 | 24,5 | 32 | 14 | 43 | 24 | 30 | 102019.4 |
| | | 102020.1 | 102020 | 20 | 3/4 | 37 | 26,5 | 42 | 16 | 48 | 27 | 36 | 102020.4 |
| | | 102021.1 | 102021 | 25 | 1 | 42 | 30 | 48 | 18 | 54 | 36 | 46 | 102021.4 |
| | | 102022.1 | 102022 | 30 | 1 1/4 | 49 | 35,5 | 54 | 20 | 62 | 41 | 50 | 102022.4 |
| | | 102023.1 | 102023 | 38 | 1 1/2 | 57 | 41 | 61 | 22 | 72 | 50 | 60 | 102023.4 |
| L | 315 | 102024.1 | 102024 | 6 | 1/4 | 21 | 14 | 26 | 12 | 29 | 12 | 14 | 102024.4 |
| | | 102025.1 | 102025 | 8 | 1/8 | 21 | 14 | 22 | 8 | 29 | 12 | 17 | 102025.4 |
| | | 102026.1 | 102026 | 8 | 3/8 | 23 | 16 | 28 | 12 | 31 | 17 | 17 | 102026.4 |
| | | 102027.1 | 102027 | 8 | 1/2 | 26 | 19 | 34 | 14 | 34 | 19 | 17 | 102027.4 |
| | | 102028.1 | 102028 | 10 | 1/8 | 22 | 15 | 22 | 8 | 30 | 14 | 19 | 102028.4 |
| | | 102029.1 | 102029 | 10 | 3/8 | 24 | 17 | 28 | 12 | 32 | 17 | 19 | 102029.4 |
| | | 102030.1 | 102030 | 10 | 1/2 | 27 | 20 | 34 | 14 | 35 | 19 | 19 | 102030.4 |
| | | 102031.1 | 102031 | 12 | 1/4 | 24 | 17 | 28 | 12 | 32 | 17 | 22 | 102031.4 |
| | | 102032.1 | 102032 | 12 | 1/2 | 27 | 20 | 34 | 14 | 34 | 19 | 22 | 102032.4 |
| | | 102033.1 | 102033 | 15 | 3/8 | 28 | 21 | 30 | 12 | 36 | 19 | 27 | 102033.4 |
| | | 102034.1 | 102034 | 18 | 3/4 | 34 | 26,5 | 42 | 16 | 43 | 27 | 32 | 102034.4 |
| | | S | 630 | 102035.1 | 102035 | 12 | 1/2 | 28 | 20,5 | 32 | 14 | 37 | 19 |
| 102036.1 | 102036 | | | 14 | 3/8 | 30 | 22 | 30 | 12 | 40 | 19 | 27 | 102036.4 |
| 400 | 102037.1 | | 102037 | 16 | 3/8 | 33 | 24,5 | 37 | 12 | 43 | 24 | 30 | 102037.4 |
| | 102038.1 | | 102038 | 20 | 1/2 | 37 | 26,5 | 36 | 14 | 48 | 27 | 36 | 102038.4 |
| | 102039.1 | | 102039 | 25 | 3/4 | 42 | 30 | 42 | 16 | 54 | 36 | 46 | 102039.4 |
| | 102040.1 | | 102040 | 30 | 1 | 49 | 35,5 | 48 | 18 | 62 | 41 | 50 | 102040.4 |

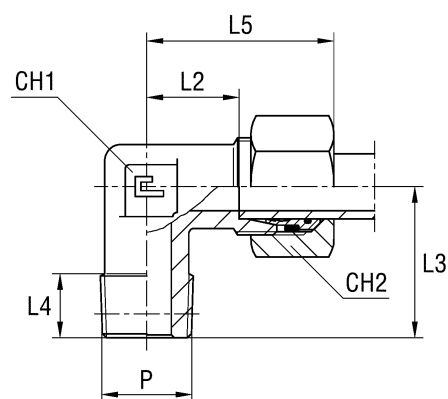
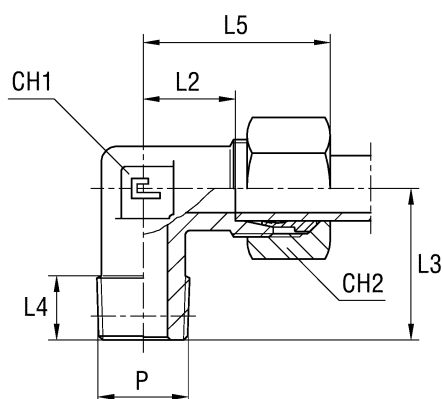
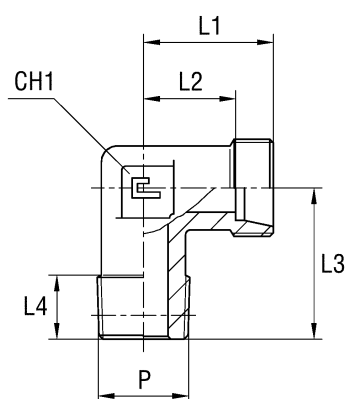
Note: If you wish to order a fitting in stainless steel, please change the first two digit from 10.. to 11..
Articles not included in ISO 8434-1 norm

MALE STUD ELBOW Thread NPT

Type: 1021...1 Only Body

Type: 1021.. B3 Ring

Type: 1021...4 B4 Ring



| Serie | Bar | Ordering Body | Ordering Equipped B3 | Ø Tube | P | L1 | L2 | L3 | L4 | L5 | CH1 | CH2 | Ordering Equipped B4 |
|----------|--------|---------------|----------------------|--------|-------|----|------|----|------|----|----------|-----|----------------------|
| L | 315 | 102104.1 | 102104 | 6 | 1/8 | 19 | 12 | 20 | 10 | 27 | 12 | 14 | 102104.4 |
| | | 102105.1 | 102105 | 8 | 1/4 | 21 | 14 | 26 | 15 | 29 | 12 | 17 | 102105.4 |
| | | 102106.1 | 102106 | 10 | 1/4 | 22 | 15 | 27 | 15 | 30 | 14 | 19 | 102106.4 |
| | | 102107.1 | 102107 | 12 | 3/8 | 24 | 17 | 28 | 15 | 32 | 17 | 22 | 102107.4 |
| | | 102108.1 | 102108 | 15 | 1/2 | 28 | 21 | 34 | 19,5 | 36 | 19 | 27 | 102108.4 |
| | | 102109.1 | 102109 | 18 | 1/2 | 31 | 23,5 | 36 | 19,5 | 40 | 24 | 32 | 102109.4 |
| | 160 | 102110.1 | 102110 | 22 | 3/4 | 35 | 27,5 | 42 | 20 | 44 | 27 | 36 | 102110.4 |
| | | 102111.1 | 102111 | 28 | 1 | 38 | 30,5 | 48 | 25 | 47 | 36 | 41 | 102111.4 |
| | | 102112.1 | 102112 | 35 | 1 1/4 | 45 | 34,5 | 57 | 25,5 | 56 | 41 | 50 | 102112.4 |
| | | 102113.1 | 102113 | 42 | 1 1/2 | 51 | 40 | 61 | 26 | 63 | 50 | 60 | 102113.4 |
| S | 630 | 102114.1 | 102114 | 6 | 1/4 | 23 | 16 | 26 | 15 | 31 | 12 | 17 | 102114.4 |
| | | 102115.1 | 102115 | 8 | 1/4 | 24 | 17 | 27 | 15 | 32 | 14 | 19 | 102115.4 |
| | | 102116.1 | 102116 | 10 | 3/8 | 25 | 17,5 | 28 | 15 | 34 | 17 | 22 | 102116.4 |
| | | 102117.1 | 102117 | 12 | 3/8 | 29 | 21,5 | 28 | 15 | 38 | 17 | 24 | 102117.4 |
| | | 102118.1 | 102118 | 14 | 1/2 | 30 | 22 | 34 | 19,5 | 40 | 19 | 27 | 102118.4 |
| | 400 | 102119.1 | 102119 | 16 | 1/2 | 33 | 24,5 | 36 | 19,5 | 43 | 24 | 30 | 102119.4 |
| | | 102120.1 | 102120 | 20 | 3/4 | 37 | 26,5 | 42 | 20 | 48 | 27 | 36 | 102120.4 |
| | | 102121.1 | 102121 | 25 | 1 | 42 | 30 | 48 | 25 | 54 | 36 | 46 | 102121.4 |
| | | 102122.1 | 102122 | 30 | 1 1/4 | 49 | 35,5 | 57 | 25,5 | 62 | 41 | 50 | 102122.4 |
| | 315 | 102123.1 | 102123 | 38 | 1 1/2 | 57 | 41 | 61 | 26 | 72 | 50 | 60 | 102123.4 |
| L | 315 | 102124.1 | 102124 | 6 | 1/4 | 21 | 14 | 26 | 15 | 29 | 12 | 14 | 102124.4 |
| | | 102125.1 | 102125 | 8 | 1/8 | 21 | 14 | 24 | 10 | 29 | 12 | 17 | 102125.4 |
| | | 102126.1 | 102126 | 8 | 3/8 | 23 | 16 | 28 | 15 | 31 | 17 | 17 | 102126.4 |
| | | 102127.1 | 102127 | 8 | 1/2 | 26 | 19 | 34 | 19,5 | 34 | 19 | 17 | 102127.4 |
| | | 102128.1 | 102128 | 10 | 1/8 | 22 | 15 | 24 | 10 | 30 | 14 | 19 | 102128.4 |
| | | 102129.1 | 102129 | 10 | 3/8 | 24 | 17 | 28 | 15 | 32 | 17 | 19 | 102129.4 |
| | | 102130.1 | 102130 | 10 | 1/2 | 27 | 20 | 34 | 19,5 | 35 | 19 | 19 | 102130.4 |
| | | 102131.1 | 102131 | 12 | 1/4 | 24 | 17 | 28 | 15 | 32 | 17 | 22 | 102131.4 |
| | | 102132.1 | 102132 | 12 | 1/2 | 27 | 20 | 34 | 19,5 | 35 | 19 | 22 | 102132.4 |
| | | 102133.1 | 102133 | 15 | 3/8 | 28 | 21 | 33 | 15 | 36 | 19 | 27 | 102133.4 |
| 102134.1 | 102134 | 18 | 3/4 | 34 | 26,5 | 42 | 20 | 43 | 27 | 32 | 102134.4 | | |
| S | 630 | 102135.1 | 102135 | 12 | 1/2 | 28 | 20,5 | 34 | 19,5 | 37 | 19 | 24 | 102135.4 |
| | | 102136.1 | 102136 | 14 | 3/8 | 30 | 22 | 33 | 15 | 40 | 19 | 27 | 102136.4 |
| | 400 | 102137.1 | 102137 | 16 | 3/8 | 33 | 24,5 | 37 | 15 | 43 | 24 | 30 | 102137.4 |
| | | 102138.1 | 102138 | 20 | 1/2 | 37 | 26,5 | 42 | 19,5 | 48 | 27 | 36 | 102138.4 |
| | | 102139.1 | 102139 | 25 | 3/4 | 42 | 30 | 46 | 20 | 54 | 36 | 46 | 102139.4 |
| | | 102140.1 | 102140 | 30 | 1 | 49 | 35,5 | 55 | 25 | 62 | 41 | 50 | 102140.4 |

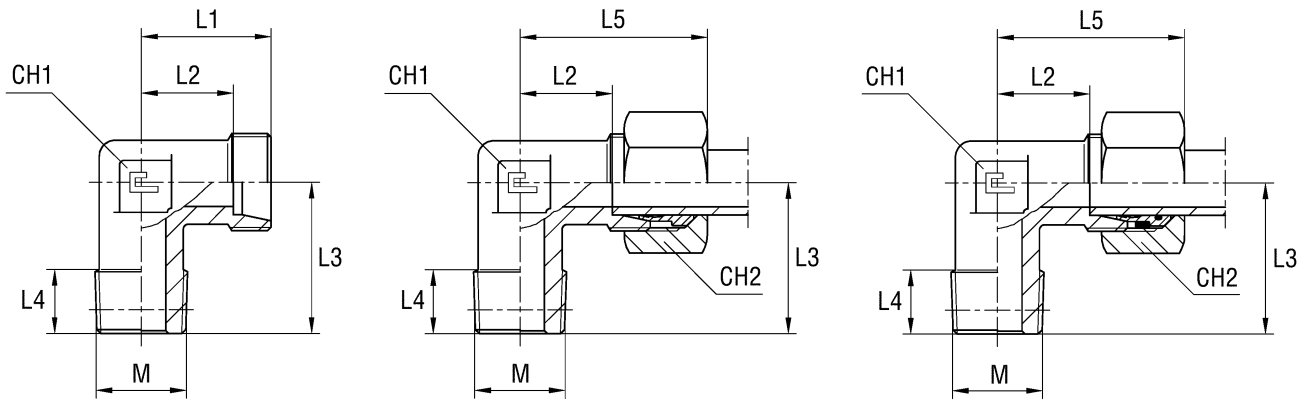
Note: If you wish to order a fitting in stainless steel, please change the first two digit from 10.. to 11..
 Articles not included in ISO 8434-1 norm

MALE STUD ELBOW Thread Metric Taper

Type: 1022...1 Only Body

Type: 1022.. B3 Ring

Type: 1022...4 B4 Ring



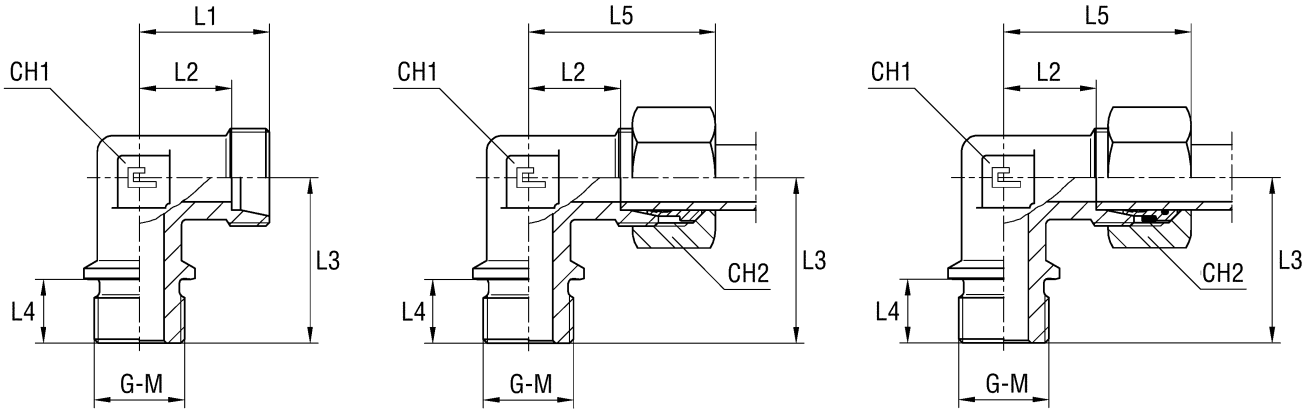
| Serie | Bar | Ordering Body | Ordering Equipped B3 | Ø Tube | M | L1 | L2 | L3 | L4 | L5 | CH1 | CH2 | Ordering Equipped B4 |
|-------|-----|---------------|----------------------|--------|--------|----|------|----|----|----|-----|-----|----------------------|
| L | 315 | 102204.1 | 102204 | 6 | 10x1 | 19 | 12 | 20 | 8 | 27 | 12 | 14 | 102204.4 |
| | | 102205.1 | 102205 | 8 | 12x1,5 | 21 | 14 | 26 | 12 | 29 | 12 | 17 | 102205.4 |
| | | 102206.1 | 102206 | 10 | 14x1,5 | 22 | 15 | 27 | 12 | 30 | 14 | 19 | 102206.4 |
| | | 102207.1 | 102207 | 12 | 16x1,5 | 24 | 17 | 28 | 12 | 32 | 17 | 22 | 102207.4 |
| | | 102208.1 | 102208 | 15 | 18x1,5 | 28 | 21 | 32 | 12 | 36 | 19 | 27 | 102208.4 |
| | | 102209.1 | 102209 | 18 | 22x1,5 | 31 | 23,5 | 36 | 14 | 40 | 24 | 32 | 102209.4 |
| S | 630 | 102214.1 | 102214 | 6 | 12x1,5 | 23 | 16 | 26 | 12 | 31 | 12 | 17 | 102214.4 |
| | | 102215.1 | 102215 | 8 | 14x1,5 | 24 | 17 | 27 | 12 | 32 | 14 | 19 | 102215.4 |
| | | 102216.1 | 102216 | 10 | 16x1,5 | 25 | 17,5 | 28 | 12 | 34 | 17 | 22 | 102216.4 |
| | | 102217.1 | 102217 | 12 | 18x1,5 | 29 | 21,5 | 28 | 12 | 38 | 17 | 24 | 102217.4 |
| | | 102218.1 | 102218 | 14 | 20x1,5 | 30 | 22 | 32 | 14 | 40 | 19 | 27 | 102218.4 |
| | 400 | 102219.1 | 102219 | 16 | 22x1,5 | 33 | 24,5 | 32 | 14 | 43 | 24 | 30 | 102219.4 |

Note: If you wish to order a fitting in stainless steel, please change the first two digit from 10.. to 11..
Articles not included in ISO 8434-1 norm available on request only

MALE STUD ELBOW Thread BSP Parallel - Thread Metric Parallel

 Type: **1023...1** Only Body
 Type: **1024...1** Only Body

 Type: **1023..** B3 Ring
 Type: **1024..** B3 Ring

 Type: **1023...4** B4 Ring
 Type: **1024...4** B4 Ring


| Serie | Bar | Ordering Body | Ordering Equipped B3 | Ø Tube | G | L1 | L2 | L3 | L4 | L5 | CH1 | CH2 | Ordering Equipped B4 |
|-------|-----|---------------|----------------------|--------|-------|----|------|------|----|----|-----|-----|----------------------|
| L | 160 | 102310.1 | 102310 | 22 | 3/4 | 35 | 27,5 | 43,5 | 15 | 44 | 27 | 36 | 102310.4 |
| | | 102311.1 | 102311 | 28 | 1 | 38 | 30,5 | 49 | 17 | 47 | 36 | 41 | 102311.4 |
| | | 102312.1 | 102312 | 35 | 1 1/4 | 45 | 34,5 | 57 | 19 | 56 | 41 | 50 | 102312.4 |
| | | 102313.1 | 102313 | 42 | 1 1/2 | 51 | 40 | 64 | 20 | 63 | 50 | 60 | 102313.4 |
| S | 400 | 102320.1 | 102320 | 20 | 3/4 | 37 | 26,5 | 43,5 | 15 | 48 | 27 | 36 | 102320.4 |
| | | 102321.1 | 102321 | 25 | 1 | 42 | 30 | 49 | 17 | 54 | 36 | 46 | 102321.4 |
| | | 102322.1 | 102322 | 30 | 1 1/4 | 49 | 35,5 | 57 | 19 | 62 | 41 | 50 | 102322.4 |
| | | 102323.1 | 102323 | 38 | 1 1/2 | 57 | 41 | 64 | 20 | 72 | 50 | 60 | 102323.4 |

Note: If you wish to order a fitting in stainless steel, please change the first two digit from 10.. to 11..
 Articles not included in ISO 8434-1 norm available on request only

| Serie | Bar | Ordering Body | Ordering Equipped B3 | Ø Tube | M | L1 | L2 | L3 | L4 | L5 | CH1 | CH2 | Ordering Equipped B4 |
|-------|-----|---------------|----------------------|--------|--------|----|------|------|----|----|-----|-----|----------------------|
| L | 160 | 102410.1 | 102410 | 22 | 26x1,5 | 35 | 27,5 | 43,5 | 15 | 44 | 27 | 36 | 102410.4 |
| | | 102411.1 | 102411 | 28 | 33x2 | 38 | 30,5 | 49 | 17 | 47 | 36 | 41 | 102411.4 |
| | | 102412.1 | 102412 | 35 | 42x2 | 45 | 34,5 | 57 | 19 | 56 | 41 | 50 | 102412.4 |
| | | 102413.1 | 102413 | 42 | 48x2 | 51 | 40 | 64 | 20 | 63 | 50 | 60 | 102413.4 |
| S | 400 | 102420.1 | 102420 | 20 | 27x2 | 37 | 26,5 | 43,5 | 15 | 48 | 27 | 36 | 102420.4 |
| | | 102421.1 | 102421 | 25 | 33x2 | 42 | 30 | 49 | 17 | 54 | 36 | 46 | 102421.4 |
| | | 102422.1 | 102422 | 30 | 42x2 | 49 | 35,5 | 57 | 19 | 62 | 41 | 50 | 102422.4 |
| | | 102423.1 | 102423 | 38 | 48x2 | 57 | 41 | 64 | 20 | 72 | 50 | 60 | 102423.4 |

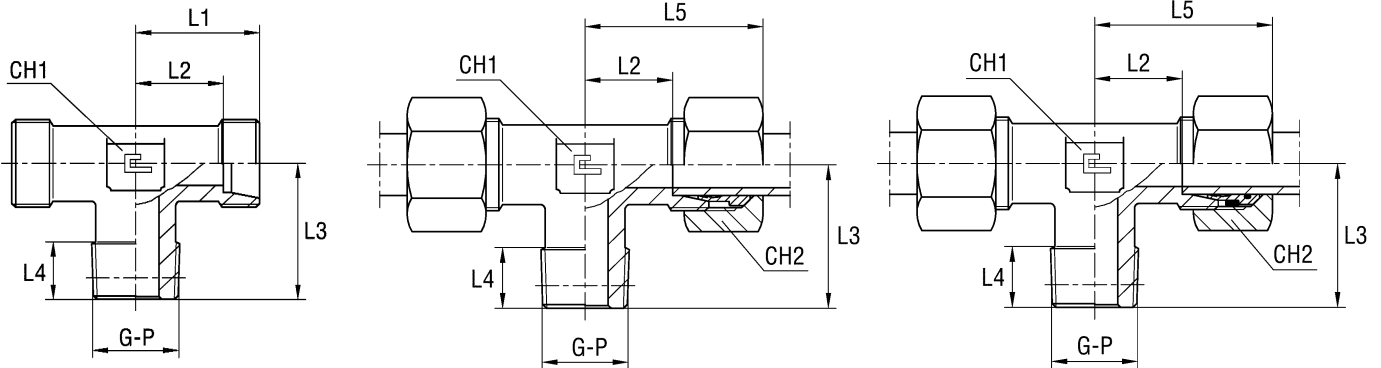
Note: If you wish to order a fitting in stainless steel, please change the first two digit from 10.. to 11..
 Articles not included in ISO 8434-1 norm available on request only

MALE STUD BRANCH TEE Thread BSP Taper - Thread NPT

Type: 1025...1 Only Body
Type: 1026...1 Only Body

Type: 1025... B3 Ring
Type: 1026... B3 Ring

Type: 1025...4 B4 Ring
Type: 1026...4 B4 Ring



| Serie | Bar | Ordering Body | Ordering Equipped B3 | Ø Tube | G | L1 | L2 | L3 | L4 | L5 | CH1 | CH2 | Ordering Equipped B4 |
|-------|-----|---------------|----------------------|--------|-------|----|------|----|----|----|-----|-----|----------------------|
| LL | 100 | 102501.1 | 102501 | 4 | 1/8 | 15 | 11 | 17 | 8 | 21 | 9 | 10 | - |
| | | 102502.1 | 102502 | 6 | 1/8 | 15 | 9,5 | 17 | 8 | 21 | 9 | 12 | - |
| | | 102503.1 | 102503 | 8 | 1/8 | 17 | 11,5 | 20 | 8 | 23 | 12 | 14 | - |
| L | 315 | 102504.1 | 102504 | 6 | 1/8 | 19 | 12 | 20 | 8 | 27 | 12 | 14 | 102504.4 |
| | | 102505.1 | 102505 | 8 | 1/4 | 21 | 14 | 26 | 12 | 29 | 12 | 17 | 102505.4 |
| | | 102506.1 | 102506 | 10 | 1/4 | 22 | 15 | 27 | 12 | 30 | 14 | 19 | 102506.4 |
| | | 102507.1 | 102507 | 12 | 3/8 | 24 | 17 | 28 | 12 | 32 | 17 | 22 | 102507.4 |
| | | 102508.1 | 102508 | 15 | 1/2 | 28 | 21 | 34 | 14 | 36 | 19 | 27 | 102508.4 |
| | | 102509.1 | 102509 | 18 | 1/2 | 31 | 23,5 | 36 | 14 | 40 | 24 | 32 | 102509.4 |
| | 160 | 102510.1 | 102510 | 22 | 3/4 | 35 | 27,5 | 42 | 16 | 44 | 27 | 36 | 102510.4 |
| | | 102511.1 | 102511 | 28 | 1 | 38 | 30,5 | 48 | 18 | 47 | 36 | 41 | 102511.4 |
| | | 102512.1 | 102512 | 35 | 1 1/4 | 45 | 34,5 | 54 | 20 | 56 | 41 | 50 | 102512.4 |
| | | 102513.1 | 102513 | 42 | 1 1/2 | 51 | 40 | 61 | 22 | 63 | 50 | 60 | 102513.4 |
| S | 630 | 102514.1 | 102514 | 6 | 1/4 | 23 | 16 | 26 | 12 | 31 | 12 | 17 | 102514.4 |
| | | 102515.1 | 102515 | 8 | 1/4 | 24 | 17 | 27 | 12 | 32 | 14 | 19 | 102515.4 |
| | | 102516.1 | 102516 | 10 | 3/8 | 25 | 17,5 | 28 | 12 | 34 | 17 | 22 | 102516.4 |
| | | 102517.1 | 102517 | 12 | 3/8 | 29 | 21,5 | 28 | 12 | 38 | 17 | 24 | 102517.4 |
| | | 102518.1 | 102518 | 14 | 1/2 | 30 | 22 | 32 | 14 | 40 | 19 | 27 | 102518.4 |
| | 400 | 102519.1 | 102519 | 16 | 1/2 | 33 | 24,5 | 32 | 14 | 43 | 24 | 30 | 102519.4 |
| | | 102520.1 | 102520 | 20 | 3/4 | 37 | 26,5 | 42 | 16 | 48 | 27 | 36 | 102520.4 |
| | | 102521.1 | 102521 | 25 | 1 | 42 | 30 | 48 | 18 | 54 | 36 | 46 | 102521.4 |
| | | 102522.1 | 102522 | 30 | 1 1/4 | 49 | 35,5 | 54 | 20 | 62 | 41 | 50 | 102522.4 |
| | | 102523.1 | 102523 | 38 | 1 1/2 | 57 | 41 | 61 | 22 | 72 | 50 | 60 | 102523.4 |

Note: If you wish to order a fitting in stainless steel, please change the first two digit from 10.. to 11..
Articles not included in ISO 8434-1 norm available on scheduled orders only

| Serie | Bar | Ordering Body | Ordering Equipped B3 | Ø Tube | P | L1 | L2 | L3 | L4 | L5 | CH1 | CH2 | Ordering Equipped B4 |
|-------|-----|---------------|----------------------|--------|-------|----|------|----|------|----|-----|-----|----------------------|
| L | 315 | 102604.1 | 102604 | 6 | 1/8 | 19 | 12 | 20 | 10 | 27 | 12 | 14 | 102604.4 |
| | | 102605.1 | 102605 | 8 | 1/4 | 21 | 14 | 26 | 15 | 29 | 12 | 17 | 102605.4 |
| | | 102606.1 | 102606 | 10 | 1/4 | 22 | 15 | 27 | 15 | 30 | 14 | 19 | 102606.4 |
| | | 102607.1 | 102607 | 12 | 3/8 | 24 | 17 | 28 | 15 | 32 | 17 | 22 | 102607.4 |
| | | 102608.1 | 102608 | 15 | 1/2 | 28 | 21 | 34 | 19,5 | 36 | 19 | 27 | 102608.4 |
| | | 102609.1 | 102609 | 18 | 1/2 | 31 | 23,5 | 36 | 19,5 | 40 | 24 | 32 | 102609.4 |
| | 160 | 102610.1 | 102610 | 22 | 3/4 | 35 | 27,5 | 42 | 20 | 44 | 27 | 36 | 102610.4 |
| | | 102611.1 | 102611 | 28 | 1 | 38 | 30,5 | 48 | 25 | 47 | 36 | 41 | 102611.4 |
| | | 102612.1 | 102612 | 35 | 1 1/4 | 45 | 34,5 | 57 | 25,5 | 56 | 41 | 50 | 102612.4 |
| | | 102613.1 | 102613 | 42 | 1 1/2 | 51 | 40 | 61 | 26 | 63 | 50 | 60 | 102613.4 |
| S | 630 | 102614.1 | 102614 | 6 | 1/4 | 23 | 16 | 26 | 15 | 31 | 12 | 17 | 102614.4 |
| | | 102615.1 | 102615 | 8 | 1/4 | 24 | 17 | 27 | 15 | 32 | 14 | 19 | 102615.4 |
| | | 102616.1 | 102616 | 10 | 3/8 | 25 | 17,5 | 28 | 15 | 34 | 17 | 22 | 102616.4 |
| | | 102617.1 | 102617 | 12 | 3/8 | 29 | 21,5 | 28 | 15 | 38 | 17 | 24 | 102617.4 |
| | | 102618.1 | 102618 | 14 | 1/2 | 30 | 22 | 34 | 19,5 | 40 | 19 | 27 | 102618.4 |
| | 400 | 102619.1 | 102619 | 16 | 1/2 | 33 | 24,5 | 36 | 19,5 | 43 | 24 | 30 | 102619.4 |
| | | 102620.1 | 102620 | 20 | 3/4 | 37 | 26,5 | 42 | 20 | 48 | 27 | 36 | 102620.4 |
| | | 102621.1 | 102621 | 25 | 1 | 42 | 30 | 48 | 25 | 54 | 36 | 46 | 102621.4 |
| | | 102622.1 | 102622 | 30 | 1 1/4 | 49 | 35,5 | 57 | 25,5 | 62 | 41 | 50 | 102622.4 |
| | | 102623.1 | 102623 | 38 | 1 1/2 | 57 | 41 | 61 | 26 | 72 | 50 | 60 | 102623.4 |

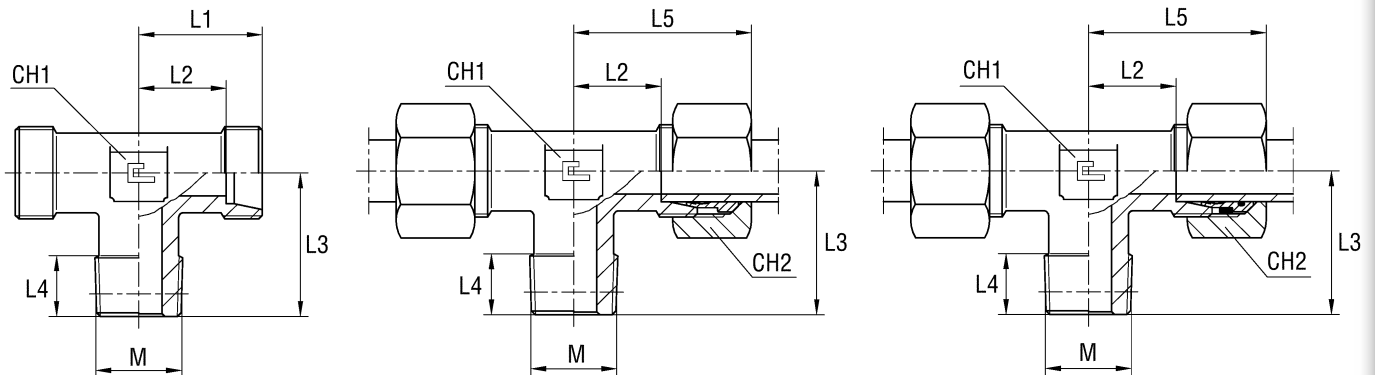
Note: If you wish to order a fitting in stainless steel, please change the first two digit from 10.. to 11..
Articles not included in ISO 8434-1 norm available on scheduled orders only

MALE STUD BRANCH TEE Thread Metric Taper

Type: 1027...1 Only Body

Type: 1027... B3 Ring

Type: 1027...4 B4 Ring



| Serie | Bar | Ordering Body | Ordering Equipped B3 | Ø Tube | M | L1 | L2 | L3 | L4 | L5 | CH1 | CH2 | Ordering Equipped B4 |
|-------|-----|---------------|----------------------|--------|--------|--------|------|------|----|----|-----|-----|----------------------|
| L | 315 | 102704.1 | 102704 | 6 | 10x1 | 19 | 12 | 20 | 8 | 27 | 12 | 14 | 102704.4 |
| | | 102705.1 | 102705 | 8 | 12x1,5 | 21 | 14 | 26 | 12 | 29 | 12 | 17 | 102705.4 |
| | | 102706.1 | 102706 | 10 | 14x1,5 | 22 | 15 | 27 | 12 | 30 | 14 | 19 | 102706.4 |
| | | 102707.1 | 102707 | 12 | 16x1,5 | 24 | 17 | 28 | 12 | 32 | 17 | 22 | 102707.4 |
| | | 102708.1 | 102708 | 15 | 18x1,5 | 28 | 21 | 32 | 12 | 36 | 19 | 27 | 102708.4 |
| | | 102709.1 | 102709 | 18 | 22x1,5 | 31 | 23,5 | 36 | 14 | 40 | 24 | 32 | 102709.4 |
| S | 630 | 102714.1 | 102714 | 6 | 12x1,5 | 23 | 16 | 26 | 12 | 31 | 12 | 17 | 102714.4 |
| | | 102715.1 | 102715 | 8 | 14x1,5 | 24 | 17 | 27 | 12 | 32 | 14 | 19 | 102715.4 |
| | | 102716.1 | 102716 | 10 | 16x1,5 | 25 | 17,5 | 28 | 12 | 34 | 17 | 22 | 102716.4 |
| | | 102717.1 | 102717 | 12 | 18x1,5 | 29 | 21,5 | 28 | 12 | 38 | 17 | 24 | 102717.4 |
| | | 102718.1 | 102718 | 14 | 20x1,5 | 30 | 22 | 32 | 14 | 40 | 19 | 27 | 102718.4 |
| | | 400 | 102719.1 | 102719 | 16 | 22x1,5 | 33 | 24,5 | 32 | 14 | 43 | 24 | 30 |

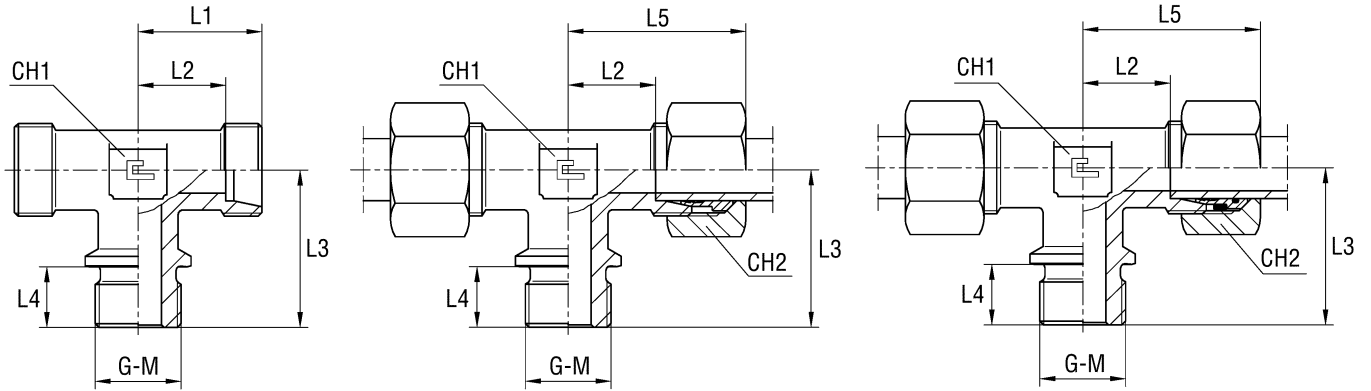
Note: If you wish to order a fitting in stainless steel, please change the first two digit from 10.. to 11..
 Articles not included in ISO 8434-1 norm available on request only

MALE STUD BRANCH TEE Thread BSP Parallel - Thread Metric Parallel

Type: 1028...1 Only Body
Type: 1029...1 Only Body

Type: 1028.. B3 Ring
Type: 1029.. B3 Ring

Type: 1028...4 B4 Ring
Type: 1029...4 B4 Ring



| Serie | Bar | Ordering Body | Ordering Equipped B3 | Ø Tube | G | L1 | L2 | L3 | L4 | L5 | CH1 | CH2 | Ordering Equipped B4 |
|-------|-----|---------------|----------------------|--------|-------|----|------|------|----|----|-----|-----|----------------------|
| L | 160 | 102810.1 | 102810 | 22 | 3/4 | 35 | 27,5 | 43,5 | 15 | 44 | 27 | 36 | 102810.4 |
| | | 102811.1 | 102811 | 28 | 1 | 38 | 30,5 | 49 | 17 | 47 | 36 | 41 | 102811.4 |
| | | 102812.1 | 102812 | 35 | 1 1/4 | 45 | 34,5 | 57 | 19 | 56 | 41 | 50 | 102812.4 |
| | | 102813.1 | 102813 | 42 | 1 1/2 | 51 | 40 | 64 | 20 | 63 | 50 | 60 | 102813.4 |
| S | 400 | 102820.1 | 102820 | 20 | 3/4 | 37 | 26,5 | 43,5 | 15 | 48 | 27 | 36 | 102820.4 |
| | | 102821.1 | 102821 | 25 | 1 | 42 | 30 | 49 | 17 | 54 | 36 | 46 | 102821.4 |
| | | 102822.1 | 102822 | 30 | 1 1/4 | 49 | 35,5 | 57 | 19 | 62 | 41 | 50 | 102822.4 |
| | | 102823.1 | 102823 | 38 | 1 1/2 | 57 | 41 | 64 | 20 | 72 | 50 | 60 | 102823.4 |

Note: If you wish to order a fitting in stainless steel, please change the first two digit from 10.. to 11..
Articles not included in ISO 8434-1 norm available on request only

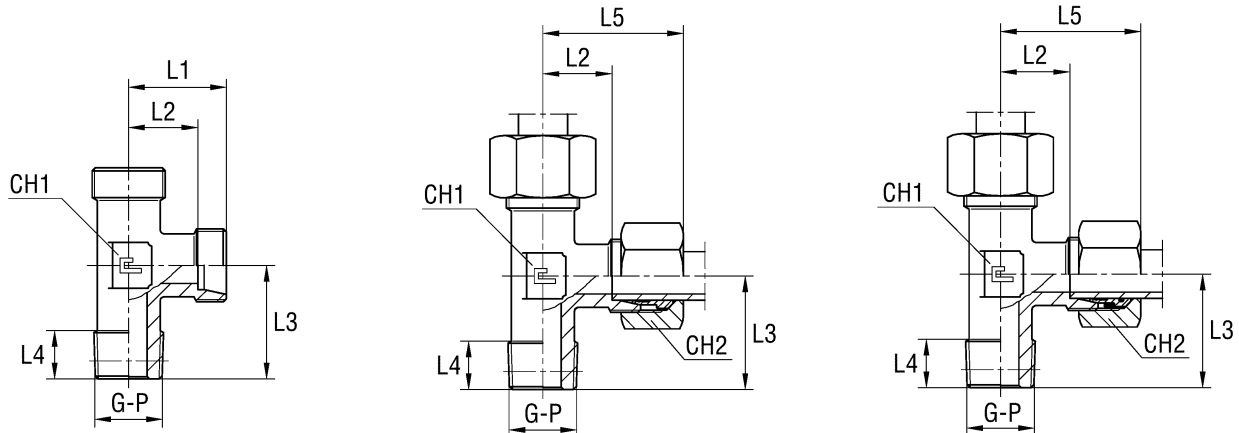
| Serie | Bar | Ordering Body | Ordering Equipped B3 | Ø Tube | M | L1 | L2 | L3 | L4 | L5 | CH1 | CH2 | Ordering Equipped B4 |
|-------|-----|---------------|----------------------|--------|--------|----|------|------|----|----|-----|-----|----------------------|
| L | 160 | 102910.1 | 102910 | 22 | 26x1,5 | 35 | 27,5 | 43,5 | 15 | 44 | 27 | 36 | 102910.4 |
| | | 102911.1 | 102911 | 28 | 33x2 | 38 | 30,5 | 49 | 17 | 47 | 36 | 41 | 102911.4 |
| | | 102912.1 | 102912 | 35 | 42x2 | 45 | 34,5 | 57 | 19 | 56 | 41 | 50 | 102912.4 |
| | | 102913.1 | 102913 | 42 | 48x2 | 51 | 40 | 64 | 20 | 63 | 50 | 60 | 102913.4 |
| S | 400 | 102920.1 | 102920 | 20 | 27x2 | 37 | 26,5 | 43,5 | 15 | 48 | 27 | 36 | 102920.4 |
| | | 102921.1 | 102921 | 25 | 33x2 | 42 | 30 | 49 | 17 | 54 | 36 | 46 | 102921.4 |
| | | 102922.1 | 102922 | 30 | 42x2 | 49 | 35,5 | 57 | 19 | 62 | 41 | 50 | 102922.4 |
| | | 102923.1 | 102923 | 38 | 48x2 | 57 | 41 | 64 | 20 | 72 | 50 | 60 | 102923.4 |

Note: If you wish to order a fitting in stainless steel, please change the first two digit from 10.. to 11..
Articles not included in ISO 8434-1 norm available on request only

MALE STUD BARREL TEE Thread BSP Taper - Thread NPT

 Type: 1030...1 Only Body
 Type: 1031...1 Only Body

 Type: 1030... B3 Ring
 Type: 1031... B3 Ring

 Type: 1030...4 B4 Ring
 Type: 1031...4 B4 Ring


| Serie | Bar | Ordering Body | Ordering Equipped B3 | Ø Tube | G | L1 | L2 | L3 | L4 | L5 | CH1 | CH2 | Ordering Equipped B4 | |
|-------|-----|---------------|----------------------|--------|-------|-------|------|----|----|----|-----|-----|----------------------|----------|
| LL | 100 | 103001.1 | 103001 | 4 | 1/8 | 15 | 11 | 17 | 8 | 21 | 9 | 10 | 103001.4 | |
| | | 103002.1 | 103002 | 6 | 1/8 | 15 | 9,5 | 17 | 8 | 21 | 9 | 12 | 103002.4 | |
| | | 103003.1 | 103003 | 8 | 1/8 | 17 | 11,5 | 20 | 8 | 23 | 12 | 14 | 103003.4 | |
| L | 315 | 103004.1 | 103004 | 6 | 1/8 | 19 | 12 | 20 | 8 | 27 | 12 | 14 | 103004.4 | |
| | | 103005.1 | 103005 | 8 | 1/4 | 21 | 14 | 26 | 12 | 29 | 12 | 17 | 103005.4 | |
| | | 103006.1 | 103006 | 10 | 1/4 | 22 | 15 | 27 | 12 | 30 | 14 | 19 | 103006.4 | |
| | | 103007.1 | 103007 | 12 | 3/8 | 24 | 17 | 28 | 12 | 32 | 17 | 22 | 103007.4 | |
| | | 103008.1 | 103008 | 15 | 1/2 | 28 | 21 | 34 | 14 | 36 | 19 | 27 | 103008.4 | |
| | | 103009.1 | 103009 | 18 | 1/2 | 31 | 23,5 | 36 | 14 | 40 | 24 | 32 | 103009.4 | |
| | | 103010.1 | 103010 | 22 | 3/4 | 35 | 27,5 | 42 | 16 | 44 | 27 | 36 | 103010.4 | |
| | 160 | 103011.1 | 103011 | 28 | 1 | 38 | 30,5 | 48 | 18 | 47 | 36 | 41 | 103011.4 | |
| | | 103012.1 | 103012 | 35 | 1 1/4 | 45 | 34,5 | 54 | 20 | 56 | 41 | 50 | 103012.4 | |
| | | 103013.1 | 103013 | 42 | 1 1/2 | 51 | 40 | 61 | 22 | 63 | 50 | 60 | 103013.4 | |
| S | 630 | 103014.1 | 103014 | 6 | 1/4 | 23 | 16 | 26 | 12 | 31 | 12 | 17 | 103014.4 | |
| | | 103015.1 | 103015 | 8 | 1/4 | 24 | 17 | 27 | 12 | 32 | 14 | 19 | 103015.4 | |
| | | 103016.1 | 103016 | 10 | 3/8 | 25 | 17,5 | 28 | 12 | 34 | 17 | 22 | 103016.4 | |
| | | 103017.1 | 103017 | 12 | 3/8 | 29 | 21,5 | 28 | 12 | 38 | 17 | 24 | 103017.4 | |
| | | 103018.1 | 103018 | 14 | 1/2 | 30 | 22 | 32 | 14 | 40 | 19 | 27 | 103018.4 | |
| | 400 | 103019.1 | 103019 | 16 | 1/2 | 33 | 24,5 | 32 | 14 | 43 | 24 | 30 | 103019.4 | |
| | | 103020.1 | 103020 | 20 | 3/4 | 37 | 26,5 | 42 | 16 | 48 | 27 | 36 | 103020.4 | |
| | | 103021.1 | 103021 | 25 | 1 | 42 | 30 | 48 | 18 | 54 | 36 | 46 | 103021.4 | |
| | | 103022.1 | 103022 | 30 | 1 1/4 | 49 | 35,5 | 54 | 20 | 62 | 41 | 50 | 103022.4 | |
| | | 315 | 103023.1 | 103023 | 38 | 1 1/2 | 57 | 41 | 61 | 22 | 72 | 50 | 60 | 103023.4 |

Note: If you wish to order a fitting in stainless steel, please change the first two digit from 10.. to 11..
 Articles not included in ISO 8434-1 norm available on scheduled orders only

| Serie | Bar | Ordering Body | Ordering Equipped B3 | Ø Tube | P | L1 | L2 | L3 | L4 | L5 | CH1 | CH2 | Ordering Equipped B4 |
|-------|----------|---------------|----------------------|--------|-------|----|------|----|------|----|-----|----------|----------------------|
| L | 315 | 103104.1 | 103104 | 6 | 1/8 | 19 | 12 | 20 | 10 | 27 | 12 | 14 | 103104.4 |
| | | 103105.1 | 103105 | 8 | 1/4 | 21 | 14 | 26 | 15 | 29 | 12 | 17 | 103105.4 |
| | | 103106.1 | 103106 | 10 | 1/4 | 22 | 15 | 27 | 15 | 30 | 14 | 19 | 103106.4 |
| | | 103107.1 | 103107 | 12 | 3/8 | 24 | 17 | 28 | 15 | 32 | 17 | 22 | 103107.4 |
| | | 103108.1 | 103108 | 15 | 1/2 | 28 | 21 | 34 | 19,5 | 36 | 19 | 27 | 103108.4 |
| | | 103109.1 | 103109 | 18 | 1/2 | 31 | 23,5 | 36 | 19,5 | 40 | 24 | 32 | 103109.4 |
| | 160 | 103110.1 | 103110 | 22 | 3/4 | 35 | 27,5 | 42 | 20 | 44 | 27 | 36 | 103110.4 |
| | | 103111.1 | 103111 | 28 | 1 | 38 | 30,5 | 48 | 25 | 47 | 36 | 41 | 103111.4 |
| S | 630 | 103112.1 | 103112 | 35 | 1 1/4 | 45 | 34,5 | 57 | 25,5 | 56 | 41 | 50 | 103112.4 |
| | | 103113.1 | 103113 | 42 | 1 1/2 | 51 | 40 | 61 | 26 | 63 | 50 | 60 | 103113.4 |
| | | 103114.1 | 103114 | 6 | 1/4 | 23 | 16 | 26 | 15 | 31 | 12 | 17 | 103114.4 |
| | | 103115.1 | 103115 | 8 | 1/4 | 24 | 17 | 27 | 15 | 32 | 14 | 19 | 103115.4 |
| | | 103116.1 | 103116 | 10 | 3/8 | 25 | 17,5 | 28 | 15 | 34 | 17 | 22 | 103116.4 |
| | 400 | 103117.1 | 103117 | 12 | 3/8 | 29 | 21,5 | 28 | 15 | 38 | 17 | 24 | 103117.4 |
| | | 103118.1 | 103118 | 14 | 1/2 | 30 | 22 | 34 | 19,5 | 40 | 19 | 27 | 103118.4 |
| | | 103119.1 | 103119 | 16 | 1/2 | 33 | 24,5 | 36 | 19,5 | 43 | 24 | 30 | 103119.4 |
| | | 103120.1 | 103120 | 20 | 3/4 | 37 | 26,5 | 42 | 20 | 48 | 27 | 36 | 103120.4 |
| | | 103121.1 | 103121 | 25 | 1 | 42 | 30 | 48 | 25 | 54 | 36 | 46 | 103121.4 |
| | | 103122.1 | 103122 | 30 | 1 1/4 | 49 | 35,5 | 57 | 25,5 | 62 | 41 | 50 | 103122.4 |
| 315 | 103123.1 | 103123 | 38 | 1 1/2 | 57 | 41 | 61 | 26 | 72 | 50 | 60 | 103123.4 | |

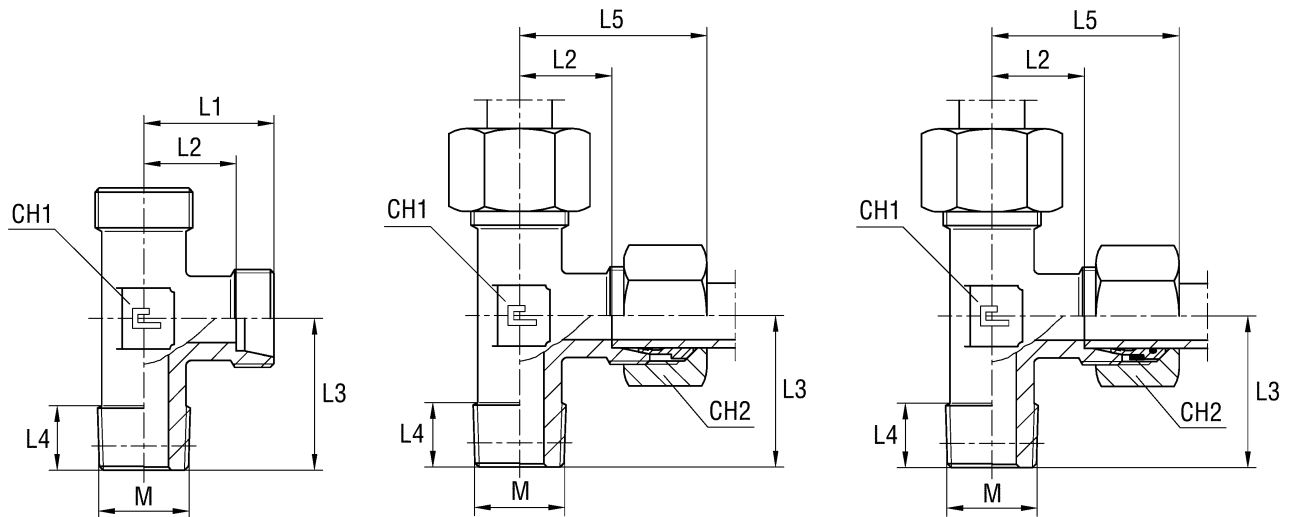
Note: If you wish to order a fitting in stainless steel, please change the first two digit from 10.. to 11..
 Articles not included in ISO 8434-1 norm available on scheduled orders only

MALE STUD BARREL TEE Thread Metric Taper

Type: 1032...1 Only Body

Type: 1032.. B3 Ring

Type: 1032...4 B4 Ring



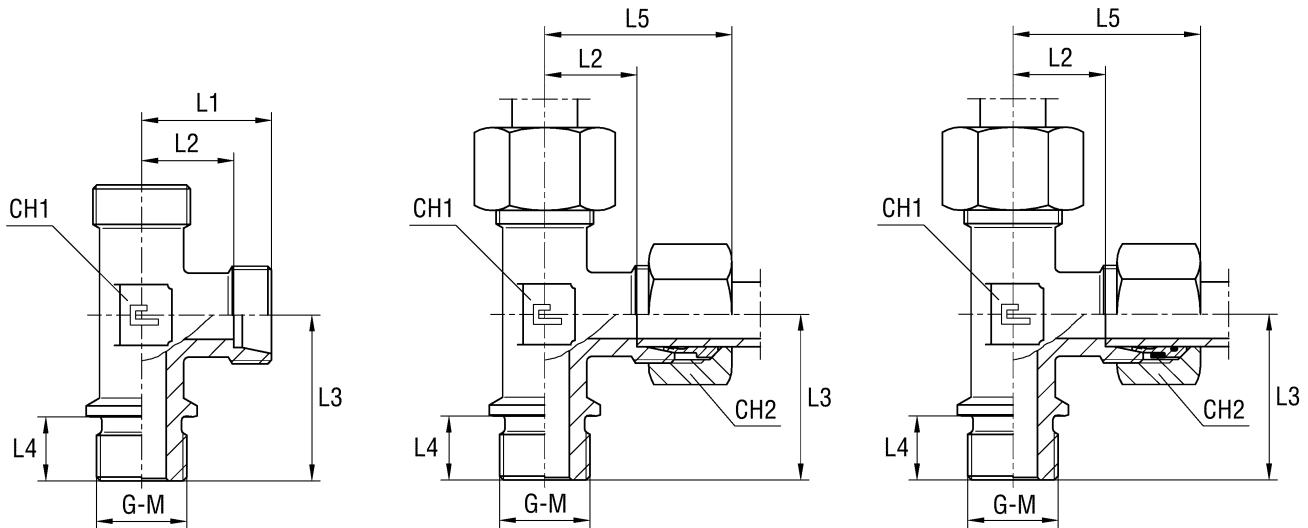
| Serie | Bar | Ordering Body | Ordering Equipped B3 | Ø Tube | M | L1 | L2 | L3 | L4 | L5 | CH1 | CH2 | Ordering Equipped B4 |
|-------|-----|---------------|----------------------|--------|--------|----|------|----|----|----|-----|-----|----------------------|
| L | 315 | 103204.1 | 103204 | 6 | 10x1 | 19 | 12 | 20 | 8 | 27 | 12 | 14 | 103204.4 |
| | | 103205.1 | 103205 | 8 | 12x1,5 | 21 | 14 | 26 | 12 | 29 | 12 | 17 | 103205.4 |
| | | 103206.1 | 103206 | 10 | 14x1,5 | 22 | 15 | 27 | 12 | 30 | 14 | 19 | 103206.4 |
| | | 103207.1 | 103207 | 12 | 16x1,5 | 24 | 17 | 28 | 12 | 32 | 17 | 22 | 103207.4 |
| | | 103208.1 | 103208 | 15 | 18x1,5 | 28 | 21 | 32 | 12 | 36 | 19 | 27 | 103208.4 |
| | | 103209.1 | 103209 | 18 | 22x1,5 | 31 | 23,5 | 36 | 14 | 40 | 24 | 32 | 103209.4 |
| S | 630 | 103214.1 | 103214 | 6 | 12x1,5 | 23 | 16 | 26 | 12 | 31 | 12 | 17 | 103214.4 |
| | | 103215.1 | 103215 | 8 | 14x1,5 | 24 | 17 | 27 | 12 | 32 | 14 | 19 | 103215.4 |
| | | 103216.1 | 103216 | 10 | 16x1,5 | 25 | 17,5 | 28 | 12 | 34 | 17 | 22 | 103216.4 |
| | | 103217.1 | 103217 | 12 | 18x1,5 | 29 | 21,5 | 28 | 12 | 38 | 17 | 24 | 103217.4 |
| | | 103218.1 | 103218 | 14 | 20x1,5 | 30 | 22 | 32 | 14 | 40 | 19 | 27 | 103218.4 |
| | 400 | 103219.1 | 103219 | 16 | 22x1,5 | 33 | 24,5 | 32 | 14 | 43 | 24 | 30 | 103219.4 |

Note: If you wish to order a fitting in stainless steel, please change the first two digit from 10.. to 11..
Articles not included in ISO 8434-1 norm available on request only

MALE STUD BARREL TEE Thread BSP Parallel - Thread Metric Parallel

 Type: **1033...1** Only Body
 Type: **1034...1** Only Body

 Type: **1033..** B3 Ring
 Type: **1034..** B3 Ring

 Type: **1033...4** B4 Ring
 Type: **1034...4** B4 Ring


| Serie | Bar | Ordering Body | Ordering Equipped B3 | Ø Tube | G | L1 | L2 | L3 | L4 | L5 | CH1 | CH2 | Ordering Equipped B4 |
|-------|-----|---------------|----------------------|--------|-------|----|------|------|----|----|-----|-----|----------------------|
| L | 160 | 103310.1 | 103310 | 22 | 3/4 | 35 | 27,5 | 43,5 | 15 | 44 | 27 | 36 | 103310.4 |
| | | 103311.1 | 103311 | 28 | 1 | 38 | 30,5 | 49 | 17 | 47 | 36 | 41 | 103311.4 |
| | | 103312.1 | 103312 | 35 | 1 1/4 | 45 | 34,5 | 57 | 19 | 56 | 41 | 50 | 103312.4 |
| | | 103313.1 | 103313 | 42 | 1 1/2 | 51 | 40 | 64 | 20 | 63 | 50 | 60 | 103313.4 |
| S | 400 | 103320.1 | 103320 | 20 | 3/4 | 37 | 26,5 | 43,5 | 15 | 48 | 27 | 36 | 103320.4 |
| | | 103321.1 | 103321 | 25 | 1 | 42 | 30 | 49 | 17 | 54 | 36 | 46 | 103321.4 |
| | | 103322.1 | 103322 | 30 | 1 1/4 | 49 | 35,5 | 57 | 19 | 62 | 41 | 50 | 103322.4 |
| | | 103323.1 | 103323 | 38 | 1 1/2 | 57 | 41 | 64 | 20 | 72 | 50 | 60 | 103323.4 |

Note: If you wish to order a fitting in stainless steel, please change the first two digit from 10.. to 11..
 Articles not included in ISO 8434-1 norm available on request only

| Serie | Bar | Ordering Body | Ordering Equipped B3 | Ø Tube | M | L1 | L2 | L3 | L4 | L5 | CH1 | CH2 | Ordering Equipped B4 |
|-------|-----|---------------|----------------------|--------|--------|----|------|------|----|----|-----|-----|----------------------|
| L | 160 | 103410.1 | 103410 | 22 | 26x1,5 | 35 | 27,5 | 43,5 | 15 | 44 | 27 | 36 | 103410.4 |
| | | 103411.1 | 103411 | 28 | 33x2 | 38 | 30,5 | 49 | 17 | 47 | 36 | 41 | 103411.4 |
| | | 103412.1 | 103412 | 35 | 42x2 | 45 | 34,5 | 57 | 19 | 56 | 41 | 50 | 103412.4 |
| | | 103413.1 | 103413 | 42 | 48x2 | 51 | 40 | 64 | 20 | 63 | 50 | 60 | 103413.4 |
| S | 400 | 103420.1 | 103420 | 20 | 27x2 | 37 | 26,5 | 43,5 | 15 | 48 | 27 | 36 | 103420.4 |
| | | 103421.1 | 103421 | 25 | 33x2 | 42 | 30 | 49 | 17 | 54 | 36 | 46 | 103421.4 |
| | | 103422.1 | 103422 | 30 | 42x2 | 49 | 35,5 | 57 | 19 | 62 | 41 | 50 | 103422.4 |
| | | 103423.1 | 103423 | 38 | 48x2 | 57 | 41 | 64 | 20 | 72 | 50 | 60 | 103423.4 |

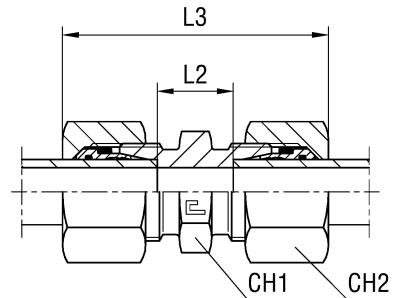
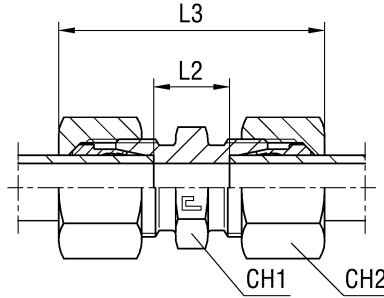
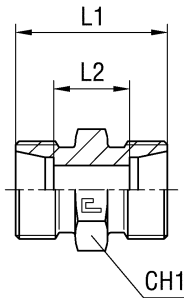
Note: If you wish to order a fitting in stainless steel, please change the first two digit from 10.. to 11..
 Articles not included in ISO 8434-1 norm available on request only

STRAIGHT COUPLING

Type: 1035...1 Only Body

Type: 1035.. B3 Ring

Type: 1035...4 B4 Ring



| Serie | Bar | Ordering Body | Ordering Equipped B3 | Ø Tube | L1 | L2 | L3 | CH1 | CH2 | Ordering Equipped B4 | |
|-------|-----|---------------|----------------------|--------|----|----|----|-----|-----|----------------------|----------|
| LL | 100 | 103501.1 | 103501 | 4 | 20 | 12 | 31 | 12 | 10 | - | |
| | | 103502.1 | 103502 | 6 | 20 | 9 | 32 | 12 | 12 | - | |
| | | 103503.1 | 103503 | 8 | 23 | 12 | 35 | 12 | 14 | - | |
| L | 315 | 103504.1 | 103504 | 6 | 24 | 10 | 39 | 12 | 14 | 103504.4 | |
| | | 103505.1 | 103505 | 8 | 25 | 11 | 40 | 14 | 17 | 103505.4 | |
| | | 103506.1 | 103506 | 10 | 27 | 13 | 42 | 17 | 19 | 103506.4 | |
| | | 103507.1 | 103507 | 12 | 28 | 14 | 43 | 19 | 22 | 103507.4 | |
| | | 103508.1 | 103508 | 15 | 30 | 16 | 46 | 24 | 27 | 103508.4 | |
| | | 103509.1 | 103509 | 18 | 31 | 16 | 48 | 27 | 32 | 103509.4 | |
| | 160 | 103510.1 | 103510 | 22 | 35 | 20 | 52 | 32 | 36 | 103510.4 | |
| | | 103511.1 | 103511 | 28 | 36 | 21 | 54 | 41 | 41 | 103511.4 | |
| | | 103512.1 | 103512 | 35 | 41 | 20 | 63 | 46 | 50 | 103512.4 | |
| | | 103513.1 | 103513 | 42 | 43 | 21 | 66 | 55 | 60 | 103513.4 | |
| S | 630 | 103514.1 | 103514 | 6 | 30 | 16 | 45 | 14 | 17 | 103514.4 | |
| | | 103515.1 | 103515 | 8 | 32 | 18 | 47 | 17 | 19 | 103515.4 | |
| | | 103516.1 | 103516 | 10 | 32 | 17 | 49 | 19 | 22 | 103516.4 | |
| | | 103517.1 | 103517 | 12 | 34 | 19 | 51 | 22 | 24 | 103517.4 | |
| | | 103518.1 | 103518 | 14 | 38 | 22 | 57 | 24 | 27 | 103518.4 | |
| | 400 | 103519.1 | 103519 | 16 | 38 | 21 | 57 | 27 | 30 | 103519.4 | |
| | | 103520.1 | 103520 | 20 | 44 | 23 | 66 | 32 | 36 | 103520.4 | |
| | | 103521.1 | 103521 | 25 | 50 | 26 | 74 | 41 | 46 | 103521.4 | |
| | | 103522.1 | 103522 | 30 | 54 | 27 | 80 | 46 | 50 | 103522.4 | |
| | | 315 | 103523.1 | 103523 | 38 | 61 | 29 | 90 | 55 | 60 | 103523.4 |

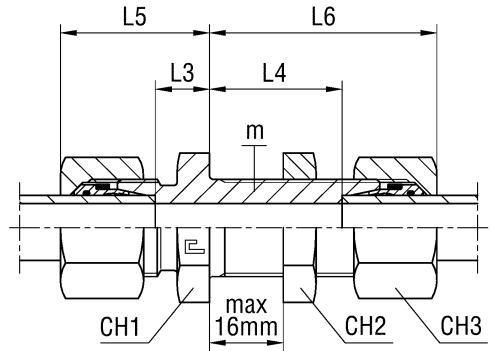
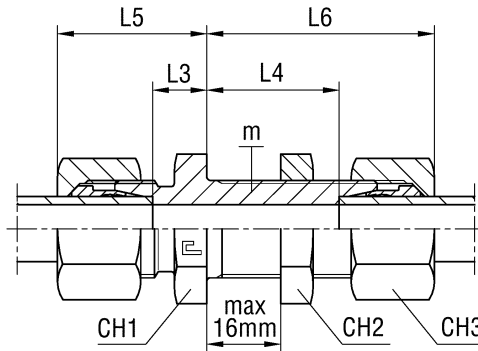
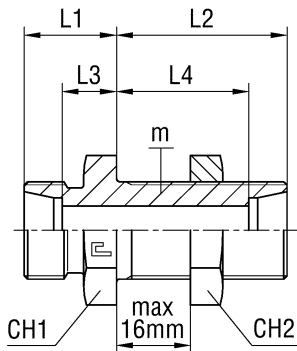
Note: If you wish to order a fitting in stainless steel, please change the first two digit from 10.. to 11..

BULKHEAD CONNECTION

Type: 1036...1 Only Body

Type: 1036.. B3 Ring

Type: 1036...4 B4 Ring



| Serie | Bar | Ordering Body | Ordering Equipped B3 | Ø Tube | m | L1 | L2 | L3 | L4 | L5 | L6 | CH1 | CH2 | CH3 | Ordering Equipped B4 |
|-------|----------|---------------|----------------------|--------|--------|------|------|------|------|----|----|-----|-----|----------|----------------------|
| L | 315 | 103604.1 | 103604 | 6 | 12x1,5 | 14 | 34 | 7 | 27 | 22 | 42 | 17 | 17 | 14 | 103604.4 |
| | | 103605.1 | 103605 | 8 | 14x1,5 | 15 | 34 | 8 | 27 | 23 | 42 | 19 | 19 | 17 | 103605.4 |
| | | 103606.1 | 103606 | 10 | 16x1,5 | 17 | 35 | 10 | 28 | 25 | 43 | 22 | 22 | 19 | 103606.4 |
| | | 103607.1 | 103607 | 12 | 18x1,5 | 17 | 36 | 10 | 29 | 25 | 44 | 24 | 24 | 22 | 103607.4 |
| | | 103608.1 | 103608 | 15 | 22x1,5 | 19 | 38 | 12 | 31 | 27 | 46 | 27 | 30 | 27 | 103608.4 |
| | 103609.1 | 103609 | 18 | 26x1,5 | 21 | 40 | 13,5 | 32,5 | 30 | 49 | 32 | 36 | 32 | 103609.4 | |
| | 160 | 103610.1 | 103610 | 22 | 30x2 | 24 | 42 | 16,5 | 34,5 | 33 | 51 | 36 | 41 | 36 | 103610.4 |
| | | 103611.1 | 103611 | 28 | 36x2 | 26 | 43 | 18,5 | 35,5 | 35 | 52 | 41 | 46 | 41 | 103611.4 |
| | | 103612.1 | 103612 | 35 | 45x2 | 29 | 47 | 18,5 | 36,5 | 40 | 58 | 50 | 55 | 50 | 103612.4 |
| | | 103613.1 | 103613 | 42 | 52x2 | 30 | 47 | 19 | 36 | 42 | 59 | 60 | 65 | 60 | 103613.4 |
| S | 630 | 103614.1 | 103614 | 6 | 14x1,5 | 19 | 36 | 12 | 29 | 27 | 44 | 19 | 19 | 17 | 103614.4 |
| | | 103615.1 | 103615 | 8 | 16x1,5 | 20 | 36 | 13 | 29 | 28 | 44 | 22 | 22 | 19 | 103615.4 |
| | | 103616.1 | 103616 | 10 | 18x1,5 | 22 | 37 | 14,5 | 29,5 | 31 | 46 | 24 | 24 | 22 | 103616.4 |
| | | 103617.1 | 103617 | 12 | 20x1,5 | 22 | 38 | 14,5 | 30,5 | 31 | 47 | 27 | 27 | 24 | 103617.4 |
| | | 103618.1 | 103618 | 14 | 22x1,5 | 25 | 40 | 17 | 32 | 35 | 50 | 30 | 30 | 27 | 103618.4 |
| | 400 | 103619.1 | 103619 | 16 | 24x1,5 | 25 | 40 | 16,5 | 31,5 | 35 | 50 | 32 | 32 | 30 | 103619.4 |
| | | 103620.1 | 103620 | 20 | 30x2 | 28 | 44 | 17,5 | 33,5 | 39 | 55 | 41 | 41 | 36 | 103620.4 |
| | | 103621.1 | 103621 | 25 | 36x2 | 32 | 47 | 20 | 35 | 44 | 59 | 46 | 46 | 46 | 103621.4 |
| | | 103622.1 | 103622 | 30 | 42x2 | 35 | 51 | 21,5 | 37,5 | 48 | 64 | 50 | 50 | 50 | 103622.4 |
| | | 315 | 103623.1 | 103623 | 38 | 52x2 | 38 | 53 | 22 | 37 | 53 | 68 | 65 | 65 | 60 |

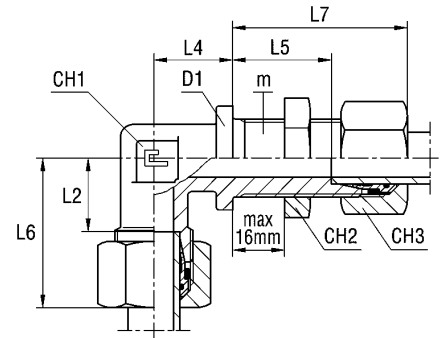
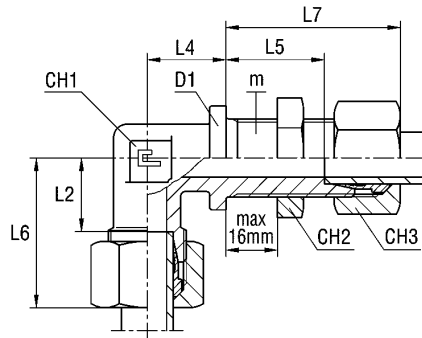
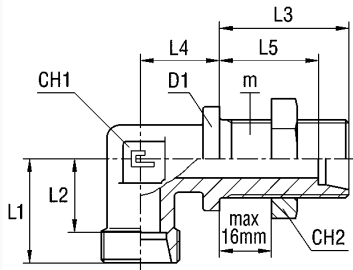
Note: If you wish to order a fitting in stainless steel, please change the first two digit from 10.. to 11..

BULKHEAD ELBOW

Type: 1037...1 Only Body

Type: 1037... B3 Ring

Type: 1037...4 B4 Ring



| Serie | Bar | Ordering Body | Ordering Equipped B3 | Ø Tube | m | L1 | L2 | L3 | L4 | L5 | L6 | L7 | D1 | CH1 | CH2 | CH3 | Ordering Equipped B4 |
|-------|----------|---------------|----------------------|--------|--------|------|------|----|------|------|----|----|----|-----|-----|----------|----------------------|
| L | 315 | 103704.1 | 103704 | 6 | 12x1,5 | 19 | 12 | 34 | 14 | 27 | 19 | 42 | 17 | 12 | 17 | 14 | 103704.4 |
| | | 103705.1 | 103705 | 8 | 14x1,5 | 21 | 14 | 34 | 17 | 27 | 21 | 42 | 19 | 12 | 19 | 17 | 103705.4 |
| | | 103706.1 | 103706 | 10 | 16x1,5 | 22 | 15 | 35 | 18 | 28 | 22 | 43 | 22 | 14 | 22 | 19 | 103706.4 |
| | | 103707.1 | 103707 | 12 | 18x1,5 | 24 | 17 | 36 | 20 | 29 | 24 | 44 | 24 | 17 | 24 | 22 | 103707.4 |
| | | 103708.1 | 103708 | 15 | 22x1,5 | 28 | 21 | 38 | 23 | 31 | 28 | 46 | 27 | 19 | 30 | 27 | 103708.4 |
| | 103709.1 | 103709 | 18 | 26x1,5 | 31 | 23,5 | 40 | 24 | 32,5 | 31 | 49 | 32 | 24 | 36 | 32 | 103709.4 | |
| | 160 | 103710.1 | 103710 | 22 | 30x2 | 35 | 27,5 | 42 | 30 | 34,5 | 35 | 51 | 36 | 27 | 41 | 36 | 103710.4 |
| | | 103711.1 | 103711 | 28 | 36x2 | 38 | 30,5 | 43 | 34 | 35,5 | 38 | 52 | 42 | 36 | 46 | 41 | 103711.4 |
| | | 103712.1 | 103712 | 35 | 45x2 | 45 | 34,5 | 47 | 39 | 36,5 | 45 | 58 | 50 | 41 | 55 | 50 | 103712.4 |
| | | 103713.1 | 103713 | 42 | 52x2 | 51 | 40 | 47 | 43 | 36 | 51 | 59 | 60 | 50 | 65 | 60 | 103713.4 |
| S | 630 | 103714.1 | 103714 | 6 | 14x1,5 | 23 | 16 | 36 | 17 | 29 | 23 | 44 | 19 | 12 | 19 | 17 | 103714.4 |
| | | 103715.1 | 103715 | 8 | 16x1,5 | 24 | 17 | 36 | 18 | 29 | 24 | 44 | 22 | 14 | 22 | 19 | 103715.4 |
| | | 103716.1 | 103716 | 10 | 18x1,5 | 25 | 17,5 | 37 | 20 | 29,5 | 25 | 46 | 24 | 17 | 24 | 22 | 103716.4 |
| | | 103717.1 | 103717 | 12 | 20x1,5 | 29 | 21,5 | 38 | 21 | 30,5 | 29 | 47 | 27 | 17 | 27 | 24 | 103717.4 |
| | | 103718.1 | 103718 | 14 | 22x1,5 | 30 | 22 | 40 | 23 | 32 | 30 | 50 | 27 | 19 | 30 | 27 | 103718.4 |
| | 400 | 103719.1 | 103719 | 16 | 24x1,5 | 33 | 24,5 | 40 | 24 | 31,5 | 33 | 50 | 30 | 24 | 32 | 30 | 103719.4 |
| | | 103720.1 | 103720 | 20 | 30x2 | 37 | 26,5 | 44 | 30 | 33,5 | 37 | 55 | 36 | 27 | 41 | 36 | 103720.4 |
| | | 103721.1 | 103721 | 25 | 36x2 | 42 | 30 | 47 | 34 | 35 | 42 | 59 | 42 | 36 | 46 | 46 | 103721.4 |
| | | 103722.1 | 103722 | 30 | 42x2 | 49 | 35,5 | 51 | 39 | 37,5 | 49 | 64 | 50 | 41 | 50 | 50 | 103722.4 |
| | | 315 | 103723.1 | 103723 | 38 | 52x2 | 57 | 41 | 53 | 43 | 37 | 57 | 68 | 60 | 50 | 65 | 60 |

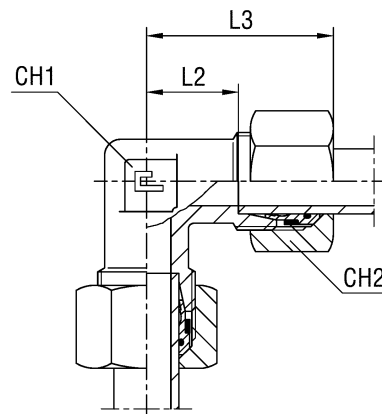
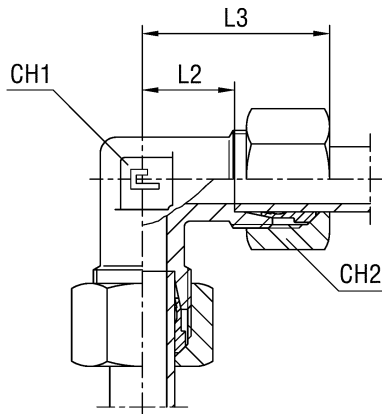
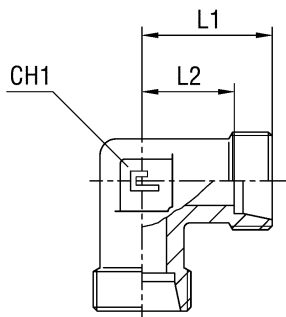
Note: If you wish to order a fitting in stainless steel, please change the first two digit from 10.. to 11..

EQUAL ELBOW

Type: 1038...1 Only Body

Type: 1038.. B3 Ring

Type: 1038...4 B4 Ring



| Serie | Bar | Ordering Body | Ordering Equipped B3 | Ø Tube | L1 | L2 | L3 | CH1 | CH2 | Ordering Equipped B4 |
|-------|-----|---------------|----------------------|--------|----|------|----|-----|-----|----------------------|
| LL | 100 | 103801.1 | 103801 | 4 | 15 | 11 | 21 | 9 | 10 | - |
| | | 103802.1 | 103802 | 6 | 15 | 9,5 | 21 | 9 | 12 | - |
| | | 103803.1 | 103803 | 8 | 17 | 11,5 | 23 | 12 | 14 | - |
| L | 315 | 103804.1 | 103804 | 6 | 19 | 12 | 27 | 12 | 14 | 103804.4 |
| | | 103805.1 | 103805 | 8 | 21 | 14 | 29 | 12 | 17 | 103805.4 |
| | | 103806.1 | 103806 | 10 | 22 | 15 | 30 | 14 | 19 | 103806.4 |
| | | 103807.1 | 103807 | 12 | 24 | 17 | 32 | 17 | 22 | 103807.4 |
| | | 103808.1 | 103808 | 15 | 28 | 21 | 36 | 19 | 27 | 103808.4 |
| | | 103809.1 | 103809 | 18 | 31 | 23,5 | 40 | 24 | 32 | 103809.4 |
| | 160 | 103810.1 | 103810 | 22 | 35 | 27,5 | 44 | 27 | 36 | 103810.4 |
| | | 103811.1 | 103811 | 28 | 38 | 30,5 | 47 | 36 | 41 | 103811.4 |
| | | 103812.1 | 103812 | 35 | 45 | 34,5 | 56 | 41 | 50 | 103812.4 |
| | | 103813.1 | 103813 | 42 | 51 | 40 | 63 | 50 | 60 | 103813.4 |
| S | 630 | 103814.1 | 103814 | 6 | 23 | 16 | 31 | 12 | 17 | 103814.4 |
| | | 103815.1 | 103815 | 8 | 24 | 17 | 32 | 14 | 19 | 103815.4 |
| | | 103816.1 | 103816 | 10 | 25 | 17,5 | 34 | 17 | 22 | 103816.4 |
| | | 103817.1 | 103817 | 12 | 29 | 21,5 | 38 | 17 | 24 | 103817.4 |
| | | 103818.1 | 103818 | 14 | 30 | 22 | 40 | 19 | 27 | 103818.4 |
| | 400 | 103819.1 | 103819 | 16 | 33 | 24,5 | 43 | 24 | 30 | 103819.4 |
| | | 103820.1 | 103820 | 20 | 37 | 26,5 | 48 | 27 | 36 | 103820.4 |
| | | 103821.1 | 103821 | 25 | 42 | 30 | 54 | 36 | 46 | 103821.4 |
| | | 103822.1 | 103822 | 30 | 49 | 35,5 | 62 | 41 | 50 | 103822.4 |
| | | 315 | 103823.1 | 103823 | 38 | 57 | 41 | 72 | 50 | 60 |

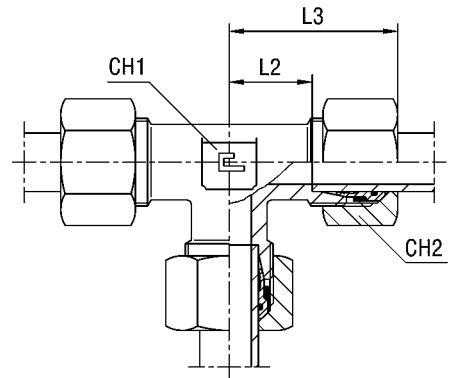
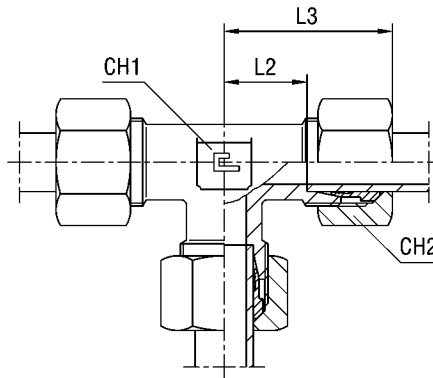
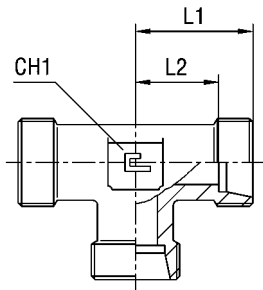
Note: If you wish to order a fitting in stainless steel, please change the first two digit from 10.. to 11..

EQUAL TEE

Type: 1039...1 Only Body

Type: 1039.. B3 Ring

Type: 1039...4 B4 Ring



| Serie | Bar | Ordering Body | Ordering Equipped B3 | Ø Tube | L1 | L2 | L3 | CH1 | CH2 | Ordering Equipped B4 |
|-------|-----|---------------|----------------------|--------|----|------|----|-----|-----|----------------------|
| LL | 100 | 103901.1 | 103901 | 4 | 15 | 11 | 21 | 9 | 10 | - |
| | | 103902.1 | 103902 | 6 | 15 | 9,5 | 21 | 9 | 12 | - |
| | | 103903.1 | 103903 | 8 | 17 | 11,5 | 23 | 12 | 14 | - |
| L | 315 | 103904.1 | 103904 | 6 | 19 | 12 | 27 | 12 | 14 | 103904.4 |
| | | 103905.1 | 103905 | 8 | 21 | 14 | 29 | 12 | 17 | 103905.4 |
| | | 103906.1 | 103906 | 10 | 22 | 15 | 30 | 14 | 19 | 103906.4 |
| | | 103907.1 | 103907 | 12 | 24 | 17 | 32 | 17 | 22 | 103907.4 |
| | | 103908.1 | 103908 | 15 | 28 | 21 | 36 | 19 | 27 | 103908.4 |
| | | 103909.1 | 103909 | 18 | 31 | 23,5 | 40 | 24 | 32 | 103909.4 |
| | 160 | 103910.1 | 103910 | 22 | 35 | 27,5 | 44 | 27 | 36 | 103910.4 |
| | | 103911.1 | 103911 | 28 | 38 | 30,5 | 47 | 36 | 41 | 103911.4 |
| | | 103912.1 | 103912 | 35 | 45 | 34,5 | 56 | 41 | 50 | 103912.4 |
| | | 103913.1 | 103913 | 42 | 51 | 40 | 63 | 50 | 60 | 103913.4 |
| S | 630 | 103914.1 | 103914 | 6 | 23 | 16 | 31 | 12 | 17 | 103914.4 |
| | | 103915.1 | 103915 | 8 | 24 | 17 | 32 | 14 | 19 | 103915.4 |
| | | 103916.1 | 103916 | 10 | 25 | 17,5 | 34 | 17 | 22 | 103916.4 |
| | | 103917.1 | 103917 | 12 | 29 | 21,5 | 38 | 17 | 24 | 103917.4 |
| | | 103918.1 | 103918 | 14 | 30 | 22 | 40 | 19 | 27 | 103918.4 |
| | 400 | 103919.1 | 103919 | 16 | 33 | 24,5 | 43 | 24 | 30 | 103919.4 |
| | | 103920.1 | 103920 | 20 | 37 | 26,5 | 48 | 27 | 36 | 103920.4 |
| | | 103921.1 | 103921 | 25 | 42 | 30 | 54 | 36 | 46 | 103921.4 |
| | | 103922.1 | 103922 | 30 | 49 | 35,5 | 62 | 41 | 50 | 103922.4 |
| | | 315 | 103923.1 | 103923 | 38 | 57 | 41 | 72 | 50 | 60 |

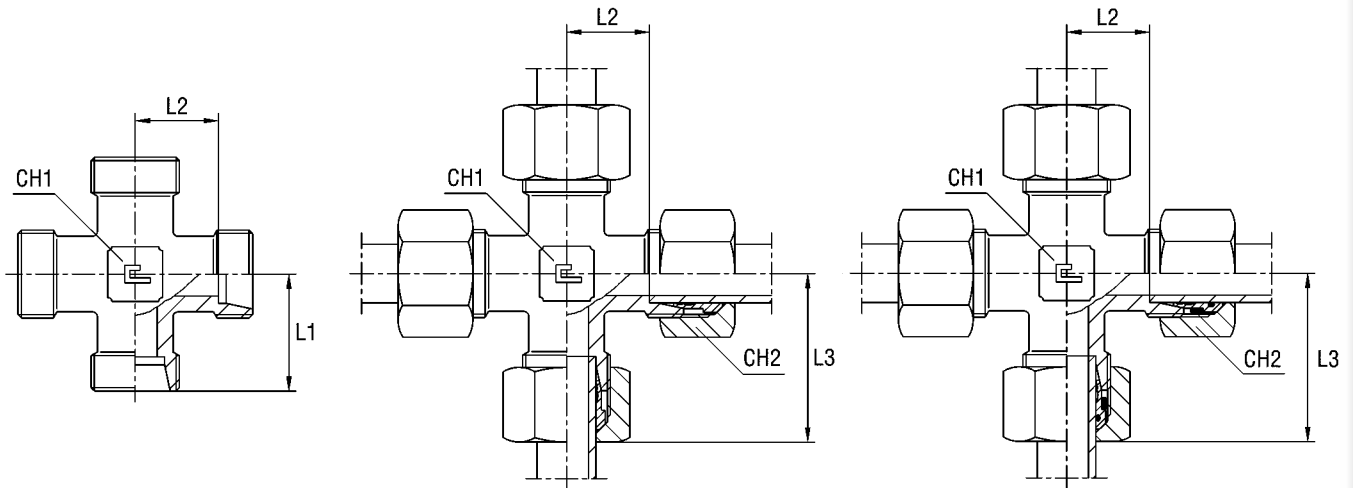
Note: If you wish to order a fitting in stainless steel, please change the first two digit from 10.. to 11..

EQUAL CROSS

Type: 1040...1 Only Body

Type: 1040... B3 Ring

Type: 1040...4 B4 Ring



| Serie | Bar | Ordering Body | Ordering Equipped B3 | Ø Tube | L1 | L2 | L3 | CH1 | CH2 | Ordering Equipped B4 |
|-------|-----|---------------|----------------------|--------|----|------|----|-----|-----|----------------------|
| LL | 100 | 104001.1 | 104001 | 4 | 15 | 11 | 21 | 9 | 10 | |
| | | 104002.1 | 104002 | 6 | 15 | 9,5 | 21 | 9 | 12 | |
| | | 104003.1 | 104003 | 8 | 17 | 11,5 | 23 | 12 | 14 | |
| L | 315 | 104004.1 | 104004 | 6 | 19 | 12 | 27 | 12 | 14 | 104004.4 |
| | | 104005.1 | 104005 | 8 | 21 | 14 | 29 | 12 | 17 | 104005.4 |
| | | 104006.1 | 104006 | 10 | 22 | 15 | 30 | 14 | 19 | 104006.4 |
| | | 104007.1 | 104007 | 12 | 24 | 17 | 32 | 17 | 22 | 104007.4 |
| | | 104008.1 | 104008 | 15 | 28 | 21 | 36 | 19 | 27 | 104008.4 |
| | | 104009.1 | 104009 | 18 | 31 | 23,5 | 40 | 24 | 32 | 104009.4 |
| | 160 | 104010.1 | 104010 | 22 | 35 | 27,5 | 44 | 27 | 36 | 104010.4 |
| | | 104011.1 | 104011 | 28 | 38 | 30,5 | 47 | 36 | 41 | 104011.4 |
| | | 104012.1 | 104012 | 35 | 45 | 34,5 | 56 | 41 | 50 | 104012.4 |
| | | 104013.1 | 104013 | 42 | 51 | 40 | 63 | 50 | 60 | 104013.4 |
| S | 630 | 104014.1 | 104014 | 6 | 23 | 16 | 31 | 12 | 17 | 104014.4 |
| | | 104015.1 | 104015 | 8 | 24 | 17 | 32 | 14 | 19 | 104015.4 |
| | | 104016.1 | 104016 | 10 | 25 | 17,5 | 34 | 17 | 22 | 104016.4 |
| | | 104017.1 | 104017 | 12 | 29 | 21,5 | 38 | 17 | 24 | 104017.4 |
| | | 104018.1 | 104018 | 14 | 30 | 22 | 40 | 19 | 27 | 104018.4 |
| | 400 | 104019.1 | 104019 | 16 | 33 | 24,5 | 43 | 24 | 30 | 104019.4 |
| | | 104020.1 | 104020 | 20 | 37 | 26,5 | 48 | 27 | 36 | 104020.4 |
| | | 104021.1 | 104021 | 25 | 42 | 30 | 54 | 36 | 46 | 104021.4 |
| | | 104022.1 | 104022 | 30 | 49 | 35,5 | 62 | 41 | 50 | 104022.4 |
| | | 315 | 104023.1 | 104023 | 38 | 57 | 41 | 72 | 50 | 60 |

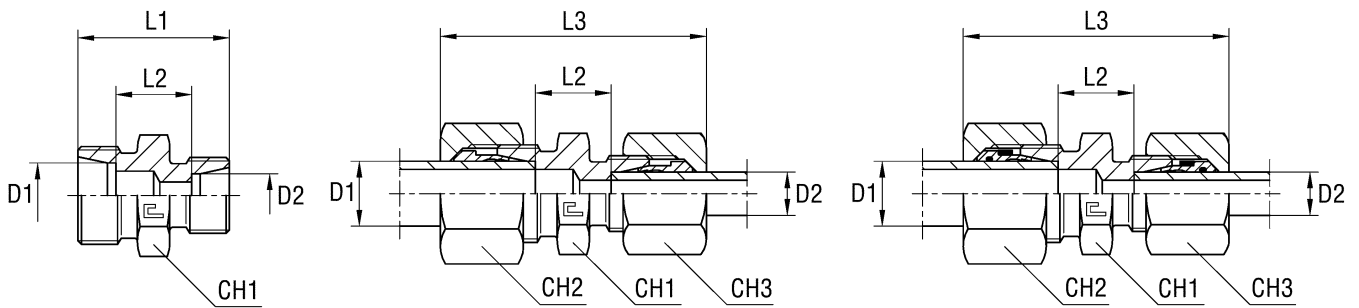
Note: If you wish to order a fitting in stainless steel, please change the first two digit from 10.. to 11..

STRAIGHT REDUCING COUPLING

Type: 1041...1 Only Body

Type: 1041.. B3 Ring

Type: 1041...4 B4 Ring



| Serie | Bar | Ordering Body | Ordering Equipped B3 | Ø Tube | | L1 | L2 | L3 | CH1 | CH2 | CH3 | Ordering Equipped B4 |
|----------|----------|---------------|----------------------|--------|------|------|------|------|-----|----------|----------|----------------------|
| | | | | D1 | D2 | | | | | | | |
| L | 315 | 104104.1 | 104104 | 8 | 6 | 25 | 11 | 40,5 | 14 | 17 | 14 | 104104.4 |
| | | 104105.1 | 104105 | 10 | 6 | 26 | 12 | 41,5 | 17 | 19 | 14 | 104105.4 |
| | | 104106.1 | 104106 | 10 | 8 | 26 | 12 | 42 | 17 | 19 | 17 | 104106.4 |
| | | 104107.1 | 104107 | 12 | 6 | 27 | 13 | 42 | 19 | 22 | 14 | 104107.4 |
| | | 104108.1 | 104108 | 12 | 8 | 27 | 13 | 42,5 | 19 | 22 | 17 | 104108.4 |
| | | 104109.1 | 104109 | 12 | 10 | 28 | 14 | 43,5 | 19 | 22 | 19 | 104109.4 |
| | | 104110.1 | 104110 | 15 | 10 | 29 | 15 | 45 | 24 | 27 | 19 | 104110.4 |
| | | 104111.1 | 104111 | 15 | 12 | 29 | 15 | 44,5 | 24 | 27 | 22 | 104111.4 |
| | 104112.1 | 104112 | 18 | 10 | 30 | 15,5 | 47 | 27 | 32 | 19 | 104112.4 | |
| | 104113.1 | 104113 | 18 | 12 | 30 | 15,5 | 46,5 | 27 | 32 | 22 | 104113.4 | |
| | 104114.1 | 104114 | 18 | 15 | 31 | 16,5 | 48 | 27 | 32 | 27 | 104114.4 | |
| | 104115.1 | 104115 | 22 | 12 | 32 | 17,5 | 48,5 | 32 | 36 | 22 | 104115.4 | |
| | 104116.1 | 104116 | 22 | 15 | 33 | 18,5 | 50 | 32 | 36 | 27 | 104116.4 | |
| | 104117.1 | 104117 | 22 | 18 | 33 | 18 | 51 | 32 | 36 | 32 | 104117.4 | |
| 104118.1 | 104118 | 28 | 18 | 34 | 19 | 52 | 41 | 41 | 32 | 104118.4 | | |
| 104119.1 | 104119 | 28 | 22 | 36 | 21 | 54 | 41 | 41 | 36 | 104119.4 | | |
| 104120.1 | 104120 | 35 | 22 | 39 | 21 | 59 | 46 | 50 | 36 | 104120.4 | | |
| 104121.1 | 104121 | 35 | 28 | 39 | 21 | 59 | 46 | 50 | 41 | 104121.4 | | |
| S | 630 | 104122.1 | 104122 | 8 | 6 | 32 | 18 | 48 | 17 | 19 | 17 | 104122.4 |
| | | 104123.1 | 104123 | 10 | 6 | 32 | 17,5 | 48,5 | 19 | 22 | 17 | 104123.4 |
| | | 104124.1 | 104124 | 10 | 8 | 32 | 17,5 | 48,5 | 19 | 22 | 19 | 104124.4 |
| | | 104125.1 | 104125 | 12 | 6 | 34 | 19,5 | 50,5 | 22 | 24 | 17 | 104125.4 |
| | | 104126.1 | 104126 | 12 | 8 | 34 | 19,5 | 50,5 | 22 | 24 | 19 | 104126.4 |
| | | 104127.1 | 104127 | 12 | 10 | 34 | 19 | 51 | 22 | 24 | 22 | 104127.4 |
| | | 104128.1 | 104128 | 14 | 10 | 36 | 20,5 | 54,5 | 24 | 27 | 22 | 104128.4 |
| | | 104129.1 | 104129 | 14 | 12 | 36 | 20,5 | 54,5 | 24 | 27 | 24 | 104129.4 |
| | 104130.1 | 104130 | 16 | 12 | 36 | 20 | 54,5 | 27 | 30 | 24 | 104130.4 | |
| | 104131.1 | 104131 | 16 | 14 | 38 | 21,5 | 58 | 27 | 30 | 27 | 104131.4 | |
| | 104132.1 | 104132 | 20 | 10 | 40 | 22 | 59,5 | 32 | 36 | 22 | 104132.4 | |
| | 104133.1 | 104133 | 20 | 12 | 40 | 22 | 59,5 | 32 | 36 | 24 | 104133.4 | |
| | 104134.1 | 104134 | 20 | 16 | 42 | 23 | 63 | 32 | 36 | 30 | 104134.4 | |
| | 104135.1 | 104135 | 25 | 16 | 46 | 25,5 | 68 | 41 | 46 | 30 | 104135.4 | |
| | 104136.1 | 104136 | 25 | 20 | 48 | 25,5 | 71 | 41 | 46 | 36 | 104136.4 | |
| 104137.1 | 104137 | 30 | 20 | 50 | 26 | 74 | 46 | 50 | 36 | 104137.4 | | |
| 104138.1 | 104138 | 30 | 25 | 52 | 26,5 | 77 | 46 | 50 | 46 | 104138.4 | | |
| 315 | 104139.1 | 104139 | 38 | 30 | 59 | 29,5 | 87 | 55 | 60 | 50 | 104139.4 | |

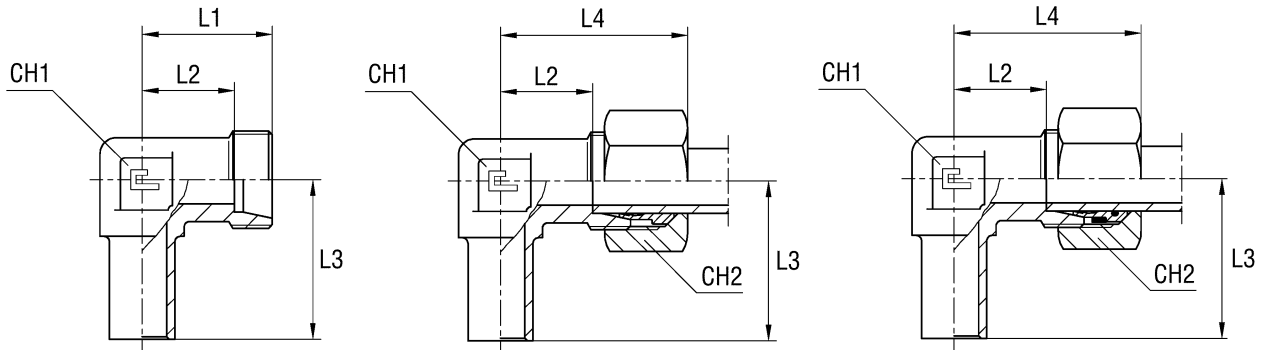
Note: If you wish to order a fitting in stainless steel, please change the first two digit from 10.. to 11..
Articles available on scheduled orders only

ADJUSTABLE MALE STUD ELBOW

Type: 10LT...1 Only Body

Type: 10LT.. B3 Ring

Type: 10LT...4 B4 Ring

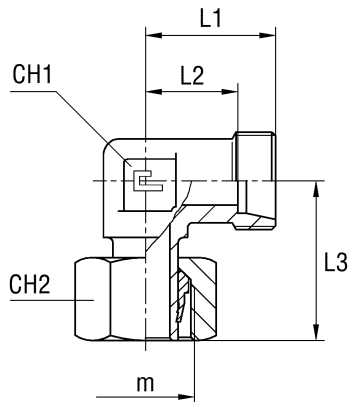


| Serie | Bar | Ordering Body | Ordering Assembled B3 | Ø Tube | L1 | L2 | L3 | L4 | CH1 | CH2 | Ordering Assembled B4 |
|----------|----------|---------------|-----------------------|--------|------|------|------|----|-----|----------|-----------------------|
| L | 315 | 10LT04.1 | 10LT04 | 6 | 19 | 12 | 26 | 27 | 12 | 14 | 10LT04.4 |
| | | 10LT05.1 | 10LT05 | 8 | 21 | 14 | 27,5 | 29 | 12 | 17 | 10LT05.4 |
| | | 10LT06.1 | 10LT06 | 10 | 22 | 15 | 29 | 30 | 14 | 19 | 10LT06.4 |
| | | 10LT07.1 | 10LT07 | 12 | 24 | 17 | 29,5 | 32 | 17 | 22 | 10LT07.4 |
| | | 10LT08.1 | 10LT08 | 15 | 28 | 21 | 32,5 | 36 | 19 | 27 | 10LT08.4 |
| | 10LT09.1 | 10LT09 | 18 | 31 | 23,5 | 35,5 | 40 | 24 | 32 | 10LT09.4 | |
| | 160 | 10LT10.1 | 10LT10 | 22 | 35 | 27,5 | 38,5 | 44 | 27 | 36 | 10LT10.4 |
| | | 10LT11.1 | 10LT11 | 28 | 38 | 30,5 | 41,5 | 47 | 36 | 41 | 10LT11.4 |
| | | 10LT12.1 | 10LT12 | 35 | 45 | 34,5 | 51 | 56 | 41 | 50 | 10LT12.4 |
| | | 10LT13.1 | 10LT13 | 42 | 51 | 40 | 56 | 63 | 50 | 60 | 10LT13.4 |
| 10LT14.1 | | 10LT14 | 6 | 23 | 16 | 27 | 31 | 12 | 17 | 10LT14.4 | |
| S | 630 | 10LT15.1 | 10LT15 | 8 | 24 | 17 | 27,5 | 32 | 14 | 19 | 10LT15.4 |
| | | 10LT16.1 | 10LT16 | 10 | 25 | 17,5 | 30 | 34 | 17 | 22 | 10LT16.4 |
| | | 10LT17.1 | 10LT17 | 12 | 29 | 21,5 | 31 | 38 | 17 | 24 | 10LT17.4 |
| | | 10LT18.1 | 10LT18 | 14 | 30 | 22 | 35 | 40 | 19 | 27 | 10LT18.4 |
| | | 10LT19.1 | 10LT19 | 16 | 33 | 24,5 | 36,5 | 43 | 24 | 30 | 10LT19.4 |
| | 400 | 10LT20.1 | 10LT20 | 20 | 37 | 26,5 | 44,5 | 48 | 27 | 36 | 10LT20.4 |
| | | 10LT21.1 | 10LT21 | 25 | 42 | 30 | 50 | 54 | 36 | 46 | 10LT21.4 |
| | | 10LT22.1 | 10LT22 | 30 | 49 | 35,5 | 55 | 62 | 41 | 50 | 10LT22.4 |
| | | 10LT23.1 | 10LT23 | 38 | 57 | 41 | 63 | 72 | 50 | 60 | 10LT23.4 |
| | | 315 | 10LT23.1 | 10LT23 | 38 | 57 | 41 | 63 | 72 | 50 | 60 |

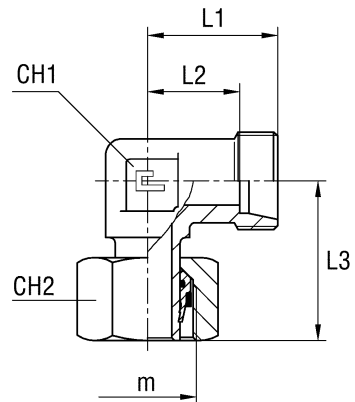
Note: If you wish to order a fitting in stainless steel, please change the first two digit from 10.. to 11..

ADJUSTABLE MALE STUD ELBOW

Type: 1042...1 B3 Ring



Type: 1042...1.4 B4 Ring

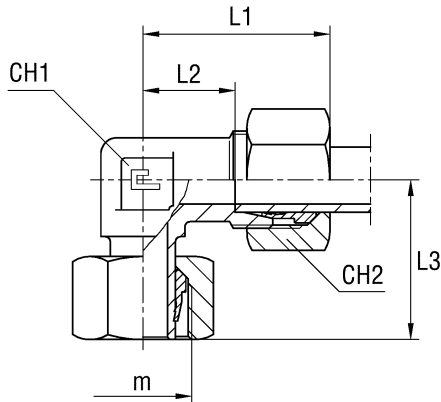


| Serie | Bar | Ordering Preassembled B3 | Ø Tube | m | L1 | L2 | L3 | CH1 | CH2 | Ordering Preassembled B4 |
|----------|----------|--------------------------|--------|--------|------|------|------|-----|------------|--------------------------|
| L | 315 | 104204.1 | 6 | 12x1,5 | 19 | 12 | 26 | 12 | 14 | 104204.1.4 |
| | | 104205.1 | 8 | 14x1,5 | 21 | 14 | 27,5 | 12 | 17 | 104205.1.4 |
| | | 104206.1 | 10 | 16x1,5 | 22 | 15 | 29 | 14 | 19 | 104206.1.4 |
| | | 104207.1 | 12 | 18x1,5 | 24 | 17 | 29,5 | 17 | 22 | 104207.1.4 |
| | | 104208.1 | 15 | 22x1,5 | 28 | 21 | 32,5 | 19 | 27 | 104208.1.4 |
| | 104209.1 | 18 | 26x1,5 | 31 | 23,5 | 35,5 | 24 | 32 | 104209.1.4 | |
| | 160 | 104210.1 | 22 | 30x2 | 35 | 27,5 | 38,5 | 27 | 36 | 104210.1.4 |
| | | 104211.1 | 28 | 36x2 | 38 | 30,5 | 41,5 | 36 | 41 | 104211.1.4 |
| | | 104212.1 | 35 | 45x2 | 45 | 34,5 | 51 | 41 | 50 | 104212.1.4 |
| 104213.1 | | 42 | 52x2 | 51 | 40 | 56 | 50 | 60 | 104213.1.4 | |
| S | 630 | 104214.1 | 6 | 14x1,5 | 23 | 16 | 27 | 12 | 17 | 104214.1.4 |
| | | 104215.1 | 8 | 16x1,5 | 24 | 17 | 27,5 | 14 | 19 | 104215.1.4 |
| | | 104216.1 | 10 | 18x1,5 | 25 | 17,5 | 30 | 17 | 22 | 104216.1.4 |
| | | 104217.1 | 12 | 20x1,5 | 29 | 21,5 | 31 | 17 | 24 | 104217.1.4 |
| | | 104218.1 | 14 | 22x1,5 | 30 | 22 | 35 | 19 | 27 | 104218.1.4 |
| | 400 | 104219.1 | 16 | 24x1,5 | 33 | 24,5 | 36,5 | 24 | 30 | 104219.1.4 |
| | | 104220.1 | 20 | 30x2 | 37 | 26,5 | 44,5 | 27 | 36 | 104220.1.4 |
| | | 104221.1 | 25 | 36x2 | 42 | 30 | 50 | 36 | 46 | 104221.1.4 |
| | | 104222.1 | 30 | 42x2 | 49 | 35,5 | 55 | 41 | 50 | 104222.1.4 |
| | | 104223.1 | 38 | 52x2 | 57 | 41 | 63 | 50 | 60 | 104223.1.4 |

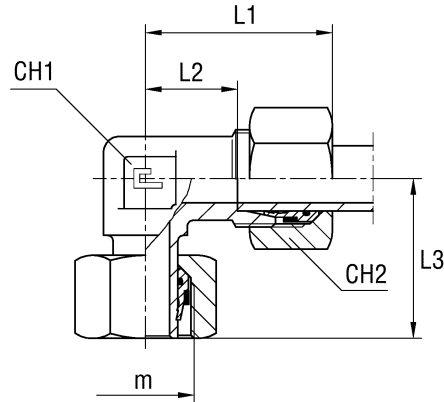
Note: If you wish to order a fitting in stainless steel, please change the first two digit from 10.. to 11..

ADJUSTABLE MALE STUD ELBOW

Type: 1042.. B3 Ring



Type: 1042...4 B4 Ring



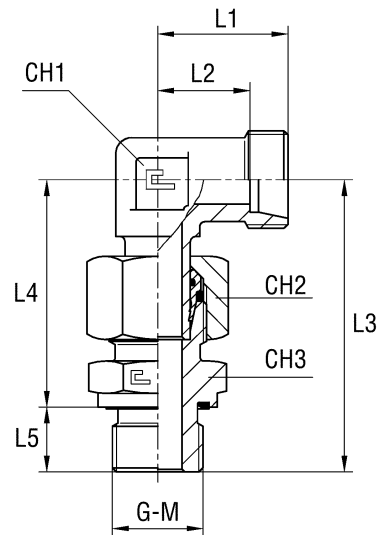
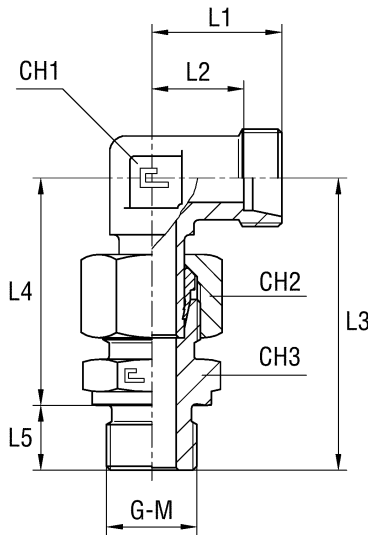
| Serie | Bar | Ordering Equipped B3 | Ø Tube | m | L1 | L2 | L3 | CH1 | CH2 | Ordering Equipped B4 |
|--------|--------|----------------------|--------|--------|------|------|------|-----|----------|----------------------|
| L | 315 | 104204 | 6 | 12x1,5 | 27 | 12 | 26 | 12 | 14 | 104204.4 |
| | | 104205 | 8 | 14x1,5 | 29 | 14 | 27,5 | 12 | 17 | 104205.4 |
| | | 104206 | 10 | 16x1,5 | 30 | 15 | 29 | 14 | 19 | 104206.4 |
| | | 104207 | 12 | 18x1,5 | 32 | 17 | 29,5 | 17 | 22 | 104207.4 |
| | | 104208 | 15 | 22x1,5 | 36 | 21 | 32,5 | 19 | 27 | 104208.4 |
| | 104209 | 18 | 26x1,5 | 40 | 23,5 | 35,5 | 24 | 32 | 104209.4 | |
| | 160 | 104210 | 22 | 30x2 | 44 | 27,5 | 38,5 | 27 | 36 | 104210.4 |
| | | 104211 | 28 | 36x2 | 47 | 30,5 | 41,5 | 36 | 41 | 104211.4 |
| | | 104212 | 35 | 45x2 | 56 | 34,5 | 51 | 41 | 50 | 104212.4 |
| 104213 | | 42 | 52x2 | 63 | 40 | 56 | 50 | 60 | 104213.4 | |
| S | 630 | 104214 | 6 | 14x1,5 | 31 | 16 | 27 | 12 | 17 | 104214.4 |
| | | 104215 | 8 | 16x1,5 | 32 | 17 | 27,5 | 14 | 19 | 104215.4 |
| | | 104216 | 10 | 18x1,5 | 34 | 17,5 | 30 | 17 | 22 | 104216.4 |
| | | 104217 | 12 | 20x1,5 | 38 | 21,5 | 31 | 17 | 24 | 104217.4 |
| | | 104218 | 14 | 22x1,5 | 40 | 22 | 35 | 19 | 27 | 104218.4 |
| | 400 | 104219 | 16 | 24x1,5 | 43 | 24,5 | 36,5 | 24 | 30 | 104219.4 |
| | | 104220 | 20 | 30x2 | 48 | 26,5 | 44,5 | 27 | 36 | 104220.4 |
| | | 104221 | 25 | 36x2 | 54 | 30 | 50 | 36 | 46 | 104221.4 |
| | | 104222 | 30 | 42x2 | 62 | 35,5 | 55 | 41 | 50 | 104222.4 |
| | | 104223 | 38 | 52x2 | 72 | 41 | 63 | 50 | 60 | 104223.4 |

Note: If you wish to order a fitting in stainless steel, please change the first two digit from 10.. to 11..

ADJUSTABLE MALE STUD ELBOW WITH MALE STUD
Thread BSP Parallel - Thread Metric Parallel

Type: 1043...1 B3 Ring
Type: 1044...1 B3 Ring

1043...1.4 B4 Ring
1044...1.4 B4 Ring



| Serie | Bar | Ordering Preassembled B3 | Ø Tube | G | L1 | L2 | L3 | L4 | L5 | CH1 | CH2 | CH3 | Ordering Preassembled B4 |
|-------|----------|--------------------------|----------|-------|------|------|------|------|----|-----|-----|------------|--------------------------|
| L | 315 | 104304.1 | 6 | 1/8 | 19 | 12 | 42,5 | 34,5 | 8 | 12 | 14 | 14 | 104304.1.4 |
| | | 104305.1 | 8 | 1/4 | 21 | 14 | 49 | 37 | 12 | 12 | 17 | 19 | 104305.1.4 |
| | | 104306.1 | 10 | 1/4 | 22 | 15 | 51,5 | 39,5 | 12 | 14 | 19 | 19 | 104306.1.4 |
| | | 104307.1 | 12 | 3/8 | 24 | 17 | 53,5 | 41,5 | 12 | 17 | 22 | 22 | 104307.1.4 |
| | | 104308.1 | 15 | 1/2 | 28 | 21 | 60 | 46 | 14 | 19 | 27 | 27 | 104308.1.4 |
| | 104309.1 | 18 | 1/2 | 31 | 23,5 | 63,5 | 49,5 | 14 | 24 | 32 | 27 | 104309.1.4 | |
| | 160 | 104310.1 | 22 | 3/4 | 35 | 27,5 | 70,5 | 54,5 | 16 | 27 | 36 | 32 | 104310.1.4 |
| | | 104311.1 | 28 | 1 | 38 | 30,5 | 77 | 59 | 18 | 36 | 41 | 41 | 104311.1.4 |
| | | 104312.1 | 35 | 1 1/4 | 45 | 34,5 | 88,5 | 68,5 | 20 | 41 | 50 | 50 | 104312.1.4 |
| | | 104313.1 | 42 | 1 1/2 | 51 | 40 | 97 | 75 | 22 | 50 | 60 | 55 | 104313.1.4 |
| S | | 630 | 104314.1 | 6 | 1/4 | 23 | 16 | 52 | 40 | 12 | 12 | 17 | 19 |
| | 104315.1 | | 8 | 1/4 | 24 | 17 | 54 | 42 | 12 | 14 | 19 | 19 | 104315.1.4 |
| | 104316.1 | | 10 | 3/8 | 25 | 17,5 | 56,5 | 44,5 | 12 | 17 | 22 | 22 | 104316.1.4 |
| | 104317.1 | | 12 | 3/8 | 29 | 21,5 | 59,5 | 47,5 | 12 | 17 | 24 | 22 | 104317.1.4 |
| | 104318.1 | | 14 | 1/2 | 30 | 22 | 67,5 | 53,5 | 14 | 19 | 27 | 27 | 104318.1.4 |
| | 400 | 104319.1 | 16 | 1/2 | 33 | 24,5 | 68,5 | 54,5 | 14 | 24 | 30 | 27 | 104319.1.4 |
| | | 104320.1 | 20 | 3/4 | 37 | 26,5 | 80,5 | 64,5 | 16 | 27 | 36 | 32 | 104320.1.4 |
| | | 104321.1 | 25 | 1 | 42 | 30 | 90,5 | 72,5 | 18 | 36 | 46 | 41 | 104321.1.4 |
| | | 104322.1 | 30 | 1 1/4 | 49 | 35,5 | 98,5 | 78,5 | 20 | 41 | 50 | 50 | 104322.1.4 |
| | | 104323.1 | 38 | 1 1/2 | 57 | 41 | 111 | 89 | 22 | 50 | 60 | 55 | 104323.1.4 |

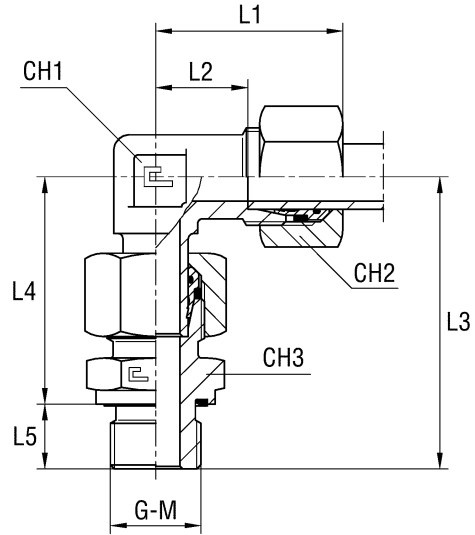
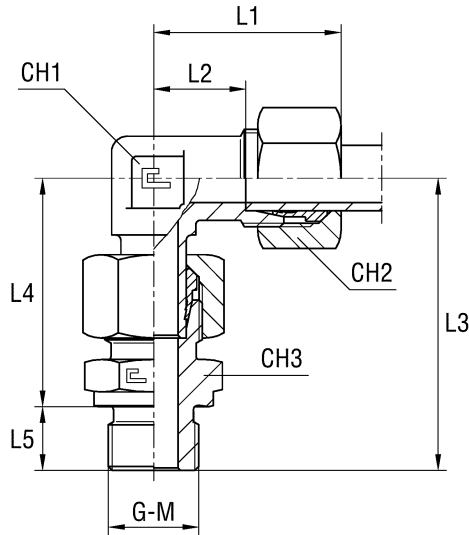
Note: If you wish to order a fitting in stainless steel, please change the first two digit from 10.. to 11..

| Serie | Bar | Ordering Preassembled B3 | Ø Tube | M | L1 | L2 | L3 | L4 | L5 | CH1 | CH2 | CH3 | Ordering Preassembled B4 |
|-------|----------|--------------------------|----------|--------|--------|------|------|------|----|-----|-----|------------|--------------------------|
| L | 315 | 104404.1 | 6 | 10x1 | 19 | 12 | 42,5 | 34,5 | 8 | 12 | 14 | 14 | 104404.1.4 |
| | | 104405.1 | 8 | 12x1,5 | 21 | 14 | 49 | 37 | 12 | 12 | 17 | 17 | 104405.1.4 |
| | | 104406.1 | 10 | 14x1,5 | 22 | 15 | 51,5 | 39,5 | 12 | 14 | 19 | 19 | 104406.1.4 |
| | | 104407.1 | 12 | 16x1,5 | 24 | 17 | 53,5 | 41,5 | 12 | 17 | 22 | 22 | 104407.1.4 |
| | | 104408.1 | 15 | 18x1,5 | 28 | 21 | 57,5 | 45,5 | 14 | 19 | 27 | 24 | 104408.1.4 |
| | 104409.1 | 18 | 22x1,5 | 31 | 23,5 | 63,5 | 49,5 | 14 | 24 | 32 | 27 | 104409.1.4 | |
| | 160 | 104410.1 | 22 | 26x1,5 | 35 | 27,5 | 70,5 | 54,5 | 16 | 27 | 36 | 32 | 104410.1.4 |
| | | 104411.1 | 28 | 33x2 | 38 | 30,5 | 77 | 59 | 18 | 36 | 41 | 41 | 104411.1.4 |
| | | 104412.1 | 35 | 42x2 | 45 | 34,5 | 88,5 | 68,5 | 20 | 41 | 50 | 50 | 104412.1.4 |
| | | 104413.1 | 42 | 48x2 | 51 | 40 | 97 | 75 | 22 | 50 | 60 | 55 | 104413.1.4 |
| S | | 630 | 104414.1 | 6 | 12x1,5 | 23 | 16 | 52 | 40 | 12 | 12 | 17 | 17 |
| | 104415.1 | | 8 | 14x1,5 | 24 | 17 | 54 | 42 | 12 | 14 | 19 | 19 | 104415.1.4 |
| | 104416.1 | | 10 | 16x1,5 | 25 | 17,5 | 56,5 | 44,5 | 12 | 17 | 22 | 22 | 104416.1.4 |
| | 104417.1 | | 12 | 18x1,5 | 29 | 21,5 | 59,5 | 47,5 | 12 | 17 | 24 | 24 | 104417.1.4 |
| | 104418.1 | | 14 | 20x1,5 | 30 | 22 | 67,5 | 53,5 | 14 | 19 | 27 | 27 | 104418.1.4 |
| | 400 | 104419.1 | 16 | 22x1,5 | 33 | 24,5 | 68,5 | 54,5 | 14 | 24 | 30 | 27 | 104419.1.4 |
| | | 104420.1 | 20 | 27x2 | 37 | 26,5 | 80,5 | 64,5 | 16 | 27 | 36 | 32 | 104420.1.4 |
| | | 104421.1 | 25 | 33x2 | 42 | 30 | 90,5 | 72,5 | 18 | 36 | 46 | 41 | 104421.1.4 |
| | | 104422.1 | 30 | 42x2 | 49 | 35,5 | 98,5 | 78,5 | 20 | 41 | 50 | 50 | 104422.1.4 |
| | | 104423.1 | 38 | 48x2 | 57 | 41 | 111 | 89 | 22 | 50 | 60 | 55 | 104423.1.4 |

Note: If you wish to order a fitting in stainless steel, please change the first two digit from 10.. to 11..

ADJUSTABLE MALE STUD ELBOW WITH MALE STUD
Thread BSP Parallel - Thread Metric Parallel

 Type: 1043.. B3 Ring
 Type: 1044.. B3 Ring

 Type: 1043...4 B4 Ring
 Type: 1044...4 B4 Ring


| Serie | Bar | Ordering Preassembled B3 | Ø Tube | G | L1 | L2 | L3 | L4 | L5 | CH1 | CH2 | CH3 | Ordering Preassembled B4 |
|-------|--------|--------------------------|--------|-------|-------|------|------|------|----|-----|-----|----------|--------------------------|
| L | 315 | 104304 | 6 | 1/8 | 27 | 12 | 42,5 | 34,5 | 8 | 12 | 14 | 14 | 104304.4 |
| | | 104305 | 8 | 1/4 | 29 | 14 | 49 | 37 | 12 | 12 | 17 | 19 | 104305.4 |
| | | 104306 | 10 | 1/4 | 30 | 15 | 51,5 | 39,5 | 12 | 14 | 19 | 19 | 104306.4 |
| | | 104307 | 12 | 3/8 | 32 | 17 | 53,5 | 41,5 | 12 | 17 | 22 | 22 | 104307.4 |
| | | 104308 | 15 | 1/2 | 36 | 21 | 60 | 46 | 14 | 19 | 27 | 27 | 104308.4 |
| | 104309 | 18 | 1/2 | 40 | 23,5 | 63,5 | 49,5 | 14 | 24 | 32 | 27 | 104309.4 | |
| | 160 | 104310 | 22 | 3/4 | 44 | 27,5 | 70,5 | 54,5 | 16 | 27 | 36 | 32 | 104310.4 |
| | | 104311 | 28 | 1 | 47 | 30,5 | 77 | 59 | 18 | 36 | 41 | 41 | 104311.4 |
| | | 104312 | 35 | 1 1/4 | 56 | 34,5 | 88,5 | 68,5 | 20 | 41 | 50 | 50 | 104312.4 |
| | | 104313 | 42 | 1 1/2 | 63 | 40 | 97 | 75 | 22 | 50 | 60 | 55 | 104313.4 |
| S | | 630 | 104314 | 6 | 1/4 | 31 | 16 | 52 | 40 | 12 | 12 | 17 | 19 |
| | 104315 | | 8 | 1/4 | 32 | 17 | 54 | 42 | 12 | 14 | 19 | 19 | 104315.4 |
| | 104316 | | 10 | 3/8 | 34 | 17,5 | 56,5 | 44,5 | 12 | 17 | 22 | 22 | 104316.4 |
| | 104317 | | 12 | 3/8 | 38 | 21,5 | 59,5 | 47,5 | 12 | 17 | 24 | 22 | 104317.4 |
| | 104318 | | 14 | 1/2 | 40 | 22 | 67,5 | 53,5 | 14 | 19 | 27 | 27 | 104318.4 |
| | 400 | 104319 | 16 | 1/2 | 43 | 24,5 | 68,5 | 54,5 | 14 | 24 | 30 | 27 | 104319.4 |
| | | 104320 | 20 | 3/4 | 48 | 26,5 | 80,5 | 64,5 | 16 | 27 | 36 | 32 | 104320.4 |
| | | 104321 | 25 | 1 | 54 | 30 | 90,5 | 72,5 | 18 | 36 | 46 | 41 | 104321.4 |
| | | 104322 | 30 | 1 1/4 | 62 | 35,5 | 98,5 | 78,5 | 20 | 41 | 50 | 50 | 104322.4 |
| | | 315 | 104323 | 38 | 1 1/2 | 72 | 41 | 111 | 89 | 22 | 50 | 60 | 55 |

Note: If you wish to order a fitting in stainless steel, please change the first two digit from 10.. to 11..

| Serie | Bar | Ordering Preassembled B3 | Ø Tube | M | L1 | L2 | L3 | L4 | L5 | CH1 | CH2 | CH3 | Ordering Preassembled B4 |
|-------|--------|--------------------------|--------|--------|--------|------|------|------|----|-----|-----|----------|--------------------------|
| L | 315 | 104404 | 6 | 10x1 | 27 | 12 | 42,5 | 34,5 | 8 | 12 | 14 | 14 | 104404.4 |
| | | 104405 | 8 | 12x1,5 | 29 | 14 | 49 | 37 | 12 | 12 | 17 | 17 | 104405.4 |
| | | 104406 | 10 | 14x1,5 | 30 | 15 | 51,5 | 39,5 | 12 | 14 | 19 | 19 | 104406.4 |
| | | 104407 | 12 | 16x1,5 | 32 | 17 | 53,5 | 41,5 | 12 | 17 | 22 | 22 | 104407.4 |
| | | 104408 | 15 | 18x1,5 | 36 | 21 | 57,5 | 45,5 | 14 | 19 | 27 | 24 | 104408.4 |
| | 104409 | 18 | 22x1,5 | 40 | 23,5 | 63,5 | 49,5 | 14 | 24 | 32 | 27 | 104409.4 | |
| | 160 | 104410 | 22 | 26x1,5 | 44 | 27,5 | 70,5 | 54,5 | 16 | 27 | 36 | 32 | 104410.4 |
| | | 104411 | 28 | 33x2 | 47 | 30,5 | 77 | 59 | 18 | 36 | 41 | 41 | 104411.4 |
| | | 104412 | 35 | 42x2 | 56 | 34,5 | 88,5 | 68,5 | 20 | 41 | 50 | 50 | 104412.4 |
| | | 104413 | 42 | 48x2 | 63 | 40 | 97 | 75 | 22 | 50 | 60 | 55 | 104413.4 |
| S | | 630 | 104414 | 6 | 12x1,5 | 31 | 16 | 52 | 40 | 12 | 12 | 17 | 17 |
| | 104415 | | 8 | 14x1,5 | 32 | 17 | 54 | 42 | 12 | 14 | 19 | 19 | 104415.4 |
| | 104416 | | 10 | 16x1,5 | 34 | 17,5 | 56,5 | 44,5 | 12 | 17 | 22 | 22 | 104416.4 |
| | 104417 | | 12 | 18x1,5 | 38 | 21,5 | 59,5 | 47,5 | 12 | 17 | 24 | 24 | 104417.4 |
| | 104418 | | 14 | 20x1,5 | 40 | 22 | 67,5 | 53,5 | 14 | 19 | 27 | 27 | 104418.4 |
| | 400 | 104419 | 16 | 22x1,5 | 43 | 24,5 | 68,5 | 54,5 | 14 | 24 | 30 | 27 | 104419.4 |
| | | 104420 | 20 | 27x2 | 48 | 26,5 | 80,5 | 64,5 | 16 | 27 | 36 | 32 | 104420.4 |
| | | 104421 | 25 | 33x2 | 54 | 30 | 90,5 | 72,5 | 18 | 36 | 46 | 41 | 104421.4 |
| | | 104422 | 30 | 42x2 | 62 | 35,5 | 98,5 | 78,5 | 20 | 41 | 50 | 50 | 104422.4 |
| | | 315 | 104423 | 38 | 48x2 | 72 | 41 | 111 | 89 | 22 | 50 | 60 | 55 |

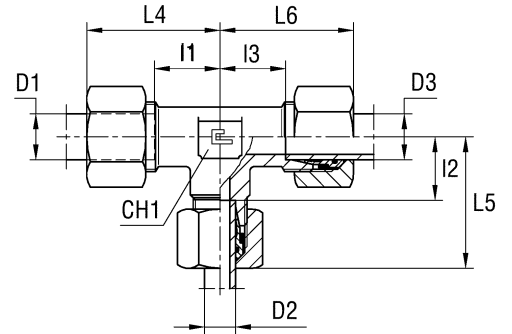
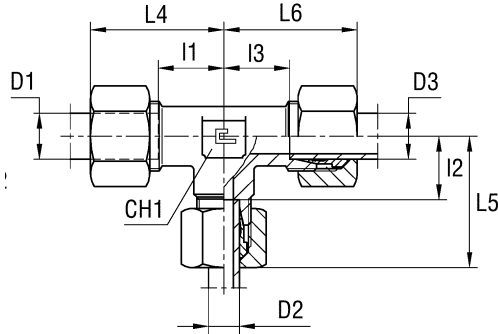
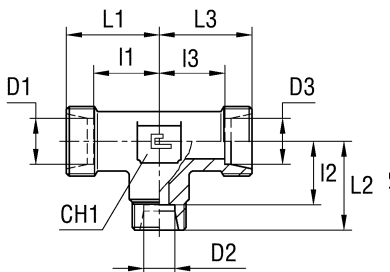
Note: If you wish to order a fitting in stainless steel, please change the first two digit from 10.. to 11..

REDUCING TEE

Type: 1045...1 Only Body

Type: 1045... B3 Ring

Type: 1045...4 B4 Ring



| Serie | Bar | Ordering Body | Ordering Equipped B3 | Ø Tube | | | L1 | L2 | L3 | L4 | L5 | L6 | I1 | I2 | I3 | CH1 | Ordering Equipped B4 |
|----------|--------|---------------|----------------------|--------|----|----|----|----|----|----|----|------|------|------|------|----------|----------------------|
| | | | | D1 | D2 | D3 | | | | | | | | | | | |
| L | 315 | 104503.1 | 104503 | 6 | 8 | 6 | 21 | 21 | 21 | 29 | 29 | 29 | 14 | 14 | 14 | 12 | 104503.4 |
| | | 104504.1 | 104504 | 8 | 6 | 8 | 21 | 21 | 21 | 29 | 29 | 29 | 14 | 14 | 14 | 12 | 104504.4 |
| | | 104505.1 | 104505 | 6 | 10 | 6 | 21 | 22 | 21 | 29 | 30 | 29 | 14 | 15 | 14 | 14 | 104505.4 |
| | | 104506.1 | 104506 | 8 | 10 | 8 | 21 | 22 | 21 | 29 | 30 | 29 | 14 | 15 | 14 | 14 | 104506.4 |
| | | 104507.1 | 104507 | 10 | 6 | 10 | 22 | 21 | 22 | 30 | 29 | 30 | 15 | 14 | 15 | 14 | 104507.4 |
| | | 104508.1 | 104508 | 10 | 8 | 10 | 22 | 21 | 22 | 30 | 29 | 30 | 15 | 14 | 15 | 14 | 104508.4 |
| | | 104509.1 | 104509 | 10 | 10 | 6 | 22 | 22 | 21 | 30 | 30 | 29 | 15 | 15 | 14 | 14 | 104509.4 |
| | | 104510.1 | 104510 | 8 | 12 | 8 | 23 | 24 | 23 | 31 | 32 | 31 | 16 | 17 | 16 | 17 | 104510.4 |
| | | 104511.1 | 104511 | 12 | 6 | 12 | 24 | 23 | 24 | 32 | 31 | 32 | 17 | 16 | 17 | 17 | 104511.4 |
| | | 104512.1 | 104512 | 12 | 8 | 8 | 24 | 23 | 23 | 32 | 31 | 31 | 17 | 16 | 16 | 17 | 104512.4 |
| | | 104513.1 | 104513 | 12 | 8 | 12 | 24 | 23 | 24 | 32 | 31 | 32 | 17 | 16 | 17 | 17 | 104513.4 |
| | | 104514.1 | 104514 | 12 | 10 | 10 | 24 | 24 | 24 | 32 | 32 | 32 | 17 | 17 | 17 | 17 | 104514.4 |
| | | 104515.1 | 104515 | 12 | 10 | 12 | 24 | 24 | 24 | 32 | 32 | 32 | 17 | 17 | 17 | 17 | 104515.4 |
| | | 104516.1 | 104516 | 12 | 12 | 10 | 24 | 24 | 24 | 32 | 32 | 32 | 17 | 17 | 17 | 17 | 104516.4 |
| | | 104517.1 | 104517 | 10 | 15 | 10 | 27 | 28 | 27 | 35 | 36 | 35 | 20 | 21 | 20 | 19 | 104517.4 |
| | | 104518.1 | 104518 | 12 | 15 | 12 | 27 | 28 | 27 | 35 | 36 | 35 | 20 | 21 | 20 | 19 | 104518.4 |
| | | 104519.1 | 104519 | 15 | 6 | 15 | 28 | 25 | 28 | 36 | 33 | 36 | 21 | 18 | 21 | 19 | 104519.4 |
| | | 104520.1 | 104520 | 15 | 10 | 15 | 28 | 27 | 28 | 36 | 35 | 36 | 21 | 20 | 21 | 19 | 104520.4 |
| | | 104521.1 | 104521 | 15 | 12 | 12 | 28 | 27 | 27 | 36 | 35 | 35 | 21 | 20 | 20 | 19 | 104521.4 |
| | | 104522.1 | 104522 | 15 | 12 | 15 | 28 | 27 | 28 | 36 | 35 | 36 | 21 | 20 | 21 | 19 | 104522.4 |
| | | 104523.1 | 104523 | 15 | 15 | 12 | 28 | 28 | 27 | 36 | 36 | 35 | 21 | 21 | 20 | 19 | 104523.4 |
| | | 104524.1 | 104524 | 12 | 18 | 12 | 30 | 31 | 30 | 38 | 40 | 38 | 23 | 23,5 | 23 | 24 | 104524.4 |
| | | 104525.1 | 104525 | 18 | 10 | 10 | 31 | 30 | 30 | 40 | 38 | 38 | 23,5 | 23 | 23 | 24 | 104525.4 |
| | | 104526.1 | 104526 | 18 | 10 | 18 | 31 | 30 | 31 | 40 | 38 | 40 | 23,5 | 23 | 23,5 | 24 | 104526.4 |
| | | 104527.1 | 104527 | 18 | 12 | 18 | 31 | 30 | 31 | 40 | 38 | 40 | 23,5 | 23 | 23,5 | 24 | 104527.4 |
| | | 104528.1 | 104528 | 18 | 15 | 18 | 31 | 31 | 31 | 40 | 39 | 40 | 23,5 | 24 | 23,5 | 24 | 104528.4 |
| | | 104529.1 | 104529 | 18 | 18 | 10 | 31 | 31 | 30 | 40 | 40 | 38 | 23,5 | 23,5 | 23 | 24 | 104529.4 |
| | | 160 | 104530.1 | 104530 | 22 | 10 | 22 | 35 | 33 | 35 | 44 | 41 | 44 | 27,5 | 26 | 27,5 | 27 |
| 104531.1 | 104531 | | 22 | 12 | 22 | 35 | 33 | 35 | 44 | 41 | 44 | 27,5 | 26 | 27,5 | 27 | 104531.4 | |
| 104532.1 | 104532 | | 22 | 15 | 15 | 35 | 34 | 34 | 44 | 42 | 42 | 27,5 | 27 | 27 | 27 | 104532.4 | |
| 104533.1 | 104533 | | 22 | 15 | 22 | 35 | 34 | 35 | 44 | 42 | 44 | 27,5 | 27 | 27,5 | 27 | 104533.4 | |
| 104534.1 | 104534 | | 22 | 18 | 18 | 35 | 34 | 34 | 44 | 43 | 43 | 27,5 | 26,5 | 26,5 | 27 | 104534.4 | |
| 104535.1 | 104535 | | 22 | 18 | 22 | 35 | 34 | 35 | 44 | 43 | 44 | 27,5 | 26,5 | 27,5 | 27 | 104535.4 | |
| 104536.1 | 104536 | | 22 | 22 | 18 | 35 | 35 | 34 | 44 | 44 | 43 | 27,5 | 27,5 | 26,5 | 27 | 104536.4 | |
| 104537.1 | 104537 | | 28 | 10 | 28 | 38 | 36 | 38 | 47 | 44 | 47 | 30,5 | 29 | 30,5 | 36 | 104537.4 | |
| 104538.1 | 104538 | | 28 | 12 | 28 | 38 | 36 | 38 | 47 | 44 | 47 | 30,5 | 29 | 30,5 | 36 | 104538.4 | |
| 104539.1 | 104539 | | 28 | 15 | 28 | 38 | 37 | 38 | 47 | 45 | 47 | 30,5 | 30 | 30,5 | 36 | 104539.4 | |
| 104540.1 | 104540 | | 28 | 18 | 28 | 38 | 37 | 38 | 47 | 46 | 47 | 30,5 | 29,5 | 30,5 | 36 | 104540.4 | |
| 104541.1 | 104541 | | 28 | 22 | 22 | 38 | 38 | 38 | 47 | 47 | 47 | 30,5 | 30,5 | 30,5 | 36 | 104541.4 | |
| 104542.1 | 104542 | | 28 | 22 | 28 | 38 | 38 | 38 | 47 | 47 | 47 | 30,5 | 30,5 | 30,5 | 36 | 104542.4 | |

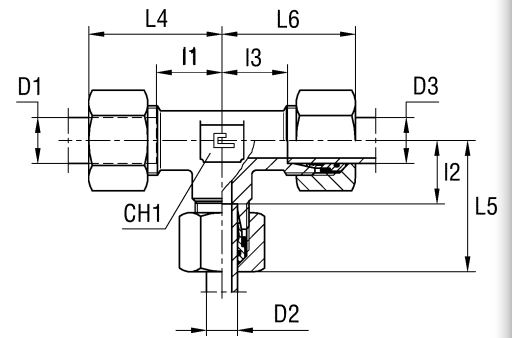
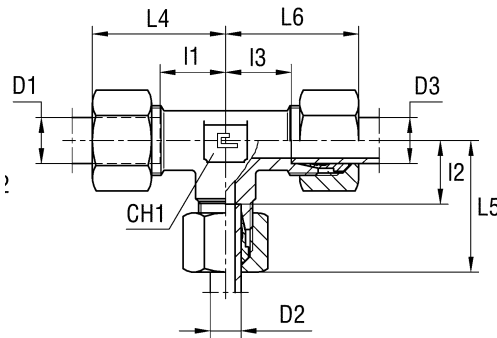
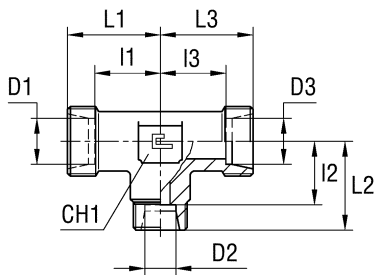
Note: If you wish to order a fitting in stainless steel, please change the first two digit from 10.. to 11..
Articles available on request only

REDUCING TEE

Type: 1045...1 Only Body

Type: 1045... B3 Ring

Type: 1045...4 B4 Ring



| Serie | Bar | Ordering Body | Ordering Equipped B3 | Ø Tube | | | L1 | L2 | L3 | L4 | L5 | L6 | I1 | I2 | I3 | CH1 | Ordering Equipped B4 |
|-------|-----|---------------|----------------------|--------|----|----|----|----|----|----|----|----|------|------|------|-----|----------------------|
| | | | | D1 | D2 | D3 | | | | | | | | | | | |
| S | 630 | 104543.1 | 104543 | 10 | 6 | 10 | 25 | 25 | 25 | 34 | 33 | 34 | 17,5 | 18 | 17,5 | 17 | 104543.4 |
| | | 104544.1 | 104544 | 12 | 8 | 8 | 29 | 25 | 25 | 38 | 33 | 33 | 21,5 | 18 | 18 | 19 | 104544.4 |
| | | 104545.1 | 104545 | 12 | 8 | 12 | 29 | 25 | 29 | 38 | 33 | 38 | 21,5 | 18 | 21,5 | 19 | 104545.4 |
| | | 104546.1 | 104546 | 12 | 10 | 12 | 29 | 25 | 29 | 38 | 34 | 38 | 21,5 | 17,5 | 21,5 | 19 | 104546.4 |
| | 400 | 104547.1 | 104547 | 12 | 16 | 12 | 31 | 33 | 31 | 40 | 43 | 40 | 23,5 | 24,5 | 23,5 | 24 | 104547.4 |
| | | 104548.1 | 104548 | 16 | 6 | 16 | 33 | 31 | 33 | 43 | 39 | 43 | 24,5 | 24 | 24,5 | 24 | 104548.4 |
| | | 104549.1 | 104549 | 16 | 8 | 16 | 33 | 31 | 33 | 43 | 39 | 43 | 24,5 | 24 | 24,5 | 24 | 104549.4 |
| | | 104550.1 | 104550 | 16 | 10 | 16 | 33 | 31 | 33 | 43 | 40 | 43 | 24,5 | 23,5 | 24,5 | 24 | 104550.4 |
| | | 104551.1 | 104551 | 16 | 12 | 16 | 33 | 31 | 33 | 43 | 40 | 43 | 24,5 | 23,5 | 24,5 | 24 | 104551.4 |
| | | 104552.1 | 104552 | 16 | 20 | 16 | 36 | 37 | 36 | 46 | 48 | 46 | 27,5 | 26,5 | 27,5 | 27 | 104552.4 |
| | | 104553.1 | 104553 | 20 | 10 | 20 | 37 | 34 | 37 | 48 | 43 | 48 | 26,5 | 26,5 | 26,5 | 27 | 104553.4 |
| | | 104554.1 | 104554 | 20 | 12 | 20 | 37 | 34 | 37 | 48 | 43 | 48 | 26,5 | 26,5 | 26,5 | 27 | 104554.4 |
| | | 104555.1 | 104555 | 20 | 16 | 20 | 37 | 36 | 37 | 48 | 46 | 48 | 26,5 | 27,5 | 26,5 | 27 | 104555.4 |
| | | 104556.1 | 104556 | 20 | 25 | 20 | 40 | 42 | 40 | 51 | 54 | 51 | 29,5 | 30 | 29,5 | 36 | 104556.4 |
| | | 104557.1 | 104557 | 25 | 16 | 25 | 42 | 39 | 42 | 54 | 49 | 54 | 30 | 30,5 | 30 | 36 | 104557.4 |
| | | 104558.1 | 104558 | 25 | 20 | 25 | 42 | 40 | 42 | 54 | 51 | 54 | 30 | 29,5 | 30 | 36 | 104558.4 |
| | | 104559.1 | 104559 | 25 | 30 | 25 | 47 | 49 | 47 | 59 | 62 | 59 | 35 | 35,5 | 35 | 41 | 104559.4 |

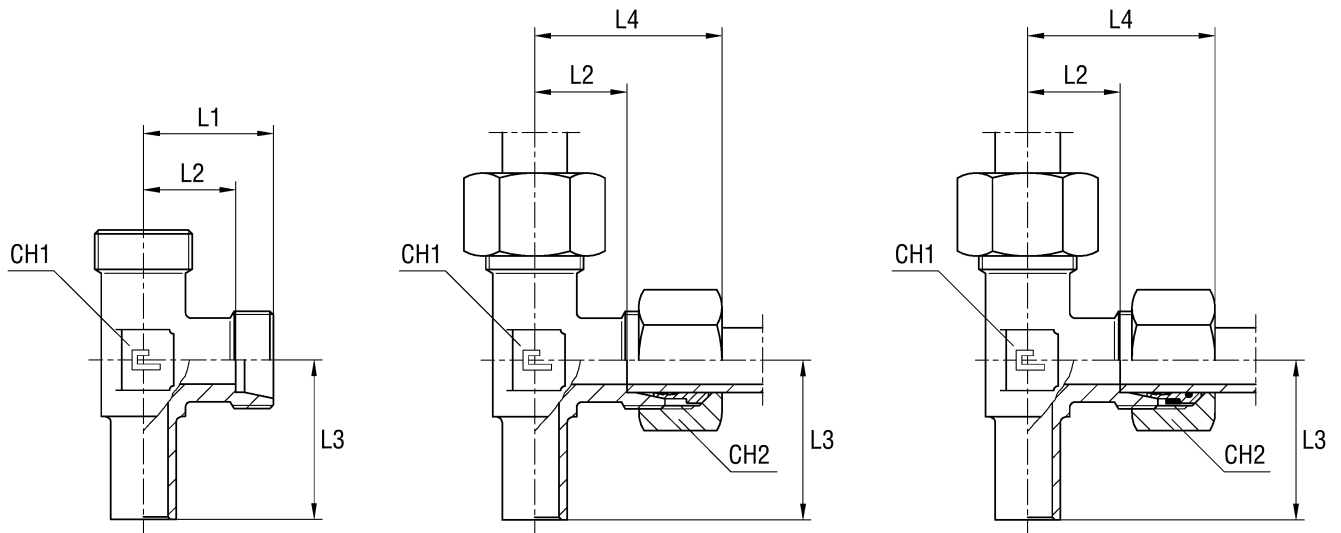
Note: If you wish to order a fitting in stainless steel, please change the first two digit from 10.. to 11..
 Articles available on request only

ADJUSTABLE MALE STUD BARREL TEE

Type: 10NTL...1 Only Body

Type: 10NTL... B3 Ring

10NTL...4 B4 Ring



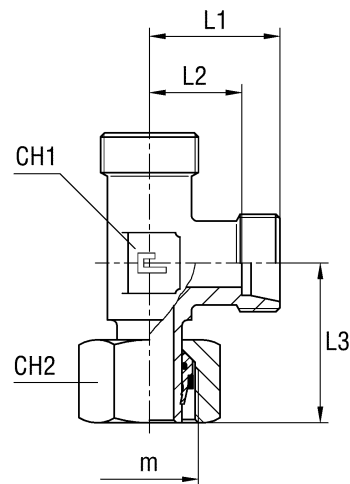
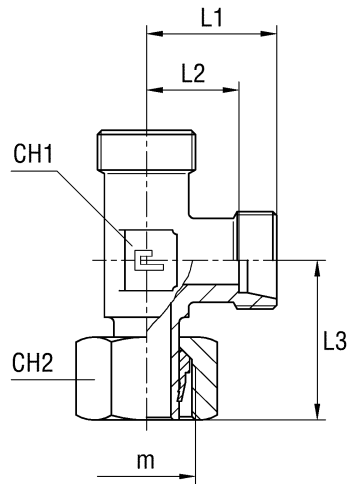
| Serie | Bar | Ordering Body | Ordering Assembled B3 | Ø Tube | L1 | L2 | L3 | L4 | CH1 | CH2 | Ordering Assembled B4 |
|-------|-----------|---------------|-----------------------|---------|------|------|------|----|-----|-----------|-----------------------|
| L | 315 | 10NTL04.1 | 10NTL04 | 6 | 19 | 12 | 26 | 27 | 12 | 14 | 10NTL04.4 |
| | | 10NTL05.1 | 10NTL05 | 8 | 21 | 14 | 27,5 | 29 | 12 | 17 | 10NTL05.4 |
| | | 10NTL06.1 | 10NTL06 | 10 | 22 | 15 | 29 | 30 | 14 | 19 | 10NTL06.4 |
| | | 10NTL07.1 | 10NTL07 | 12 | 24 | 17 | 29,5 | 32 | 17 | 22 | 10NTL07.4 |
| | | 10NTL08.1 | 10NTL08 | 15 | 28 | 21 | 32,5 | 36 | 19 | 27 | 10NTL08.4 |
| | 10NTL09.1 | 10NTL09 | 18 | 31 | 23,5 | 35,5 | 40 | 24 | 32 | 10NTL09.4 | |
| | 160 | 10NTL10.1 | 10NTL10 | 22 | 35 | 27,5 | 38,5 | 44 | 27 | 36 | 10NTL10.4 |
| | | 10NTL11.1 | 10NTL11 | 28 | 38 | 30,5 | 41,5 | 47 | 36 | 41 | 10NTL11.4 |
| | | 10NTL12.1 | 10NTL12 | 35 | 45 | 34,5 | 51 | 56 | 41 | 50 | 10NTL12.4 |
| | | 10NTL13.1 | 10NTL13 | 42 | 51 | 40 | 56 | 63 | 50 | 60 | 10NTL13.4 |
| S | | 630 | 10NTL14.1 | 10NTL14 | 6 | 23 | 16 | 27 | 31 | 12 | 17 |
| | 10NTL15.1 | | 10NTL15 | 8 | 24 | 17 | 27,5 | 32 | 14 | 19 | 10NTL15.4 |
| | 10NTL16.1 | | 10NTL16 | 10 | 25 | 17,5 | 30 | 34 | 17 | 22 | 10NTL16.4 |
| | 10NTL17.1 | | 10NTL17 | 12 | 29 | 21,5 | 31 | 38 | 17 | 24 | 10NTL17.4 |
| | 10NTL18.1 | | 10NTL18 | 14 | 30 | 22 | 35 | 40 | 19 | 27 | 10NTL18.4 |
| | 400 | 10NTL19.1 | 10NTL19 | 16 | 33 | 24,5 | 36,5 | 43 | 24 | 30 | 10NTL19.4 |
| | | 10NTL20.1 | 10NTL20 | 20 | 37 | 26,5 | 44,5 | 48 | 27 | 36 | 10NTL20.4 |
| | | 10NTL21.1 | 10NTL21 | 25 | 42 | 30 | 50 | 54 | 36 | 46 | 10NTL21.4 |
| | | 10NTL22.1 | 10NTL22 | 30 | 49 | 35,5 | 55 | 62 | 41 | 50 | 10NTL22.4 |
| | | 315 | 10NTL23.1 | 10NTL23 | 38 | 57 | 41 | 63 | 72 | 50 | 60 |

Note: If you wish to order a fitting in stainless steel, please change the first two digit from 10.. to 11..

ADJUSTABLE MALE STUD BARREL TEE

Type: 1046...1 B3 Ring

Type: 1046...1.4 B4 Ring



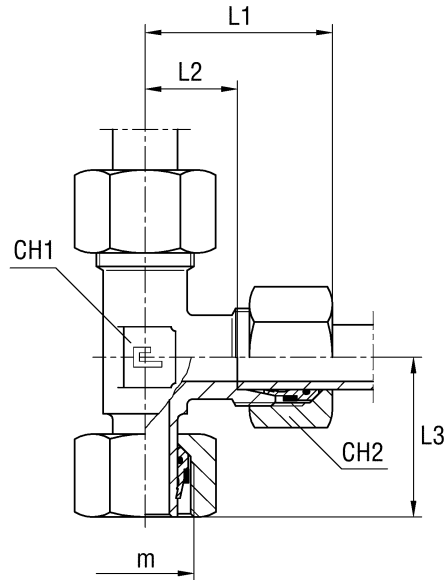
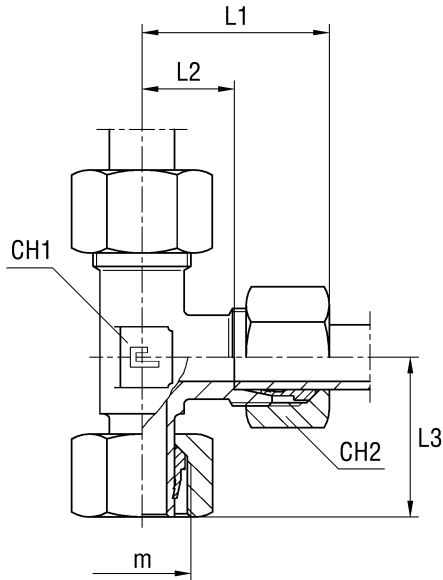
| Serie | Bar | Ordering Preassembled B3 | Ø Tube | m | L1 | L2 | L3 | CH1 | CH2 | Ordering Preassembled B4 |
|-------|-----|--------------------------|--------|--------|----|------|------|-----|-----|--------------------------|
| L | 315 | 104604.1 | 6 | 12x1,5 | 19 | 12 | 26 | 12 | 14 | 104604.1.4 |
| | | 104605.1 | 8 | 14x1,5 | 21 | 14 | 27,5 | 12 | 17 | 104605.1.4 |
| | | 104606.1 | 10 | 16x1,5 | 22 | 15 | 29 | 14 | 19 | 104606.1.4 |
| | | 104607.1 | 12 | 18x1,5 | 24 | 17 | 29,5 | 17 | 22 | 104607.1.4 |
| | | 104608.1 | 15 | 22x1,5 | 28 | 21 | 32,5 | 19 | 27 | 104608.1.4 |
| | | 104609.1 | 18 | 26x1,5 | 31 | 23,5 | 35,5 | 24 | 32 | 104609.1.4 |
| | 160 | 104610.1 | 22 | 30x2 | 35 | 27,5 | 38,5 | 27 | 36 | 104610.1.4 |
| | | 104611.1 | 28 | 36x2 | 38 | 30,5 | 41,5 | 36 | 41 | 104611.1.4 |
| | | 104612.1 | 35 | 45x2 | 45 | 34,5 | 51 | 41 | 50 | 104612.1.4 |
| | | 104613.1 | 42 | 52x2 | 51 | 40 | 56 | 50 | 60 | 104613.1.4 |
| S | 630 | 104614.1 | 6 | 14x1,5 | 23 | 16 | 27 | 12 | 17 | 104614.1.4 |
| | | 104615.1 | 8 | 16x1,5 | 24 | 17 | 27,5 | 14 | 19 | 104615.1.4 |
| | | 104616.1 | 10 | 18x1,5 | 25 | 17,5 | 30 | 17 | 22 | 104616.1.4 |
| | | 104617.1 | 12 | 20x1,5 | 29 | 21,5 | 31 | 17 | 24 | 104617.1.4 |
| | | 104618.1 | 14 | 22x1,5 | 30 | 22 | 35 | 19 | 27 | 104618.1.4 |
| | 400 | 104619.1 | 16 | 24x1,5 | 33 | 24,5 | 36,5 | 24 | 30 | 104619.1.4 |
| | | 104620.1 | 20 | 30x2 | 37 | 26,5 | 44,5 | 27 | 36 | 104620.1.4 |
| | | 104621.1 | 25 | 36x2 | 42 | 30 | 50 | 36 | 46 | 104621.1.4 |
| | | 104622.1 | 30 | 42x2 | 49 | 35,5 | 55 | 41 | 50 | 104622.1.4 |
| | | 104623.1 | 38 | 52x2 | 57 | 41 | 63 | 50 | 60 | 104623.1.4 |

Note: If you wish to order a fitting in stainless steel, please change the first two digit from 10.. to 11..

ADJUSTABLE MALE STUD BARREL TEE

Type: 1046.. B3 Ring

Type: 1046...4 B4 Ring



| Serie | Bar | Ordering Equipped B3 | Ø Tube | m | L1 | L2 | L3 | CH1 | CH2 | Ordering Equipped B4 |
|-------|--------|----------------------|--------|--------|------|------|------|-----|----------|----------------------|
| L | 315 | 104604 | 6 | 12x1,5 | 27 | 12 | 26 | 12 | 14 | 104604.4 |
| | | 104605 | 8 | 14x1,5 | 29 | 14 | 27,5 | 12 | 17 | 104605.4 |
| | | 104606 | 10 | 16x1,5 | 30 | 15 | 29 | 14 | 19 | 104606.4 |
| | | 104607 | 12 | 18x1,5 | 32 | 17 | 29,5 | 17 | 22 | 104607.4 |
| | | 104608 | 15 | 22x1,5 | 36 | 21 | 32,5 | 19 | 27 | 104608.4 |
| | 104609 | 18 | 26x1,5 | 40 | 23,5 | 35,5 | 24 | 32 | 104609.4 | |
| | 160 | 104610 | 22 | 30x2 | 44 | 27,5 | 38,5 | 27 | 36 | 104610.4 |
| | | 104611 | 28 | 36x2 | 47 | 30,5 | 41,5 | 36 | 41 | 104611.4 |
| | | 104612 | 35 | 45x2 | 56 | 34,5 | 51 | 41 | 50 | 104612.4 |
| | | 104613 | 42 | 52x2 | 63 | 40 | 56 | 50 | 60 | 104613.4 |
| S | 630 | 104614 | 6 | 14x1,5 | 31 | 16 | 27 | 12 | 17 | 104614.4 |
| | | 104615 | 8 | 16x1,5 | 32 | 17 | 27,5 | 14 | 19 | 104615.4 |
| | | 104616 | 10 | 18x1,5 | 34 | 17,5 | 30 | 17 | 22 | 104616.4 |
| | | 104617 | 12 | 20x1,5 | 38 | 21,5 | 31 | 17 | 24 | 104617.4 |
| | | 104618 | 14 | 22x1,5 | 40 | 22 | 35 | 19 | 27 | 104618.4 |
| | 400 | 104619 | 16 | 24x1,5 | 43 | 24,5 | 36,5 | 24 | 30 | 104619.4 |
| | | 104620 | 20 | 30x2 | 48 | 26,5 | 44,5 | 27 | 36 | 104620.4 |
| | | 104621 | 25 | 36x2 | 54 | 30 | 50 | 36 | 46 | 104621.4 |
| | | 104622 | 30 | 42x2 | 62 | 35,5 | 55 | 41 | 50 | 104622.4 |
| | | 104623 | 38 | 52x2 | 72 | 41 | 63 | 50 | 60 | 104623.4 |

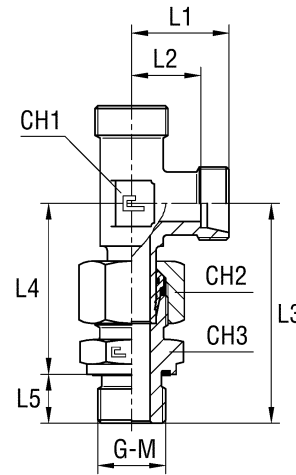
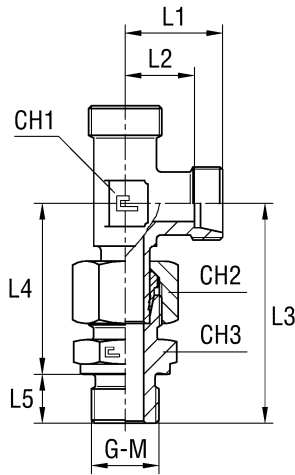
Note: If you wish to order a fitting in stainless steel, please change the first two digit from 10.. to 11..

ADJUSTABLE MALE STUD BARREL TEE WITH MALE STUD

Thread BSP Parallel - Thread Metric Parallel

Type: 1047...1 B3 Ring
 Type: 1048...1 B3 Ring

Type: 1047...1.4 B4 Ring
 Type: 1048...1.4 B4 Ring



| Serie | Bar | Ordering Preassembled B3 | Ø Tube | G | L1 | L2 | L3 | L4 | L5 | CH1 | CH2 | CH3 | Ordering Preassembled B4 |
|-------|-----|--------------------------|--------|-------|----|------|------|------|----|-----|-----|-----|--------------------------|
| L | 315 | 104704.1 | 6 | 1/8 | 19 | 12 | 42,5 | 34,5 | 8 | 12 | 14 | 14 | 104704.1.4 |
| | | 104705.1 | 8 | 1/4 | 21 | 14 | 49 | 37 | 12 | 12 | 17 | 19 | 104705.1.4 |
| | | 104706.1 | 10 | 1/4 | 22 | 15 | 51,5 | 39,5 | 12 | 14 | 19 | 19 | 104706.1.4 |
| | | 104707.1 | 12 | 3/8 | 24 | 17 | 53,5 | 41,5 | 12 | 17 | 22 | 22 | 104707.1.4 |
| | | 104708.1 | 15 | 1/2 | 28 | 21 | 60 | 46 | 14 | 19 | 27 | 27 | 104708.1.4 |
| | | 104709.1 | 18 | 1/2 | 31 | 23,5 | 63,5 | 49,5 | 14 | 24 | 32 | 27 | 104709.1.4 |
| | 160 | 104710.1 | 22 | 3/4 | 35 | 27,5 | 70,5 | 54,5 | 16 | 27 | 36 | 32 | 104710.1.4 |
| | | 104711.1 | 28 | 1 | 38 | 30,5 | 77 | 59 | 18 | 36 | 41 | 41 | 104711.1.4 |
| | | 104712.1 | 35 | 1 1/4 | 45 | 34,5 | 88,5 | 68,5 | 20 | 41 | 50 | 50 | 104712.1.4 |
| | | 104713.1 | 42 | 1 1/2 | 51 | 40 | 97 | 75 | 22 | 50 | 60 | 55 | 104713.1.4 |
| S | 630 | 104714.1 | 6 | 1/4 | 23 | 16 | 52 | 40 | 12 | 12 | 17 | 19 | 104714.1.4 |
| | | 104715.1 | 8 | 1/4 | 24 | 17 | 54 | 42 | 12 | 14 | 19 | 19 | 104715.1.4 |
| | | 104716.1 | 10 | 3/8 | 25 | 17,5 | 56,5 | 44,5 | 12 | 17 | 22 | 22 | 104716.1.4 |
| | | 104717.1 | 12 | 3/8 | 29 | 21,5 | 59,5 | 47,5 | 12 | 17 | 24 | 22 | 104717.1.4 |
| | | 104718.1 | 14 | 1/2 | 30 | 22 | 67,5 | 53,5 | 14 | 19 | 27 | 27 | 104718.1.4 |
| | 400 | 104719.1 | 16 | 1/2 | 33 | 24,5 | 68,5 | 54,5 | 14 | 24 | 30 | 27 | 104719.1.4 |
| | | 104720.1 | 20 | 3/4 | 37 | 26,5 | 80,5 | 64,5 | 16 | 27 | 36 | 32 | 104720.1.4 |
| | | 104721.1 | 25 | 1 | 42 | 30 | 90,5 | 72,5 | 18 | 36 | 46 | 41 | 104721.1.4 |
| | | 104722.1 | 30 | 1 1/4 | 49 | 35,5 | 98,5 | 78,5 | 20 | 41 | 50 | 50 | 104722.1.4 |
| | | 104723.1 | 38 | 1 1/2 | 57 | 41 | 111 | 89 | 22 | 50 | 60 | 55 | 104723.1.4 |

Note: If you wish to order a fitting in stainless steel, please change the first two digit from 10.. to 11..

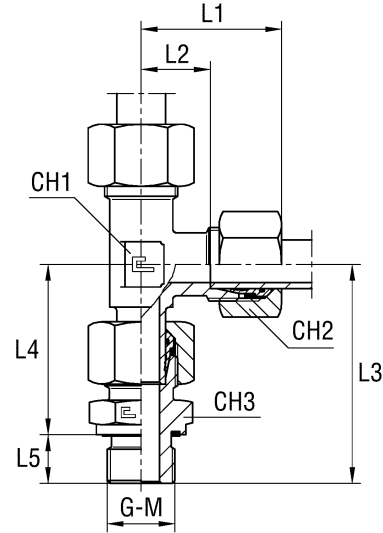
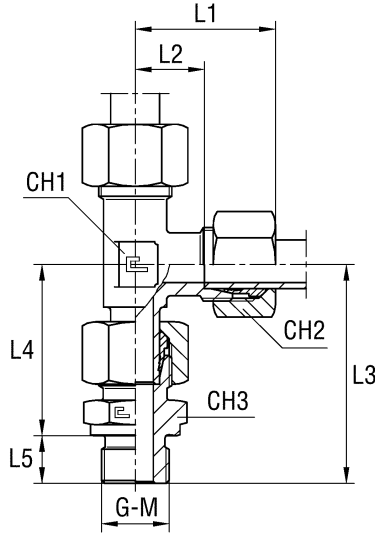
| Serie | Bar | Ordering Preassembled | Ø Tube | M | L1 | L2 | L3 | L4 | L5 | CH1 | CH2 | CH3 | Ordering Preassembled B4 |
|-------|-----|-----------------------|--------|--------|----|------|------|------|----|-----|-----|-----|--------------------------|
| L | 315 | 104804.1 | 6 | 10x1 | 19 | 12 | 42,5 | 34,5 | 8 | 12 | 14 | 14 | 104804.1.4 |
| | | 104805.1 | 8 | 12x1,5 | 21 | 14 | 49 | 37 | 12 | 12 | 17 | 19 | 104805.1.4 |
| | | 104806.1 | 10 | 14x1,5 | 22 | 15 | 51,5 | 39,5 | 12 | 14 | 19 | 19 | 104806.1.4 |
| | | 104807.1 | 12 | 16x1,5 | 24 | 17 | 53,5 | 41,5 | 12 | 17 | 22 | 22 | 104807.1.4 |
| | | 104808.1 | 15 | 18x1,5 | 28 | 21 | 60 | 46 | 14 | 19 | 27 | 27 | 104808.1.4 |
| | | 104809.1 | 18 | 22x1,5 | 31 | 23,5 | 63,5 | 49,5 | 14 | 24 | 32 | 27 | 104809.1.4 |
| | 160 | 104810.1 | 22 | 26x1,5 | 35 | 27,5 | 70,5 | 54,5 | 16 | 27 | 36 | 32 | 104810.1.4 |
| | | 104811.1 | 28 | 33x2 | 38 | 30,5 | 77 | 59 | 18 | 36 | 41 | 41 | 104811.1.4 |
| | | 104812.1 | 35 | 42x2 | 45 | 34,5 | 88,5 | 68,5 | 20 | 41 | 50 | 50 | 104812.1.4 |
| | | 104813.1 | 42 | 48x2 | 51 | 40 | 97 | 75 | 22 | 50 | 60 | 55 | 104813.1.4 |
| S | 630 | 104814.1 | 6 | 12x1,5 | 23 | 16 | 52 | 40 | 12 | 12 | 17 | 19 | 104814.1.4 |
| | | 104815.1 | 8 | 14x1,5 | 24 | 17 | 54 | 42 | 12 | 14 | 19 | 19 | 104815.1.4 |
| | | 104816.1 | 10 | 16x1,5 | 25 | 17,5 | 56,5 | 44,5 | 12 | 17 | 22 | 22 | 104816.1.4 |
| | | 104817.1 | 12 | 18x1,5 | 29 | 21,5 | 59,5 | 47,5 | 12 | 17 | 24 | 22 | 104817.1.4 |
| | | 104818.1 | 14 | 20x1,5 | 30 | 22 | 67,5 | 53,5 | 14 | 19 | 27 | 27 | 104818.1.4 |
| | 400 | 104819.1 | 16 | 22x1,5 | 33 | 24,5 | 68,5 | 54,5 | 14 | 24 | 30 | 27 | 104819.1.4 |
| | | 104820.1 | 20 | 27x2 | 37 | 26,5 | 80,5 | 64,5 | 16 | 27 | 36 | 32 | 104820.1.4 |
| | | 104821.1 | 25 | 33x2 | 42 | 30 | 90,5 | 72,5 | 18 | 36 | 46 | 41 | 104821.1.4 |
| | | 104822.1 | 30 | 42x2 | 49 | 35,5 | 98,5 | 78,5 | 20 | 41 | 50 | 50 | 104822.1.4 |
| | | 104823.1 | 38 | 48x2 | 57 | 41 | 111 | 89 | 22 | 50 | 60 | 55 | 104823.1.4 |

Note: If you wish to order a fitting in stainless steel, please change the first two digit from 10.. to 11..

ADJUSTABLE MALE STUD BARREL TEE WITH MALE STUD
Thread BSP Parallel - Thread Metric Parallel

Type: 1047.. B3 Ring
 Type: 1048.. B3 Ring

Type: 1047...4 B4 Ring
 Type: 1048...4 B4 Ring



| Serie | Bar | Ordering Equipped B3 | Ø Tube | G | L1 | L2 | L3 | L4 | L5 | CH1 | CH2 | CH3 | Ordering Equipped B4 |
|--------|--------|----------------------|--------|-------|------|------|------|------|----|-----|-----|----------|----------------------|
| L | 315 | 104704 | 6 | 1/8 | 27 | 12 | 42,5 | 34,5 | 8 | 12 | 14 | 14 | 104704.4 |
| | | 104705 | 8 | 1/4 | 29 | 14 | 49 | 37 | 12 | 12 | 17 | 19 | 104705.4 |
| | | 104706 | 10 | 1/4 | 30 | 15 | 51,5 | 39,5 | 12 | 14 | 19 | 19 | 104706.4 |
| | | 104707 | 12 | 3/8 | 32 | 17 | 53,5 | 41,5 | 12 | 17 | 22 | 22 | 104707.4 |
| | | 104708 | 15 | 1/2 | 36 | 21 | 60 | 46 | 14 | 19 | 27 | 27 | 104708.4 |
| | 104709 | 18 | 1/2 | 40 | 23,5 | 63,5 | 49,5 | 14 | 24 | 32 | 27 | 104709.4 | |
| | 160 | 104710 | 22 | 3/4 | 44 | 27,5 | 70,5 | 54,5 | 16 | 27 | 36 | 32 | 104710.4 |
| | | 104711 | 28 | 1 | 47 | 30,5 | 77 | 59 | 18 | 36 | 41 | 41 | 104711.4 |
| | | 104712 | 35 | 1 1/4 | 56 | 34,5 | 88,5 | 68,5 | 20 | 41 | 50 | 50 | 104712.4 |
| 104713 | | 42 | 1 1/2 | 63 | 40 | 97 | 75 | 22 | 50 | 60 | 55 | 104713.4 | |
| S | 630 | 104714 | 6 | 1/4 | 31 | 16 | 52 | 40 | 12 | 12 | 17 | 19 | 104714.4 |
| | | 104715 | 8 | 1/4 | 32 | 17 | 54 | 42 | 12 | 14 | 19 | 19 | 104715.4 |
| | | 104716 | 10 | 3/8 | 34 | 17,5 | 56,5 | 44,5 | 12 | 17 | 22 | 22 | 104716.4 |
| | | 104717 | 12 | 3/8 | 38 | 21,5 | 59,5 | 47,5 | 12 | 17 | 24 | 22 | 104717.4 |
| | | 104718 | 14 | 1/2 | 40 | 22 | 67,5 | 53,5 | 14 | 19 | 27 | 27 | 104718.4 |
| | 400 | 104719 | 16 | 1/2 | 43 | 24,5 | 68,5 | 54,5 | 14 | 24 | 30 | 27 | 104719.4 |
| | | 104720 | 20 | 3/4 | 48 | 26,5 | 80,5 | 64,5 | 16 | 27 | 36 | 32 | 104720.4 |
| | | 104721 | 25 | 1 | 54 | 30 | 90,5 | 72,5 | 18 | 36 | 46 | 41 | 104721.4 |
| | | 104722 | 30 | 1 1/4 | 62 | 35,5 | 98,5 | 78,5 | 20 | 41 | 50 | 50 | 104722.4 |
| 315 | 104723 | 38 | 1 1/2 | 72 | 41 | 111 | 89 | 22 | 50 | 60 | 55 | 104723.4 | |

Note: If you wish to order a fitting in stainless steel, please change the first two digit from 10.. to 11..

| Serie | Bar | Ordering Equipped B3 | Ø Tube | M | L1 | L2 | L3 | L4 | L5 | CH1 | CH2 | CH3 | Ordering Equipped B4 |
|--------|--------|----------------------|--------|--------|------|------|------|------|----|-----|-----|----------|----------------------|
| L | 315 | 104804 | 6 | 10x1 | 27 | 12 | 42,5 | 34,5 | 8 | 12 | 14 | 14 | 104804.4 |
| | | 104805 | 8 | 12x1,5 | 29 | 14 | 49 | 37 | 12 | 12 | 17 | 17 | 104805.4 |
| | | 104806 | 10 | 14x1,5 | 30 | 15 | 51,5 | 39,5 | 12 | 14 | 19 | 19 | 104806.4 |
| | | 104807 | 12 | 16x1,5 | 32 | 17 | 53,5 | 41,5 | 12 | 17 | 22 | 22 | 104807.4 |
| | | 104808 | 15 | 18x1,5 | 36 | 21 | 57,5 | 45,5 | 12 | 19 | 27 | 24 | 104808.4 |
| | 104809 | 18 | 22x1,5 | 40 | 23,5 | 63,5 | 49,5 | 14 | 24 | 32 | 27 | 104809.4 | |
| | 160 | 104810 | 22 | 26x1,5 | 44 | 27,5 | 70,5 | 54,5 | 16 | 27 | 36 | 32 | 104810.4 |
| | | 104811 | 28 | 33x2 | 47 | 30,5 | 77 | 59 | 18 | 36 | 41 | 41 | 104811.4 |
| | | 104812 | 35 | 42x2 | 56 | 34,5 | 88,5 | 68,5 | 20 | 41 | 50 | 50 | 104812.4 |
| 104813 | | 42 | 48x2 | 63 | 40 | 97 | 75 | 22 | 50 | 60 | 55 | 104813.4 | |
| S | 630 | 104814 | 6 | 12x1,5 | 31 | 16 | 52 | 40 | 12 | 12 | 17 | 17 | 104814.4 |
| | | 104815 | 8 | 14x1,5 | 32 | 17 | 54 | 42 | 12 | 14 | 19 | 19 | 104815.4 |
| | | 104816 | 10 | 16x1,5 | 34 | 17,5 | 56,5 | 44,5 | 12 | 17 | 22 | 22 | 104816.4 |
| | | 104817 | 12 | 18x1,5 | 38 | 21,5 | 59,5 | 47,5 | 12 | 17 | 24 | 24 | 104817.4 |
| | | 104818 | 14 | 20x1,5 | 40 | 22 | 67,5 | 53,5 | 14 | 19 | 27 | 27 | 104818.4 |
| | 400 | 104819 | 16 | 22x1,5 | 43 | 24,5 | 68,5 | 54,5 | 14 | 24 | 30 | 27 | 104819.4 |
| | | 104820 | 20 | 27x2 | 48 | 26,5 | 80,5 | 64,5 | 16 | 27 | 36 | 32 | 104820.4 |
| | | 104821 | 25 | 33x2 | 54 | 30 | 90,5 | 72,5 | 18 | 36 | 46 | 41 | 104821.4 |
| | | 104822 | 30 | 42x2 | 62 | 35,5 | 98,5 | 78,5 | 20 | 41 | 50 | 50 | 104822.4 |
| 315 | 104823 | 38 | 48x2 | 72 | 41 | 111 | 89 | 22 | 50 | 60 | 55 | 104823.4 | |

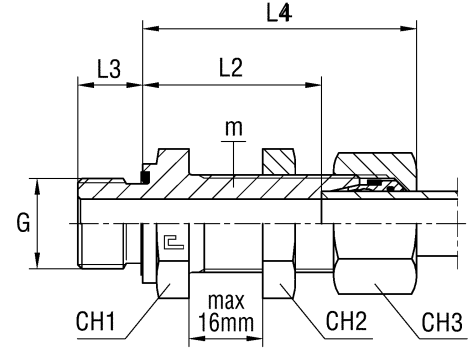
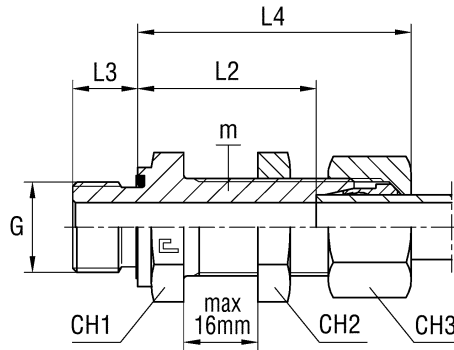
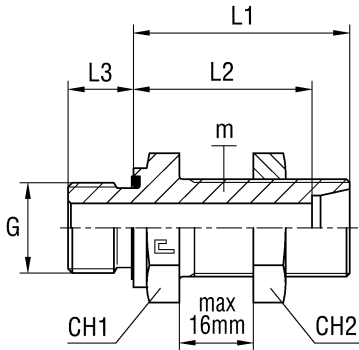
Note: If you wish to order a fitting in stainless steel, please change the first two digit from 10.. to 11..

BULKHEAD CONNECTION WITH ELASTOMER SEAL
Thread BSP Parallel

Type: 1049...1 Only Body

Type: 1049... B3 Ring

Type: 1049...4 B4 Ring



| Serie | Bar | Ordering Body | Ordering Equipped B3 | Ø Tube | m | G | L1 | L2 | L3 | L4 | CH1 | CH2 | CH3 | Ordering Equipped B4 |
|-------|----------|---------------|----------------------|--------|--------|-------|------|------|----|------|-----|-----|----------|----------------------|
| L | 315 | 104904.1 | 104904 | 6 | 12x1,5 | 1/8 | 39,5 | 32,5 | 8 | 47,5 | 17 | 17 | 14 | 104904.4 |
| | | 104905.1 | 104905 | 8 | 14x1,5 | 1/4 | 41 | 34 | 12 | 49 | 19 | 19 | 17 | 104905.4 |
| | | 104906.1 | 104906 | 10 | 16x1,5 | 1/4 | 43 | 36 | 12 | 51 | 22 | 22 | 19 | 104906.4 |
| | | 104907.1 | 104907 | 12 | 18x1,5 | 3/8 | 44,5 | 37,5 | 12 | 52,5 | 24 | 24 | 22 | 104907.4 |
| | | 104908.1 | 104908 | 15 | 22x1,5 | 1/2 | 48 | 41 | 14 | 56 | 27 | 30 | 27 | 104908.4 |
| | 104909.1 | 104909 | 18 | 26x1,5 | 1/2 | 52 | 44,5 | 14 | 61 | 32 | 36 | 32 | 104909.4 | |
| | 160 | 104910.1 | 104910 | 22 | 30x2 | 3/4 | 55 | 47,5 | 16 | 64 | 36 | 41 | 36 | 104910.4 |
| | | 104911.1 | 104911 | 28 | 36x2 | 1 | 58 | 50,5 | 18 | 67 | 41 | 46 | 41 | 104911.4 |
| | | 104912.1 | 104912 | 35 | 45x2 | 1 1/4 | 63 | 52,5 | 20 | 74 | 50 | 55 | 50 | 104912.4 |
| | | 104913.1 | 104913 | 42 | 52x2 | 1 1/2 | 64 | 53 | 22 | 76 | 60 | 65 | 60 | 104913.4 |
| S | 630 | 104914.1 | 104914 | 6 | 14x1,5 | 1/4 | 45 | 38 | 12 | 53 | 19 | 19 | 17 | 104914.4 |
| | | 104915.1 | 104915 | 8 | 16x1,5 | 1/4 | 46 | 39 | 12 | 54 | 22 | 22 | 19 | 104915.4 |
| | | 104916.1 | 104916 | 10 | 18x1,5 | 3/8 | 49 | 41,5 | 12 | 58 | 24 | 24 | 22 | 104916.4 |
| | | 104917.1 | 104917 | 12 | 20x1,5 | 3/8 | 50 | 42,5 | 12 | 59 | 27 | 27 | 24 | 104917.4 |
| | | 104918.1 | 104918 | 14 | 22x1,5 | 1/2 | 54 | 46 | 14 | 64 | 30 | 30 | 27 | 104918.4 |
| | 400 | 104919.1 | 104919 | 16 | 24x1,5 | 1/2 | 54 | 45,5 | 14 | 64 | 32 | 32 | 30 | 104919.4 |
| | | 104920.1 | 104920 | 20 | 30x2 | 3/4 | 59 | 48,5 | 16 | 72 | 41 | 41 | 36 | 104920.4 |
| | | 104921.1 | 104921 | 25 | 36x2 | 1 | 64 | 52 | 18 | 76 | 46 | 46 | 46 | 104921.4 |
| | | 104922.1 | 104922 | 30 | 42x2 | 1 1/4 | 69 | 55,5 | 20 | 82 | 50 | 50 | 50 | 104922.4 |
| | | 104923.1 | 104923 | 38 | 52x2 | 1 1/2 | 72 | 56 | 22 | 87 | 60 | 65 | 60 | 104923.4 |

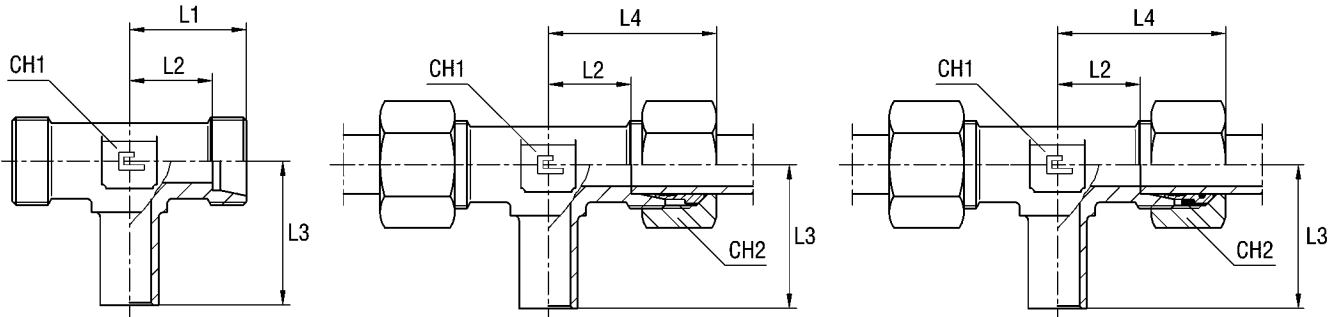
Note: If you wish to order a fitting in stainless steel, please change the first two digit from 10.. to 11..
 Articles not included in ISO 8434-1 norm available on request only

ADJUSTABLE MALE STUD BRANCH TEE

Type: 10NTT..1 Only Body

Type: 10NTT.. B3 Ring

Type: 10NTT...4 B4 Ring

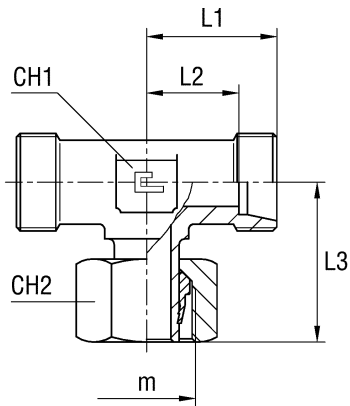


| Serie | Bar | Ordering Body | Ordering Assembled B3 | Ø Tube | L1 | L2 | L3 | L4 | CH1 | CH2 | Ordering Assembled B4 |
|-----------|-----------|---------------|-----------------------|--------|------|------|------|----|-----|-----------|-----------------------|
| L | 315 | 10NTT04.1 | 10NTT04 | 6 | 19 | 12 | 26 | 27 | 12 | 14 | 10NTT04.4 |
| | | 10NTT05.1 | 10NTT05 | 8 | 21 | 14 | 27,5 | 29 | 12 | 17 | 10NTT05.4 |
| | | 10NTT06.1 | 10NTT06 | 10 | 22 | 15 | 29 | 30 | 14 | 19 | 10NTT06.4 |
| | | 10NTT07.1 | 10NTT07 | 12 | 24 | 17 | 29,5 | 32 | 17 | 22 | 10NTT07.4 |
| | | 10NTT08.1 | 10NTT08 | 15 | 28 | 21 | 32,5 | 36 | 19 | 27 | 10NTT08.4 |
| | 10NTT09.1 | 10NTT09 | 18 | 31 | 23,5 | 35,5 | 40 | 24 | 32 | 10NTT09.4 | |
| | 160 | 10NTT10.1 | 10NTT10 | 22 | 35 | 27,5 | 38,5 | 44 | 27 | 36 | 10NTT10.4 |
| | | 10NTT11.1 | 10NTT11 | 28 | 38 | 30,5 | 41,5 | 47 | 36 | 41 | 10NTT11.4 |
| | | 10NTT12.1 | 10NTT12 | 35 | 45 | 34,5 | 51 | 56 | 41 | 50 | 10NTT12.4 |
| 10NTT13.1 | | 10NTT13 | 42 | 51 | 40 | 56 | 63 | 50 | 60 | 10NTT13.4 | |
| S | 630 | 10NTT14.1 | 10NTT14 | 6 | 23 | 16 | 27 | 31 | 12 | 17 | 10NTT14.4 |
| | | 10NTT15.1 | 10NTT15 | 8 | 24 | 17 | 27,5 | 32 | 14 | 19 | 10NTT15.4 |
| | | 10NTT16.1 | 10NTT16 | 10 | 25 | 17,5 | 30 | 34 | 17 | 22 | 10NTT16.4 |
| | | 10NTT17.1 | 10NTT17 | 12 | 29 | 21,5 | 31 | 38 | 17 | 24 | 10NTT17.4 |
| | | 10NTT18.1 | 10NTT18 | 14 | 30 | 22 | 35 | 40 | 19 | 27 | 10NTT18.4 |
| | 400 | 10NTT19.1 | 10NTT19 | 16 | 33 | 24,5 | 36,5 | 43 | 24 | 30 | 10NTT19.4 |
| | | 10NTT20.1 | 10NTT20 | 20 | 37 | 26,5 | 44,5 | 48 | 27 | 36 | 10NTT20.4 |
| | | 10NTT21.1 | 10NTT21 | 25 | 42 | 30 | 50 | 54 | 36 | 46 | 10NTT21.4 |
| | | 10NTT22.1 | 10NTT22 | 30 | 49 | 35,5 | 55 | 62 | 41 | 50 | 10NTT22.4 |
| | | 10NTT23.1 | 10NTT23 | 38 | 57 | 41 | 63 | 72 | 50 | 60 | 10NTT23.4 |

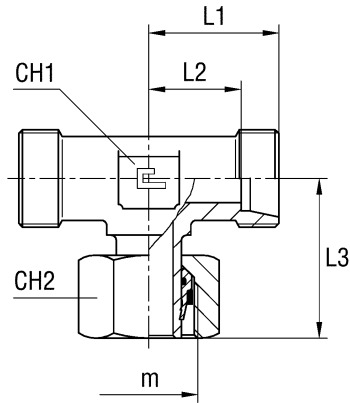
Note: If you wish to order a fitting in stainless steel, please change the first two digit from 10.. to 11..

ADJUSTABLE MALE STUD BRANCH TEE

Type: 1050...1 B3 Ring



Type: 1050...1.4 B4 Ring



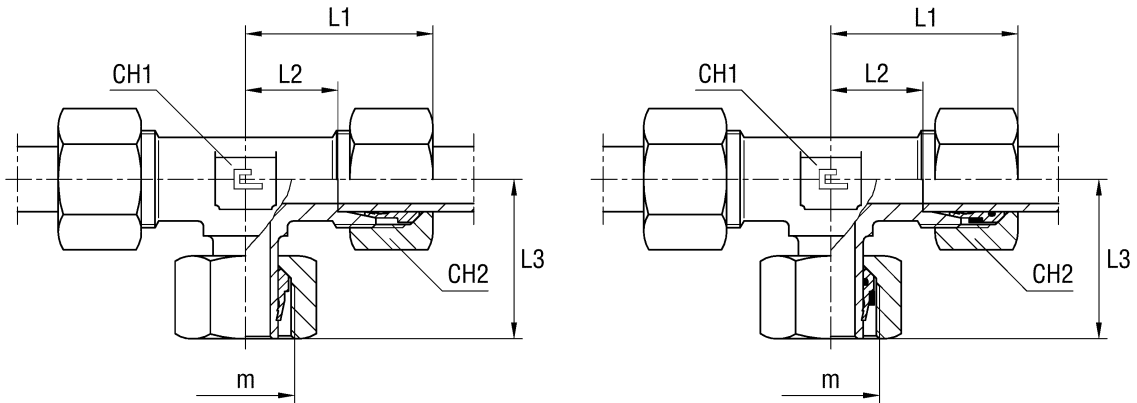
| Serie | Bar | Ordering Preassembled B3 | Ø Tube | m | L1 | L2 | L3 | CH1 | CH2 | Ordering Preassembled B4 |
|----------|----------|--------------------------|--------|--------|------|------|------|-----|------------|--------------------------|
| L | 315 | 105004.1 | 6 | 12x1,5 | 19 | 12 | 26 | 12 | 14 | 105004.1.4 |
| | | 105005.1 | 8 | 14x1,5 | 21 | 14 | 27,5 | 12 | 17 | 105005.1.4 |
| | | 105006.1 | 10 | 16x1,5 | 22 | 15 | 29 | 14 | 19 | 105006.1.4 |
| | | 105007.1 | 12 | 18x1,5 | 24 | 17 | 29,5 | 17 | 22 | 105007.1.4 |
| | | 105008.1 | 15 | 22x1,5 | 28 | 21 | 32,5 | 19 | 27 | 105008.1.4 |
| | 105009.1 | 18 | 26x1,5 | 31 | 23,5 | 32,5 | 24 | 32 | 105009.1.4 | |
| | 160 | 105010.1 | 22 | 30x2 | 35 | 27,5 | 38,5 | 27 | 36 | 105010.1.4 |
| | | 105011.1 | 28 | 36x2 | 38 | 30,5 | 41,5 | 36 | 41 | 105011.1.4 |
| | | 105012.1 | 35 | 45x2 | 45 | 34,5 | 51 | 41 | 50 | 105012.1.4 |
| 105013.1 | | 42 | 52x2 | 51 | 40 | 56 | 50 | 60 | 105013.1.4 | |
| S | 630 | 105014.1 | 6 | 14x1,5 | 23 | 16 | 27 | 12 | 17 | 105014.1.4 |
| | | 105015.1 | 8 | 16x1,5 | 24 | 17 | 27,5 | 14 | 19 | 105015.1.4 |
| | | 105016.1 | 10 | 18x1,5 | 25 | 17,5 | 30 | 17 | 22 | 105016.1.4 |
| | | 105017.1 | 12 | 20x1,5 | 29 | 21,5 | 31 | 17 | 24 | 105017.1.4 |
| | | 105018.1 | 14 | 22x1,5 | 30 | 22 | 35 | 19 | 27 | 105018.1.4 |
| | 400 | 105019.1 | 16 | 24x1,5 | 33 | 24,5 | 36,5 | 24 | 30 | 105019.1.4 |
| | | 105020.1 | 20 | 30x2 | 37 | 26,5 | 44,5 | 27 | 36 | 105020.1.4 |
| | | 105021.1 | 25 | 36x2 | 42 | 30 | 50 | 36 | 46 | 105021.1.4 |
| | | 105022.1 | 30 | 42x2 | 49 | 35,5 | 55 | 41 | 50 | 105022.1.4 |
| | 315 | 105023.1 | 38 | 52x2 | 57 | 41 | 63 | 50 | 60 | 105023.1.4 |

Note: If you wish to order a fitting in stainless steel, please change the first two digit from 10.. to 11..

ADJUSTABLE MALE STUD BRANCH TEE

Type: 1050.. B3 Ring

Type: 1050...4 B4 Ring

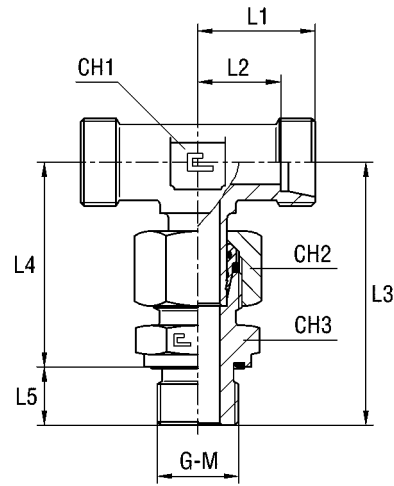
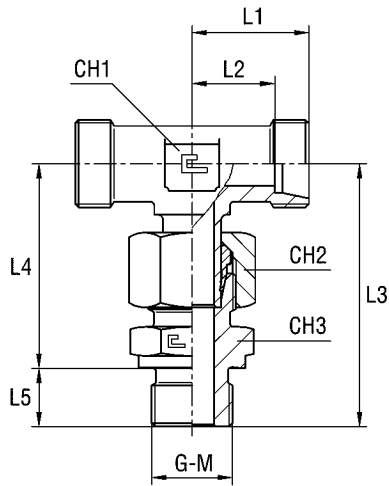


| Serie | Bar | Ordering Equipped B3 | Ø Tube | m | L1 | L2 | L3 | CH1 | CH2 | Ordering Equipped B4 |
|-------|-----|----------------------|--------|--------|----|------|------|-----|-----|----------------------|
| L | 315 | 105004 | 6 | 12x1,5 | 27 | 12 | 26 | 12 | 14 | 105004.4 |
| | | 105005 | 8 | 14x1,5 | 29 | 14 | 27,5 | 12 | 17 | 105005.4 |
| | | 105006 | 10 | 16x1,5 | 30 | 15 | 29 | 14 | 19 | 105006.4 |
| | | 105007 | 12 | 18x1,5 | 32 | 17 | 29,5 | 17 | 22 | 105007.4 |
| | | 105008 | 15 | 22x1,5 | 36 | 21 | 32,5 | 19 | 27 | 105008.4 |
| | | 105009 | 18 | 26x1,5 | 40 | 23,5 | 35,5 | 24 | 32 | 105009.4 |
| | 160 | 105010 | 22 | 30x2 | 44 | 27,5 | 38,5 | 27 | 36 | 105010.4 |
| | | 105011 | 28 | 36x2 | 47 | 30,5 | 41,5 | 36 | 41 | 105011.4 |
| | | 105012 | 35 | 45x2 | 56 | 34,5 | 51 | 41 | 50 | 105012.4 |
| S | 630 | 105013 | 42 | 52x2 | 63 | 40 | 56 | 50 | 60 | 105013.4 |
| | | 105014 | 6 | 14x1,5 | 31 | 16 | 27 | 12 | 17 | 105014.4 |
| | | 105015 | 8 | 16x1,5 | 32 | 17 | 27,5 | 14 | 19 | 105015.4 |
| | | 105016 | 10 | 18x1,5 | 34 | 17,5 | 30 | 17 | 22 | 105016.4 |
| | | 105017 | 12 | 20x1,5 | 38 | 21,5 | 31 | 17 | 24 | 105017.4 |
| | 400 | 105018 | 14 | 22x1,5 | 40 | 22 | 35 | 19 | 27 | 105018.4 |
| | | 105019 | 16 | 24x1,5 | 43 | 24,5 | 36,5 | 24 | 30 | 105019.4 |
| | | 105020 | 20 | 30x2 | 48 | 26,5 | 44,5 | 27 | 36 | 105020.4 |
| | | 105021 | 25 | 36x2 | 54 | 30 | 50 | 36 | 46 | 105021.4 |
| | | 105022 | 30 | 42x2 | 62 | 35,5 | 55 | 41 | 50 | 105022.4 |
| | | 105023 | 38 | 52x2 | 72 | 41 | 63 | 50 | 60 | 105023.4 |

Note: If you wish to order a fitting in stainless steel, please change the first two digit from 10.. to 11..

ADJUSTABLE MALE STUD BRANCH TEE WITH MALE STUD
Thread BSP Parallel - Thread Metric Parallel

 Type: 1051...1 B3 Ring
 Type: 1052...1 B3 Ring

 Type: 1051...1.4 B4 Ring
 Type: 1052...1.4 B4 Ring


| Serie | Bar | Ordering Preassembled B3 | Ø Tube | G | L1 | L2 | L3 | L4 | L5 | CH1 | CH2 | CH3 | Ordering Preassembled B4 |
|-------|----------|--------------------------|----------|-------|-------|------|------|------|----|-----|-----|------------|--------------------------|
| L | 315 | 105104.1 | 6 | 1/8 | 19 | 12 | 42,5 | 34,5 | 8 | 12 | 14 | 14 | 105104.1.4 |
| | | 105105.1 | 8 | 1/4 | 21 | 14 | 49 | 37 | 12 | 12 | 17 | 19 | 105105.1.4 |
| | | 105106.1 | 10 | 1/4 | 22 | 15 | 51,5 | 39,5 | 12 | 14 | 19 | 19 | 105106.1.4 |
| | | 105107.1 | 12 | 3/8 | 24 | 17 | 53,5 | 41,5 | 12 | 17 | 22 | 22 | 105107.1.4 |
| | | 105108.1 | 15 | 1/2 | 28 | 21 | 60 | 46 | 14 | 19 | 27 | 27 | 105108.1.4 |
| | 105109.1 | 18 | 1/2 | 31 | 23,5 | 63,5 | 49,5 | 14 | 24 | 32 | 27 | 105109.1.4 | |
| | 160 | 105110.1 | 22 | 3/4 | 35 | 27,5 | 70,5 | 54,5 | 16 | 27 | 36 | 32 | 105110.1.4 |
| | | 105111.1 | 28 | 1 | 38 | 30,5 | 77 | 59 | 18 | 36 | 41 | 41 | 105111.1.4 |
| | | 105112.1 | 35 | 1 1/4 | 45 | 34,5 | 88,5 | 68,5 | 20 | 41 | 50 | 50 | 105112.1.4 |
| | | 105113.1 | 42 | 1 1/2 | 51 | 40 | 97 | 75 | 22 | 50 | 60 | 55 | 105113.1.4 |
| S | | 630 | 105114.1 | 6 | 1/4 | 23 | 16 | 52 | 40 | 12 | 12 | 17 | 19 |
| | 105115.1 | | 8 | 1/4 | 24 | 17 | 54 | 42 | 12 | 14 | 19 | 19 | 105115.1.4 |
| | 105116.1 | | 10 | 3/8 | 25 | 17,5 | 56,5 | 44,5 | 12 | 17 | 22 | 22 | 105116.1.4 |
| | 105117.1 | | 12 | 3/8 | 29 | 21,5 | 59,5 | 47,5 | 12 | 17 | 24 | 22 | 105117.1.4 |
| | 105118.1 | | 14 | 1/2 | 30 | 22 | 67,5 | 53,5 | 14 | 19 | 27 | 27 | 105118.1.4 |
| | 400 | 105119.1 | 16 | 1/2 | 33 | 24,5 | 68,5 | 54,5 | 14 | 24 | 30 | 27 | 105119.1.4 |
| | | 105120.1 | 20 | 3/4 | 37 | 26,5 | 80,5 | 64,5 | 16 | 27 | 36 | 32 | 105120.1.4 |
| | | 105121.1 | 25 | 1 | 42 | 30 | 90,5 | 72,5 | 18 | 36 | 46 | 41 | 105121.1.4 |
| | | 105122.1 | 30 | 1 1/4 | 49 | 35,5 | 98,5 | 78 | 20 | 41 | 50 | 50 | 105122.1.4 |
| | | 315 | 105123.1 | 38 | 1 1/2 | 57 | 41 | 111 | 89 | 22 | 50 | 60 | 55 |

Note: If you wish to order a fitting in stainless steel, please change the first two digit from 10.. to 11..

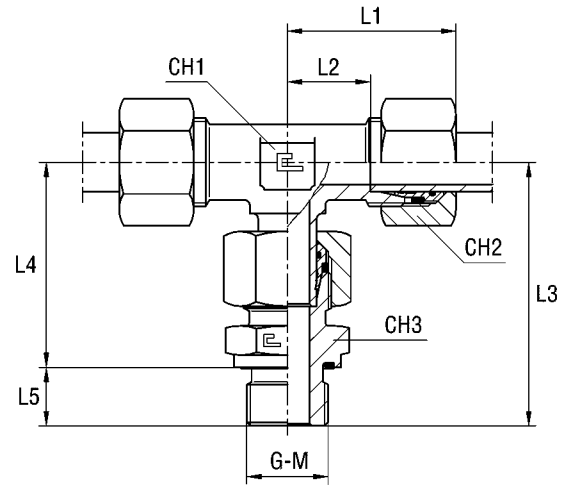
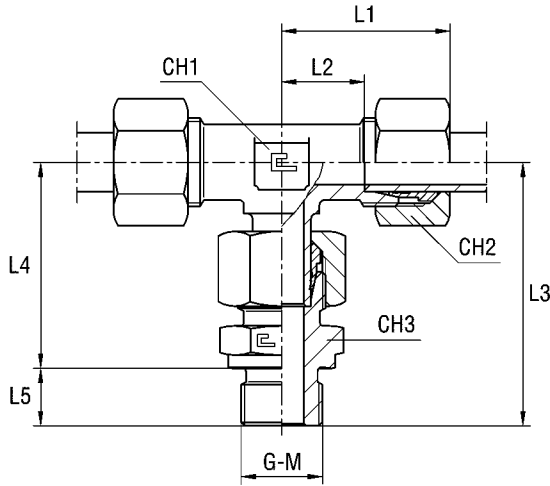
| Serie | Bar | Ordering Preassembled B3 | Ø Tube | M | L1 | L2 | L3 | L4 | L5 | CH1 | CH2 | CH3 | Ordering Preassembled B4 |
|-------|----------|--------------------------|----------|--------|--------|------|------|------|----|-----|-----|------------|--------------------------|
| L | 315 | 105204.1 | 6 | 10x1 | 19 | 12 | 42,5 | 34,5 | 8 | 12 | 14 | 14 | 105204.1.4 |
| | | 105205.1 | 8 | 12x1,5 | 21 | 14 | 49 | 37 | 12 | 12 | 17 | 17 | 105205.1.4 |
| | | 105206.1 | 10 | 14x1,5 | 22 | 15 | 51,5 | 39,5 | 12 | 14 | 19 | 19 | 105206.1.4 |
| | | 105207.1 | 12 | 16x1,5 | 24 | 17 | 53,5 | 41,5 | 12 | 17 | 22 | 22 | 105207.1.4 |
| | | 105208.1 | 15 | 18x1,5 | 28 | 21 | 57,5 | 45,5 | 12 | 19 | 27 | 24 | 105208.1.4 |
| | 105209.1 | 18 | 22x1,5 | 31 | 23,5 | 63,5 | 49,5 | 14 | 24 | 32 | 27 | 105209.1.4 | |
| | 160 | 105210.1 | 22 | 26x1,5 | 35 | 27,5 | 70,5 | 54,5 | 16 | 27 | 36 | 32 | 105210.1.4 |
| | | 105211.1 | 28 | 33x2 | 38 | 30,5 | 77 | 59 | 18 | 36 | 41 | 41 | 105211.1.4 |
| | | 105212.1 | 35 | 42x2 | 45 | 34,5 | 88,5 | 68,5 | 20 | 41 | 50 | 50 | 105212.1.4 |
| | | 105213.1 | 42 | 48x2 | 51 | 40 | 97 | 75 | 22 | 50 | 60 | 55 | 105213.1.4 |
| S | | 630 | 105214.1 | 6 | 12x1,5 | 23 | 16 | 52 | 40 | 12 | 12 | 17 | 17 |
| | 105215.1 | | 8 | 14x1,5 | 24 | 17 | 54 | 42 | 12 | 14 | 19 | 19 | 105215.1.4 |
| | 105216.1 | | 10 | 16x1,5 | 25 | 17,5 | 56,5 | 44,5 | 12 | 17 | 22 | 22 | 105216.1.4 |
| | 105217.1 | | 12 | 18x1,5 | 29 | 21,5 | 59,5 | 47,5 | 12 | 17 | 24 | 24 | 105217.1.4 |
| | 105218.1 | | 14 | 20x1,5 | 30 | 22 | 67,5 | 53,5 | 14 | 19 | 27 | 27 | 105218.1.4 |
| | 400 | 105219.1 | 16 | 22x1,5 | 33 | 24,5 | 68,5 | 54,5 | 14 | 24 | 30 | 27 | 105219.1.4 |
| | | 105220.1 | 20 | 27x2 | 37 | 26,5 | 80,5 | 64,5 | 16 | 27 | 36 | 32 | 105220.1.4 |
| | | 105221.1 | 25 | 33x2 | 42 | 30 | 90,5 | 72,5 | 18 | 36 | 46 | 41 | 105221.1.4 |
| | | 105222.1 | 30 | 42x2 | 49 | 35,5 | 98,5 | 78 | 20 | 41 | 50 | 50 | 105222.1.4 |
| | | 315 | 105223.1 | 38 | 48x2 | 57 | 41 | 111 | 89 | 22 | 50 | 60 | 55 |

Note: If you wish to order a fitting in stainless steel, please change the first two digit from 10.. to 11..

ADJUSTABLE MALE STUD BRANCH TEE WITH MALE STUD
Thread BSP Parallel - Thread Metric Parallel

Type: 1051.. B3 Ring
Type: 1052.. B3 Ring

Type: 1051...4 B4 Ring
Type: 1052...4 B4 Ring



| Serie | Bar | Ordering Equipped B3 | Ø Tube | G | L1 | L2 | L3 | L4 | L5 | CH1 | CH2 | CH3 | Ordering Equipped B4 |
|-------|-----|----------------------|--------|-------|----|------|------|------|----|-----|-----|-----|----------------------|
| L | 315 | 105104 | 6 | 1/8 | 27 | 12 | 42,5 | 34,5 | 8 | 12 | 14 | 14 | 105104.4 |
| | | 105105 | 8 | 1/4 | 29 | 14 | 49 | 37 | 12 | 12 | 17 | 19 | 105105.4 |
| | | 105106 | 10 | 1/4 | 30 | 15 | 51,5 | 39,5 | 12 | 14 | 19 | 19 | 105106.4 |
| | | 105107 | 12 | 3/8 | 32 | 17 | 53,5 | 41,5 | 12 | 17 | 22 | 22 | 105107.4 |
| | | 105108 | 15 | 1/2 | 36 | 21 | 60 | 46 | 14 | 19 | 27 | 27 | 105108.4 |
| | | 105109 | 18 | 1/2 | 40 | 23,5 | 63,5 | 49,5 | 14 | 24 | 32 | 27 | 105109.4 |
| | 160 | 105110 | 22 | 3/4 | 44 | 27,5 | 70,5 | 54,5 | 16 | 27 | 36 | 32 | 105110.4 |
| | | 105111 | 28 | 1 | 47 | 30,5 | 77 | 59 | 18 | 36 | 41 | 41 | 105111.4 |
| | | 105112 | 35 | 1 1/4 | 56 | 34,5 | 88,5 | 68,5 | 20 | 41 | 50 | 50 | 105112.4 |
| | | 105113 | 42 | 1 1/2 | 63 | 40 | 97 | 75 | 22 | 50 | 60 | 55 | 105113.4 |
| S | 630 | 105114 | 6 | 1/4 | 31 | 16 | 52 | 40 | 12 | 12 | 17 | 19 | 105114.4 |
| | | 105115 | 8 | 1/4 | 32 | 17 | 54 | 42 | 12 | 14 | 19 | 19 | 105115.4 |
| | | 105116 | 10 | 3/8 | 34 | 17,5 | 56,5 | 44,5 | 12 | 17 | 22 | 22 | 105116.4 |
| | | 105117 | 12 | 3/8 | 38 | 21,5 | 59,5 | 47,5 | 12 | 17 | 24 | 22 | 105117.4 |
| | | 105118 | 14 | 1/2 | 40 | 22 | 67,5 | 53,5 | 14 | 19 | 27 | 27 | 105118.4 |
| | 400 | 105119 | 16 | 1/2 | 43 | 24,5 | 68,5 | 54,5 | 14 | 24 | 30 | 27 | 105119.4 |
| | | 105120 | 20 | 3/4 | 48 | 26,5 | 80,5 | 64,5 | 16 | 27 | 36 | 32 | 105120.4 |
| | | 105121 | 25 | 1 | 54 | 30 | 90,5 | 72,5 | 18 | 36 | 46 | 41 | 105121.4 |
| | | 105122 | 30 | 1 1/4 | 62 | 35,5 | 98,5 | 78 | 20 | 41 | 50 | 50 | 105122.4 |
| | | 105123 | 38 | 1 1/2 | 72 | 41 | 111 | 89 | 22 | 50 | 60 | 55 | 105123.4 |

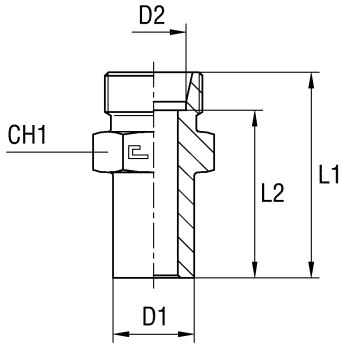
Note: If you wish to order a fitting in stainless steel, please change the first two digit from 10.. to 11..

| Serie | Bar | Ordering Equipped B3 | Ø Tube | M | L1 | L2 | L3 | L4 | L5 | CH1 | CH2 | CH3 | Ordering Equipped B4 |
|-------|-----|----------------------|--------|--------|----|------|------|------|----|-----|-----|-----|----------------------|
| L | 315 | 105204 | 6 | 10x1 | 27 | 12 | 42,5 | 34,5 | 8 | 12 | 14 | 14 | 105204.4 |
| | | 105205 | 8 | 12x1,5 | 29 | 14 | 49 | 37 | 12 | 12 | 17 | 17 | 105205.4 |
| | | 105206 | 10 | 14x1,5 | 30 | 15 | 51,5 | 39,5 | 12 | 14 | 19 | 19 | 105206.4 |
| | | 105207 | 12 | 16x1,5 | 32 | 17 | 53,5 | 41,5 | 12 | 17 | 22 | 22 | 105207.4 |
| | | 105208 | 15 | 18x1,5 | 36 | 21 | 57,5 | 45,5 | 12 | 19 | 27 | 24 | 105208.4 |
| | | 105209 | 18 | 22x1,5 | 40 | 23,5 | 63,5 | 49,5 | 14 | 24 | 32 | 27 | 105209.4 |
| | 160 | 105210 | 22 | 26x1,5 | 44 | 27,5 | 70,5 | 54,5 | 16 | 27 | 36 | 32 | 105210.4 |
| | | 105211 | 28 | 33x2 | 47 | 30,5 | 77 | 59 | 18 | 36 | 41 | 41 | 105211.4 |
| | | 105212 | 35 | 42x2 | 56 | 34,5 | 88,5 | 68,5 | 20 | 41 | 50 | 50 | 105212.4 |
| | | 105213 | 42 | 48x2 | 63 | 40 | 97 | 75 | 22 | 50 | 60 | 55 | 105213.4 |
| S | 630 | 105214 | 6 | 12x1,5 | 31 | 16 | 52 | 40 | 12 | 12 | 17 | 17 | 105214.4 |
| | | 105215 | 8 | 14x1,5 | 32 | 17 | 54 | 42 | 12 | 14 | 19 | 19 | 105215.4 |
| | | 105216 | 10 | 16x1,5 | 34 | 17,5 | 56,5 | 44,5 | 12 | 17 | 22 | 22 | 105216.4 |
| | | 105217 | 12 | 18x1,5 | 38 | 21,5 | 59,5 | 47,5 | 12 | 17 | 24 | 24 | 105217.4 |
| | | 105218 | 14 | 20x1,5 | 40 | 22 | 67,5 | 53,5 | 14 | 19 | 27 | 27 | 105218.4 |
| | 400 | 105219 | 16 | 22x1,5 | 43 | 24,5 | 68,5 | 54,5 | 14 | 24 | 30 | 27 | 105219.4 |
| | | 105220 | 20 | 27x2 | 48 | 26,5 | 80,5 | 64,5 | 16 | 27 | 36 | 32 | 105220.4 |
| | | 105221 | 25 | 33x2 | 54 | 30 | 90,5 | 72,5 | 18 | 36 | 46 | 41 | 105221.4 |
| | | 105222 | 30 | 42x2 | 62 | 35,5 | 98,5 | 78 | 20 | 41 | 50 | 50 | 105222.4 |
| | | 105223 | 38 | 48x2 | 72 | 41 | 111 | 89 | 22 | 50 | 60 | 55 | 105223.4 |

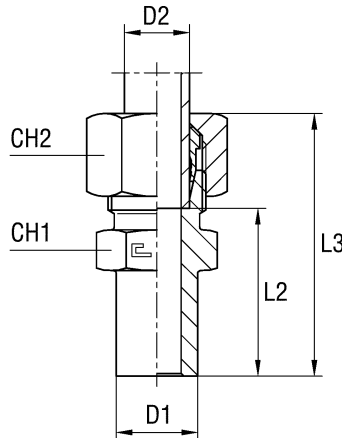
Note: If you wish to order a fitting in stainless steel, please change the first two digit from 10.. to 11..

REDUCING STANDPIPE L SERIES

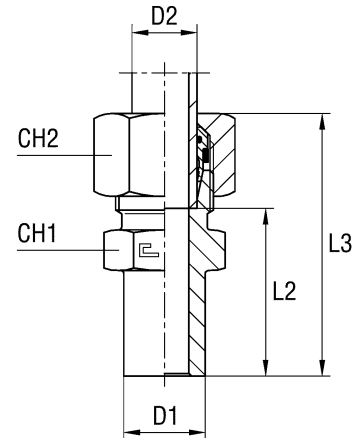
Type: 10H...L.1 Only Body



Type: 10H...L B3 Ring



Type: 10H...L.4 B4 Ring

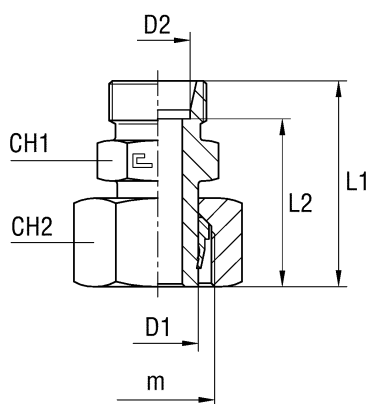


| Serie | Bar | Ordering Body | Ordering Assembled B3 | D1 | D2 | L1 | L2 | L3 | CH1 | CH2 | Ordering Assembled B4 |
|-------|-----|---------------|-----------------------|----|----|------|------|------|-----|-----|-----------------------|
| L | 315 | 10H01L.1 | 10H01L | 8 | 6 | 32,5 | 25,5 | 40 | 12 | 14 | 10H01L.4 |
| | | 10H02L.1 | 10H02L | 10 | 6 | 33 | 26 | 40,5 | 12 | 14 | 10H02L.4 |
| | | 10H03L.1 | 10H03L | 12 | 6 | 34 | 27 | 41,5 | 14 | 14 | 10H03L.4 |
| | | 10H04L.1 | 10H04L | 15 | 6 | 34 | 27 | 41,5 | 17 | 14 | 10H04L.4 |
| | | 10H05L.1 | 10H05L | 18 | 6 | 36,5 | 29,5 | 44 | 19 | 14 | 10H05L.4 |
| | 160 | 10H06L.1 | 10H06L | 22 | 6 | 37,5 | 30,5 | 45 | 24 | 14 | 10H06L.4 |
| | | 10H07L.1 | 10H07L | 28 | 6 | 39 | 32 | 46,5 | 30 | 14 | 10H07L.4 |
| | | 10H08L.1 | 10H08L | 35 | 6 | 45,5 | 38,5 | 53 | 36 | 14 | 10H08L.4 |
| | | 10H09L.1 | 10H09L | 42 | 6 | 46,5 | 39,5 | 54 | 46 | 14 | 10H09L.4 |
| | 315 | 10H10L.1 | 10H10L | 10 | 8 | 34 | 27 | 42 | 14 | 17 | 10H10L.4 |
| | | 10H11L.1 | 10H11L | 12 | 8 | 34 | 27 | 42 | 14 | 17 | 10H11L.4 |
| | | 10H12L.1 | 10H12L | 15 | 8 | 34 | 27 | 42 | 17 | 17 | 10H12L.4 |
| | | 10H13L.1 | 10H13L | 18 | 8 | 36,5 | 29,5 | 44,5 | 19 | 17 | 10H13L.4 |
| | 160 | 10H14L.1 | 10H14L | 22 | 8 | 37,5 | 30,5 | 45,5 | 24 | 17 | 10H14L.4 |
| | | 10H15L.1 | 10H15L | 28 | 8 | 39 | 32 | 47 | 30 | 17 | 10H15L.4 |
| | | 10H16L.1 | 10H16L | 35 | 8 | 45,5 | 38,5 | 53,5 | 36 | 17 | 10H16L.4 |
| | | 10H17L.1 | 10H17L | 42 | 8 | 46,5 | 39,5 | 54,5 | 46 | 17 | 10H17L.4 |
| | 315 | 10H18L.1 | 10H18L | 12 | 10 | 35 | 28 | 43 | 17 | 19 | 10H18L.4 |
| | | 10H19L.1 | 10H19L | 15 | 10 | 35 | 28 | 43 | 17 | 19 | 10H19L.4 |
| | | 10H20L.1 | 10H20L | 18 | 10 | 37,5 | 30,5 | 45,5 | 19 | 19 | 10H20L.4 |
| | 160 | 10H21L.1 | 10H21L | 22 | 10 | 38,5 | 31,5 | 46,5 | 24 | 19 | 10H21L.4 |
| | | 10H22L.1 | 10H22L | 28 | 10 | 40 | 33 | 48 | 30 | 19 | 10H22L.4 |
| | | 10H23L.1 | 10H23L | 35 | 10 | 46,5 | 39,5 | 54,5 | 36 | 19 | 10H23L.4 |
| | | 10H24L.1 | 10H24L | 42 | 10 | 47,5 | 40,5 | 55,5 | 46 | 19 | 10H24L.4 |
| | 315 | 10H25L.1 | 10H25L | 15 | 12 | 36 | 29 | 43,5 | 19 | 22 | 10H25L.4 |
| | | 10H26L.1 | 10H26L | 18 | 12 | 37,5 | 30,5 | 45 | 19 | 22 | 10H26L.4 |
| | 160 | 10H27L.1 | 10H27L | 22 | 12 | 38,5 | 31,5 | 46 | 24 | 22 | 10H27L.4 |
| | | 10H28L.1 | 10H28L | 28 | 12 | 40 | 33 | 47,5 | 30 | 22 | 10H28L.4 |
| | | 10H29L.1 | 10H29L | 35 | 12 | 46,5 | 39,5 | 54 | 36 | 22 | 10H29L.4 |
| | | 10H30L.1 | 10H30L | 42 | 12 | 47,5 | 40,5 | 55 | 46 | 22 | 10H30L.4 |
| | 315 | 10H31L.1 | 10H31L | 18 | 15 | 38,5 | 31,5 | 46,5 | 24 | 27 | 10H31L.4 |
| | 160 | 10H32L.1 | 10H32L | 22 | 15 | 39,5 | 32,5 | 47,5 | 24 | 27 | 10H32L.4 |
| | | 10H33L.1 | 10H33L | 28 | 15 | 41 | 34 | 49 | 30 | 27 | 10H33L.4 |
| | | 10H34L.1 | 10H34L | 35 | 15 | 47,5 | 40,5 | 55,5 | 36 | 27 | 10H34L.4 |
| | | 10H35L.1 | 10H35L | 42 | 15 | 48,5 | 41,5 | 56,5 | 46 | 27 | 10H35L.4 |
| | | 10H36L.1 | 10H36L | 22 | 18 | 40 | 32,5 | 49 | 27 | 32 | 10H36L.4 |
| | | 10H37L.1 | 10H37L | 28 | 18 | 41 | 33,5 | 50 | 30 | 32 | 10H37L.4 |
| | | 10H38L.1 | 10H38L | 35 | 18 | 47,5 | 40 | 56,5 | 36 | 32 | 10H38L.4 |
| | | 10H39L.1 | 10H39L | 42 | 18 | 48,5 | 41 | 57,5 | 46 | 32 | 10H39L.4 |
| | | 10H40L.1 | 10H40L | 28 | 22 | 43 | 35,5 | 52 | 32 | 36 | 10H40L.4 |
| | | 10H41L.1 | 10H41L | 35 | 22 | 49,5 | 42 | 58,5 | 36 | 36 | 10H41L.4 |
| | | 10H42L.1 | 10H42L | 42 | 22 | 50,5 | 43 | 59,5 | 46 | 36 | 10H42L.4 |
| | | 10H43L.1 | 10H43L | 35 | 28 | 49,5 | 42 | 58,5 | 41 | 41 | 10H43L.4 |
| | | 10H44L.1 | 10H44L | 42 | 28 | 50,5 | 43 | 59,5 | 46 | 41 | 10H44L.4 |
| | | 10H45L.1 | 10H45L | 42 | 35 | 52,5 | 42 | 63,5 | 46 | 50 | 10H45L.4 |

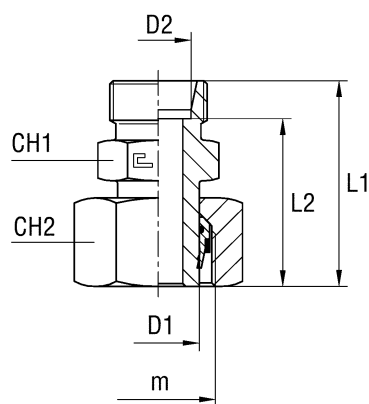
Note: If you wish to order a fitting in stainless steel, please change the first two digit from 10.. to 11..

REDUCING STANDPIPE L SERIES

Type: 1053...1 B3 Ring



Type: 1053...1.4 B4 Ring

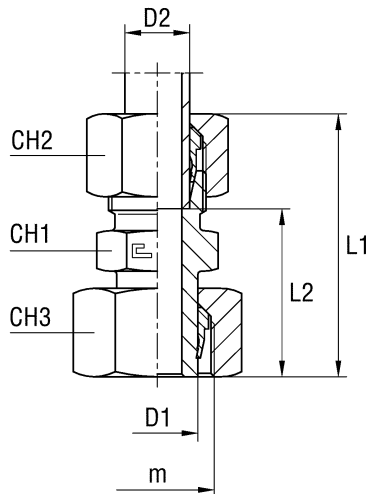


| Serie | Bar | Ordering Preassembled B3 | D1 | D2 | m | L1 | L2 | CH1 | CH2 | Ordering Preassembled B4 |
|----------|-----|--------------------------|----|------|--------|------|------|-----|------------|--------------------------|
| L | 315 | 105301.1 | 8 | 6 | 14x1,5 | 32,5 | 25,5 | 12 | 17 | 105301.1.4 |
| | | 105302.1 | 10 | 6 | 16x1,5 | 33 | 26 | 12 | 19 | 105302.1.4 |
| | | 105303.1 | 12 | 6 | 18x1,5 | 34 | 27 | 14 | 22 | 105303.1.4 |
| | | 105304.1 | 15 | 6 | 22x1,5 | 34 | 27 | 17 | 27 | 105304.1.4 |
| | | 105305.1 | 18 | 6 | 26x1,5 | 36,5 | 29,5 | 19 | 32 | 105305.1.4 |
| | 160 | 105306.1 | 22 | 6 | 30x2 | 37,5 | 30,5 | 24 | 36 | 105306.1.4 |
| | | 105307.1 | 28 | 6 | 36x2 | 39 | 32 | 30 | 41 | 105307.1.4 |
| | | 105308.1 | 35 | 6 | 45x2 | 45,5 | 38,5 | 36 | 50 | 105308.1.4 |
| | | 105309.1 | 42 | 6 | 52x2 | 46,5 | 39,5 | 46 | 60 | 105309.1.4 |
| | 315 | 105310.1 | 10 | 8 | 16x1,5 | 34 | 27 | 14 | 19 | 105310.1.4 |
| | | 105311.1 | 12 | 8 | 18x1,5 | 34 | 27 | 14 | 22 | 105311.1.4 |
| | | 105312.1 | 15 | 8 | 22x1,5 | 34 | 27 | 17 | 27 | 105312.1.4 |
| | | 105313.1 | 18 | 8 | 26x1,5 | 36,5 | 29,5 | 19 | 32 | 105313.1.4 |
| | 160 | 105314.1 | 22 | 8 | 30x2 | 37,5 | 30,5 | 24 | 36 | 105314.1.4 |
| | | 105315.1 | 28 | 8 | 36x2 | 39 | 32 | 30 | 41 | 105315.1.4 |
| | | 105316.1 | 35 | 8 | 45x2 | 45,5 | 38,5 | 36 | 50 | 105316.1.4 |
| | | 105317.1 | 42 | 8 | 52x2 | 46,5 | 39,5 | 46 | 60 | 105317.1.4 |
| | 315 | 105318.1 | 12 | 10 | 18x1,5 | 35 | 28 | 17 | 22 | 105318.1.4 |
| | | 105319.1 | 15 | 10 | 22x1,5 | 35 | 28 | 17 | 27 | 105319.1.4 |
| | | 105320.1 | 18 | 10 | 26x1,5 | 37,5 | 30,5 | 19 | 32 | 105320.1.4 |
| | 160 | 105321.1 | 22 | 10 | 30x2 | 38,5 | 31,5 | 24 | 36 | 105321.1.4 |
| | | 105322.1 | 28 | 10 | 36x2 | 40 | 33 | 30 | 41 | 105322.1.4 |
| | | 105323.1 | 35 | 10 | 45x2 | 46,5 | 39,5 | 36 | 50 | 105323.1.4 |
| | | 105324.1 | 42 | 10 | 52x2 | 47,5 | 40,5 | 46 | 60 | 105324.1.4 |
| | 315 | 105325.1 | 15 | 12 | 22x1,5 | 36 | 29 | 19 | 27 | 105325.1.4 |
| | | 105326.1 | 18 | 12 | 26x1,5 | 37,5 | 30,5 | 19 | 32 | 105326.1.4 |
| | 160 | 105327.1 | 22 | 12 | 30x2 | 38,5 | 31,5 | 24 | 36 | 105327.1.4 |
| | | 105328.1 | 28 | 12 | 36x2 | 40 | 33 | 30 | 41 | 105328.1.4 |
| | | 105329.1 | 35 | 12 | 45x2 | 46,5 | 39,5 | 36 | 50 | 105329.1.4 |
| | | 105330.1 | 42 | 12 | 52x2 | 47,5 | 40,5 | 46 | 60 | 105330.1.4 |
| | 315 | 105331.1 | 18 | 15 | 26x1,5 | 38,5 | 31,5 | 24 | 32 | 105331.1.4 |
| | 160 | 105332.1 | 22 | 15 | 30x2 | 39,5 | 32,5 | 24 | 36 | 105332.1.4 |
| | | 105333.1 | 28 | 15 | 36x2 | 41 | 34 | 30 | 41 | 105333.1.4 |
| | | 105334.1 | 35 | 15 | 45x2 | 47,5 | 40,5 | 36 | 50 | 105334.1.4 |
| | | 105335.1 | 42 | 15 | 52x2 | 48,5 | 41,5 | 46 | 60 | 105335.1.4 |
| 105336.1 | | 22 | 18 | 30x2 | 40 | 32,5 | 27 | 36 | 105336.1.4 | |
| 105337.1 | | 28 | 18 | 36x2 | 41 | 33,5 | 30 | 41 | 105337.1.4 | |
| 105338.1 | | 35 | 18 | 45x2 | 47,5 | 40 | 36 | 50 | 105338.1.4 | |
| 105339.1 | | 42 | 18 | 52x2 | 48,5 | 41 | 46 | 60 | 105339.1.4 | |
| 105340.1 | | 28 | 22 | 36x2 | 43 | 35,5 | 32 | 41 | 105340.1.4 | |
| 105341.1 | | 35 | 22 | 45x2 | 49,5 | 42 | 36 | 50 | 105341.1.4 | |
| 105342.1 | | 42 | 22 | 52x2 | 50,5 | 43 | 46 | 60 | 105342.1.4 | |
| 105343.1 | | 35 | 28 | 45x2 | 49,5 | 42 | 41 | 50 | 105343.1.4 | |
| 105344.1 | | 42 | 28 | 52x2 | 50,5 | 43 | 46 | 60 | 105344.1.4 | |
| 105345.1 | | 42 | 35 | 52x2 | 52,5 | 42 | 46 | 60 | 105345.1.4 | |

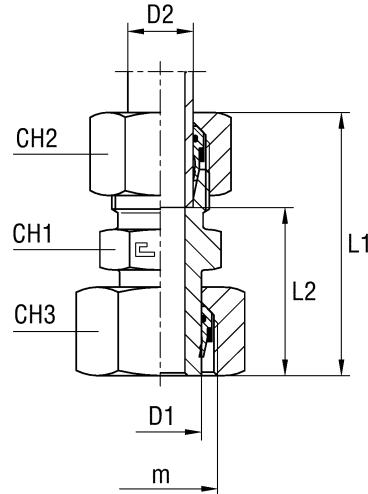
Note: If you wish to order a fitting in stainless steel, please change the first two digit from 10.. to 11..

REDUCING STANDPIPE L SERIES

Type: 1053... B3 Ring



Type: 1053...4 B4 Ring



| Serie | Bar | Ordering Equipped B3 | D1 | D2 | m | L1 | L2 | CH1 | CH2 | CH3 | Ordering Equipped B4 |
|-------|-----|----------------------|----|----|--------|------|------|-----|-----|-----|----------------------|
| L | 315 | 105301 | 8 | 6 | 14x1,5 | 40 | 25,5 | 12 | 14 | 17 | 105301.4 |
| | | 105302 | 10 | 6 | 16x1,5 | 40,5 | 26 | 12 | 14 | 19 | 105302.4 |
| | | 105303 | 12 | 6 | 18x1,5 | 41,5 | 27 | 14 | 14 | 22 | 105303.4 |
| | | 105304 | 15 | 6 | 22x1,5 | 41,5 | 27 | 17 | 14 | 27 | 105304.4 |
| | | 105305 | 18 | 6 | 26x1,5 | 44 | 29,5 | 19 | 14 | 32 | 105305.4 |
| | 160 | 105306 | 22 | 6 | 30x2 | 45 | 30,5 | 24 | 14 | 36 | 105306.4 |
| | | 105307 | 28 | 6 | 36x2 | 46,5 | 32 | 30 | 14 | 41 | 105307.4 |
| | | 105308 | 35 | 6 | 45x2 | 53 | 38,5 | 36 | 14 | 50 | 105308.4 |
| | | 105309 | 42 | 6 | 52x2 | 54 | 39,5 | 46 | 14 | 60 | 105309.4 |
| | 315 | 105310 | 10 | 8 | 16x1,5 | 42 | 27 | 14 | 17 | 19 | 105310.4 |
| | | 105311 | 12 | 8 | 18x1,5 | 42 | 27 | 14 | 17 | 22 | 105311.4 |
| | | 105312 | 15 | 8 | 22x1,5 | 42 | 27 | 17 | 17 | 27 | 105312.4 |
| | | 105313 | 18 | 8 | 26x1,5 | 44,5 | 29,5 | 19 | 17 | 32 | 105313.4 |
| | 160 | 105314 | 22 | 8 | 30x2 | 45,5 | 30,5 | 24 | 17 | 36 | 105314.4 |
| | | 105315 | 28 | 8 | 36x2 | 47 | 32 | 30 | 17 | 41 | 105315.4 |
| | | 105316 | 35 | 8 | 45x2 | 53,5 | 38,5 | 36 | 17 | 50 | 105316.4 |
| | | 105317 | 42 | 8 | 52x2 | 54,5 | 39,5 | 46 | 17 | 60 | 105317.4 |
| | 315 | 105318 | 12 | 10 | 18x1,5 | 43 | 28 | 17 | 19 | 22 | 105318.4 |
| | | 105319 | 15 | 10 | 22x1,5 | 43 | 28 | 17 | 19 | 27 | 105319.4 |
| | | 105320 | 18 | 10 | 26x1,5 | 45,5 | 30,5 | 19 | 19 | 32 | 105320.4 |
| | 160 | 105321 | 22 | 10 | 30x2 | 46,5 | 31,5 | 24 | 19 | 36 | 105321.4 |
| | | 105322 | 28 | 10 | 36x2 | 48 | 33 | 30 | 19 | 41 | 105322.4 |
| | | 105323 | 35 | 10 | 45x2 | 54,5 | 39,5 | 36 | 19 | 50 | 105323.4 |
| | | 105324 | 42 | 10 | 52x2 | 55,5 | 40,5 | 46 | 19 | 60 | 105324.4 |
| | 315 | 105325 | 15 | 12 | 22x1,5 | 43,5 | 29 | 19 | 22 | 27 | 105325.4 |
| | | 105326 | 18 | 12 | 26x1,5 | 45 | 30,5 | 19 | 22 | 32 | 105326.4 |
| | 160 | 105327 | 22 | 12 | 30x2 | 46 | 31,5 | 24 | 22 | 36 | 105327.4 |
| | | 105328 | 28 | 12 | 36x2 | 47,5 | 33 | 30 | 22 | 41 | 105328.4 |
| | | 105329 | 35 | 12 | 45x2 | 54 | 39,5 | 36 | 22 | 50 | 105329.4 |
| | | 105330 | 42 | 12 | 52x2 | 55 | 40,5 | 46 | 22 | 60 | 105330.4 |
| | 315 | 105331 | 18 | 15 | 26x1,5 | 46,5 | 31,5 | 24 | 27 | 32 | 105331.4 |
| | 160 | 105332 | 22 | 15 | 30x2 | 47,5 | 32,5 | 24 | 27 | 36 | 105332.4 |
| | | 105333 | 28 | 15 | 36x2 | 49 | 34 | 30 | 27 | 41 | 105333.4 |
| | | 105334 | 35 | 15 | 45x2 | 55,5 | 40,5 | 36 | 27 | 50 | 105334.4 |
| | | 105335 | 42 | 15 | 52x2 | 56,5 | 41,5 | 46 | 27 | 60 | 105335.4 |
| | | 105336 | 22 | 18 | 30x2 | 49 | 32,5 | 27 | 32 | 36 | 105336.4 |
| | | 105337 | 28 | 18 | 36x2 | 50 | 33,5 | 30 | 32 | 41 | 105337.4 |
| | | 105338 | 35 | 18 | 45x2 | 56,5 | 40 | 36 | 32 | 50 | 105338.4 |
| | | 105339 | 42 | 18 | 52x2 | 57,5 | 41 | 46 | 32 | 60 | 105339.4 |
| | | 105340 | 28 | 22 | 36x2 | 52 | 35,5 | 32 | 36 | 41 | 105340.4 |
| | | 105341 | 35 | 22 | 45x2 | 58,5 | 42 | 36 | 36 | 50 | 105341.4 |
| | | 105342 | 42 | 22 | 52x2 | 59,5 | 43 | 46 | 36 | 60 | 105342.4 |
| | | 105343 | 35 | 28 | 45x2 | 58,5 | 42 | 41 | 41 | 50 | 105343.4 |
| | | 105344 | 42 | 28 | 52x2 | 59,5 | 43 | 46 | 41 | 60 | 105344.4 |
| | | 105345 | 42 | 35 | 52x2 | 63,5 | 42 | 46 | 50 | 60 | 105345.4 |

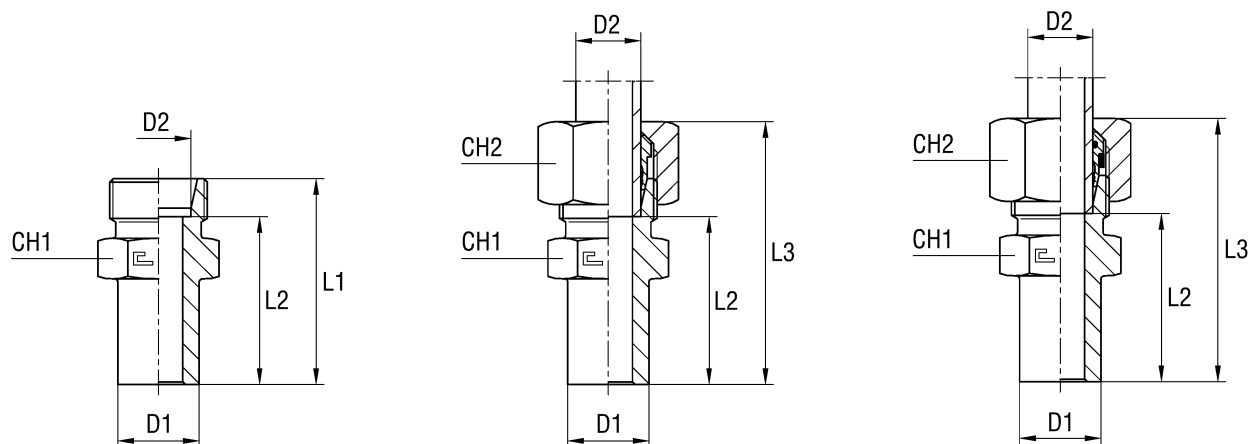
Note: If you wish to order a fitting in stainless steel, please change the first two digit from 10.. to 11..

REDUCING STANDPIPE S SERIES

Type: 10H..S.1 Only Body

Type: 10H..S B3 Ring

Type: 10H..S.4 B4 Ring

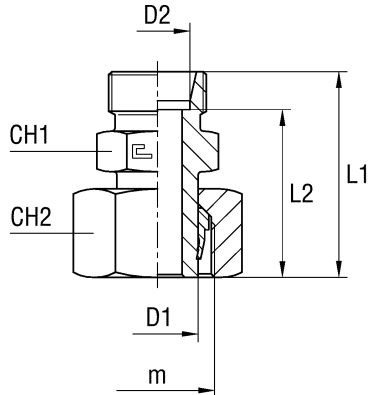


| Serie | Bar | Ordering Body | Ordering Assembled B3 | D1 | D2 | L1 | L2 | L3 | CH1 | CH2 | Ordering Assembled B4 |
|-------|----------|---------------|-----------------------|--------|----|------|------|------|-----|-----|-----------------------|
| S | 630 | 10H01S.1 | 10H01S | 8 | 6 | 36 | 29 | 44 | 14 | 17 | 10H01S.4 |
| | | 10H02S.1 | 10H02S | 10 | 6 | 38,5 | 31,5 | 46,5 | 14 | 17 | 10H02S.4 |
| | | 10H03S.1 | 10H03S | 12 | 6 | 38 | 31 | 46 | 14 | 17 | 10H03S.4 |
| | | 10H04S.1 | 10H04S | 14 | 6 | 42 | 35 | 50 | 17 | 17 | 10H04S.4 |
| | 400 | 10H05S.1 | 10H05S | 16 | 6 | 43 | 36 | 51 | 17 | 17 | 10H05S.4 |
| | | 10H06S.1 | 10H06S | 20 | 6 | 48,5 | 41,5 | 56,5 | 22 | 17 | 10H06S.4 |
| | | 10H07S.1 | 10H07S | 25 | 6 | 51 | 44 | 59 | 27 | 17 | 10H07S.4 |
| | | 10H08S.1 | 10H08S | 30 | 6 | 55,5 | 48,5 | 63,5 | 32 | 17 | 10H08S.4 |
| | 315 | 10H09S.1 | 10H09S | 38 | 6 | 61,5 | 54 | 69,5 | 41 | 17 | 10H09S.4 |
| | 630 | 10H10S.1 | 10H10S | 10 | 8 | 40,5 | 33,5 | 48,5 | 17 | 19 | 10H10S.4 |
| | | 10H11S.1 | 10H11S | 12 | 8 | 40 | 33 | 48 | 17 | 19 | 10H11S.4 |
| | | 10H12S.1 | 10H12S | 14 | 8 | 42 | 35 | 50 | 17 | 19 | 10H12S.4 |
| | 400 | 10H13S.1 | 10H13S | 16 | 8 | 43 | 36 | 51 | 17 | 19 | 10H13S.4 |
| | | 10H14S.1 | 10H14S | 20 | 8 | 48,5 | 41 | 56,5 | 22 | 19 | 10H14S.4 |
| | | 10H15S.1 | 10H15S | 25 | 8 | 51 | 44 | 59 | 27 | 19 | 10H15S.4 |
| | | 10H16S.1 | 10H16S | 30 | 8 | 55,5 | 48,5 | 63,5 | 32 | 19 | 10H16S.4 |
| | 315 | 10H17S.1 | 10H17S | 38 | 8 | 61,5 | 54,5 | 69,5 | 41 | 19 | 10H17S.4 |
| | 630 | 10H18S.1 | 10H18S | 12 | 10 | 40 | 32,5 | 48,5 | 19 | 22 | 10H18S.4 |
| | | 10H19S.1 | 10H19S | 14 | 10 | 42 | 34,5 | 50,5 | 19 | 22 | 10H19S.4 |
| | 400 | 10H20S.1 | 10H20S | 16 | 10 | 43 | 35,5 | 51,5 | 19 | 22 | 10H20S.4 |
| | | 10H21S.1 | 10H21S | 20 | 10 | 48,5 | 41 | 57 | 22 | 22 | 10H21S.4 |
| | | 10H22S.1 | 10H22S | 25 | 10 | 51 | 43,5 | 59,5 | 27 | 22 | 10H22S.4 |
| | | 250 | 10H23S.1 | 10H23S | 30 | 10 | 55,5 | 48 | 64 | 32 | 22 |
| | 10H24S.1 | | 10H24S | 38 | 10 | 61,5 | 54 | 70 | 41 | 22 | 10H24S.4 |
| | 630 | 10H25S.1 | 10H25S | 14 | 12 | 44 | 36,5 | 52,5 | 22 | 24 | 10H25S.4 |
| | 400 | 10H26S.1 | 10H26S | 16 | 12 | 45 | 37,5 | 53,5 | 22 | 24 | 10H26S.4 |
| | | 10H27S.1 | 10H27S | 20 | 12 | 48,5 | 41 | 57 | 22 | 24 | 10H27S.4 |
| | | 10H28S.1 | 10H28S | 25 | 12 | 51 | 43,5 | 59,5 | 27 | 24 | 10H28S.4 |
| | | 10H29S.1 | 10H29S | 30 | 12 | 55,5 | 48 | 64 | 32 | 24 | 10H29S.4 |
| | | 315 | 10H30S.1 | 10H30S | 38 | 12 | 61,5 | 54 | 70 | 41 | 24 |
| | 400 | 10H31S.1 | 10H31S | 16 | 14 | 47 | 39 | 57 | 24 | 27 | 10H31S.4 |
| | | 10H32S.1 | 10H32S | 20 | 14 | 50,5 | 42,5 | 60,5 | 24 | 27 | 10H32S.4 |
| | | 10H33S.1 | 10H33S | 25 | 14 | 53 | 45 | 63 | 27 | 27 | 10H33S.4 |
| | 250 | 10H34S.1 | 10H34S | 30 | 14 | 57,5 | 49,5 | 67,5 | 32 | 27 | 10H34S.4 |
| | | 10H35S.1 | 10H35S | 38 | 14 | 63,5 | 55,5 | 73,5 | 41 | 27 | 10H35S.4 |
| | 400 | 10H36S.1 | 10H36S | 20 | 16 | 50,5 | 42 | 60,5 | 27 | 30 | 10H36S.4 |
| | | 10H37S.1 | 10H37S | 25 | 16 | 53 | 44,5 | 63 | 27 | 30 | 10H37S.4 |
| | | 10H38S.1 | 10H38S | 30 | 16 | 57,5 | 49 | 67,5 | 32 | 30 | 10H38S.4 |
| | 315 | 10H39S.1 | 10H39S | 38 | 16 | 63,5 | 55 | 73,5 | 41 | 30 | 10H39S.4 |
| | 400 | 10H40S.1 | 10H40S | 25 | 20 | 57 | 46,5 | 68 | 32 | 36 | 10H40S.4 |
| | | 10H41S.1 | 10H41S | 30 | 20 | 59,5 | 49 | 70,5 | 32 | 36 | 10H41S.4 |
| | | 10H42S.1 | 10H42S | 38 | 20 | 65,5 | 55 | 76,5 | 41 | 36 | 10H42S.4 |
| | | 10H43S.1 | 10H43S | 30 | 25 | 63,5 | 51,5 | 75,5 | 41 | 46 | 10H43S.4 |
| | 315 | 10H44S.1 | 10H44S | 38 | 25 | 67,5 | 55,5 | 79,5 | 41 | 46 | 10H44S.4 |
| | | 10H45S.1 | 10H45S | 38 | 30 | 69,5 | 56 | 82,5 | 46 | 50 | 10H45S.4 |

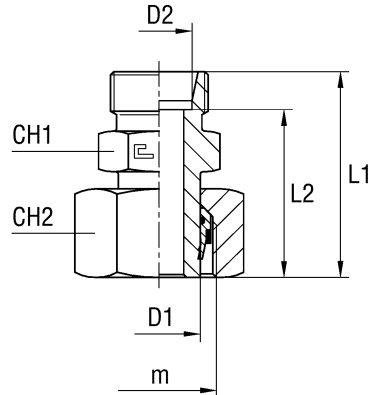
Note: If you wish to order a fitting in stainless steel, please change the first two digit from 10.. to 11..

REDUCING STANDPIPE S SERIES

Type: 1054...1 B3 Ring



Type: 1054...1.4 B4 Ring

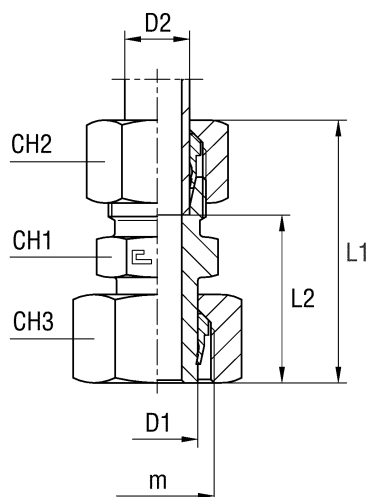


| Serie | Bar | Ordering Preassembled B3 | D1 | D2 | m | L1 | L2 | CH1 | CH2 | Ordering Preassembled B4 |
|-------|-----|--------------------------|----|----|--------|------|------|-----|-----|--------------------------|
| S | 630 | 105401.1 | 8 | 6 | 16x1,5 | 36 | 29 | 14 | 19 | 105401.1.4 |
| | | 105402.1 | 10 | 6 | 18x1,5 | 38,5 | 31,5 | 14 | 22 | 105402.1.4 |
| | | 105403.1 | 12 | 6 | 20x1,5 | 38 | 31 | 14 | 24 | 105403.1.4 |
| | | 105404.1 | 14 | 6 | 22x1,5 | 42 | 35 | 17 | 27 | 105404.1.4 |
| | 400 | 105405.1 | 16 | 6 | 24x1,5 | 43 | 36 | 17 | 30 | 105405.1.4 |
| | | 105406.1 | 20 | 6 | 30x2 | 48,5 | 41,5 | 22 | 36 | 105406.1.4 |
| | | 105407.1 | 25 | 6 | 36x2 | 51 | 44 | 27 | 46 | 105407.1.4 |
| | | 105408.1 | 30 | 6 | 42x2 | 55,5 | 48,5 | 32 | 50 | 105408.1.4 |
| | 315 | 105409.1 | 38 | 6 | 52x2 | 61,5 | 54 | 41 | 60 | 105409.1.4 |
| | 630 | 105410.1 | 10 | 8 | 18x1,5 | 40,5 | 33,5 | 17 | 22 | 105410.1.4 |
| | | 105411.1 | 12 | 8 | 20x1,5 | 40 | 33 | 17 | 24 | 105411.1.4 |
| | | 105412.1 | 14 | 8 | 22x1,5 | 42 | 35 | 17 | 27 | 105412.1.4 |
| | 400 | 105413.1 | 16 | 8 | 24x1,5 | 43 | 36 | 17 | 30 | 105413.1.4 |
| | | 105414.1 | 20 | 8 | 30x2 | 48,5 | 41 | 22 | 36 | 105414.1.4 |
| | | 105415.1 | 25 | 8 | 36x2 | 51 | 44 | 27 | 46 | 105415.1.4 |
| | | 105416.1 | 30 | 8 | 42x2 | 55,5 | 48,5 | 32 | 50 | 105416.1.4 |
| | 315 | 105417.1 | 38 | 8 | 52x2 | 61,5 | 54,5 | 41 | 60 | 105417.1.4 |
| | 630 | 105418.1 | 12 | 10 | 20x1,5 | 40 | 32,5 | 19 | 24 | 105418.1.4 |
| | | 105419.1 | 14 | 10 | 22x1,5 | 42 | 34,5 | 19 | 27 | 105419.1.4 |
| | 400 | 105420.1 | 16 | 10 | 24x1,5 | 43 | 35,5 | 19 | 30 | 105420.1.4 |
| | | 105421.1 | 20 | 10 | 30x2 | 48,5 | 41 | 22 | 36 | 105421.1.4 |
| | | 105422.1 | 25 | 10 | 36x2 | 51 | 43,5 | 27 | 46 | 105422.1.4 |
| | 250 | 105423.1 | 30 | 10 | 42x2 | 55,5 | 48 | 32 | 50 | 105423.1.4 |
| | | 105424.1 | 38 | 10 | 52x2 | 61,5 | 54 | 41 | 60 | 105424.1.4 |
| | 630 | 105425.1 | 14 | 12 | 22x1,5 | 44 | 36,5 | 22 | 27 | 105425.1.4 |
| | 400 | 105426.1 | 16 | 12 | 24x1,5 | 45 | 37,5 | 22 | 30 | 105426.1.4 |
| | | 105427.1 | 20 | 12 | 30x2 | 48,5 | 41 | 22 | 36 | 105427.1.4 |
| | | 105428.1 | 25 | 12 | 36x2 | 51 | 43,5 | 27 | 46 | 105428.1.4 |
| | | 105429.1 | 30 | 12 | 42x2 | 55,5 | 48 | 32 | 50 | 105429.1.4 |
| | 315 | 105430.1 | 38 | 12 | 52x2 | 61,5 | 54 | 41 | 60 | 105430.1.4 |
| | 400 | 105431.1 | 16 | 14 | 24x1,5 | 47 | 39 | 24 | 30 | 105431.1.4 |
| | | 105432.1 | 20 | 14 | 30x2 | 50,5 | 42,5 | 24 | 36 | 105432.1.4 |
| | | 105433.1 | 25 | 14 | 36x2 | 53 | 45 | 27 | 46 | 105433.1.4 |
| | 250 | 105434.1 | 30 | 14 | 42x2 | 57,5 | 49,5 | 32 | 50 | 105434.1.4 |
| | | 105435.1 | 38 | 14 | 52x2 | 63,5 | 55,5 | 41 | 60 | 105435.1.4 |
| | 400 | 105436.1 | 20 | 16 | 30x2 | 50,5 | 42 | 27 | 36 | 105436.1.4 |
| | | 105437.1 | 25 | 16 | 36x2 | 53 | 44,5 | 27 | 46 | 105437.1.4 |
| | | 105438.1 | 30 | 16 | 42x2 | 57,5 | 49 | 32 | 50 | 105438.1.4 |
| | 315 | 105439.1 | 38 | 16 | 52x2 | 63,5 | 55 | 41 | 60 | 105439.1.4 |
| | 400 | 105440.1 | 25 | 20 | 36x2 | 57 | 46,5 | 32 | 46 | 105440.1.4 |
| | | 105441.1 | 30 | 20 | 42x2 | 59,5 | 49 | 32 | 50 | 105441.1.4 |
| | | 105442.1 | 38 | 20 | 52x2 | 65,5 | 55 | 41 | 60 | 105442.1.4 |
| | | 105443.1 | 30 | 25 | 42x2 | 63,5 | 51,5 | 41 | 50 | 105443.1.4 |
| | 315 | 105444.1 | 38 | 25 | 52x2 | 67,5 | 55,5 | 41 | 60 | 105444.1.4 |
| | | 105445.1 | 38 | 30 | 52x2 | 69,5 | 56 | 46 | 60 | 105445.1.4 |

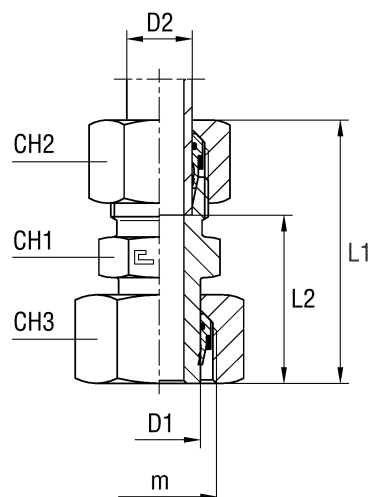
Note: If you wish to order a fitting in stainless steel, please change the first two digit from 10.. to 11..

REDUCING STANDPIPE S SERIES

Type: 1054.. B3 Ring



Type: 1054...4 B4 Ring



| Serie | Bar | Ordering Equipped B3 | D1 | D2 | m | L1 | L2 | CH1 | CH2 | CH3 | Ordering Equipped B4 |
|-------|-----|----------------------|----|----|--------|------|------|-----|-----|-----|----------------------|
| S | 630 | 105401 | 8 | 6 | 16x1,5 | 44 | 29 | 14 | 17 | 19 | 105401.4 |
| | | 105402 | 10 | 6 | 18x1,5 | 46,5 | 31,5 | 14 | 17 | 22 | 105402.4 |
| | | 105403 | 12 | 6 | 20x1,5 | 46 | 31 | 14 | 17 | 24 | 105403.4 |
| | | 105404 | 14 | 6 | 22x1,5 | 50 | 35 | 17 | 17 | 27 | 105404.4 |
| | 400 | 105405 | 16 | 6 | 24x1,5 | 51 | 36 | 17 | 17 | 30 | 105405.4 |
| | | 105406 | 20 | 6 | 30x2 | 56,5 | 41,5 | 22 | 17 | 36 | 105406.4 |
| | | 105407 | 25 | 6 | 36x2 | 59 | 44 | 27 | 17 | 46 | 105407.4 |
| | | 105408 | 30 | 6 | 42x2 | 63,5 | 48,5 | 32 | 17 | 50 | 105408.4 |
| | 315 | 105409 | 38 | 6 | 52x2 | 69,5 | 54 | 41 | 17 | 60 | 105409.4 |
| | 630 | 105410 | 10 | 8 | 18x1,5 | 48,5 | 33,5 | 17 | 19 | 22 | 105410.4 |
| | | 105411 | 12 | 8 | 20x1,5 | 48 | 33 | 17 | 19 | 24 | 105411.4 |
| | | 105412 | 14 | 8 | 22x1,5 | 50 | 35 | 17 | 19 | 27 | 105412.4 |
| | 400 | 105413 | 16 | 8 | 24x1,5 | 51 | 36 | 17 | 19 | 30 | 105413.4 |
| | | 105414 | 20 | 8 | 30x2 | 56,5 | 41 | 22 | 19 | 36 | 105414.4 |
| | | 105415 | 25 | 8 | 36x2 | 59 | 44 | 27 | 19 | 46 | 105415.4 |
| | | 105416 | 30 | 8 | 42x2 | 63,5 | 48,5 | 32 | 19 | 50 | 105416.4 |
| | 315 | 105417 | 38 | 8 | 52x2 | 69,5 | 54,5 | 41 | 19 | 60 | 105417.4 |
| | 630 | 105418 | 12 | 10 | 20x1,5 | 48,5 | 32,5 | 19 | 22 | 24 | 105418.4 |
| | | 105419 | 14 | 10 | 22x1,5 | 50,5 | 34,5 | 19 | 22 | 27 | 105419.4 |
| | 400 | 105420 | 16 | 10 | 24x1,5 | 51,5 | 35,5 | 19 | 22 | 30 | 105420.4 |
| | | 105421 | 20 | 10 | 30x2 | 57 | 41 | 22 | 22 | 36 | 105421.4 |
| | | 105422 | 25 | 10 | 36x2 | 59,5 | 43,5 | 27 | 22 | 46 | 105422.4 |
| | | 105423 | 30 | 10 | 42x2 | 64 | 48 | 32 | 22 | 50 | 105423.4 |
| | 250 | 105424 | 38 | 10 | 52x2 | 70 | 54 | 41 | 22 | 60 | 105424.4 |
| | | 105425 | 14 | 12 | 22x1,5 | 52,5 | 36,5 | 22 | 24 | 27 | 105425.4 |
| | 400 | 105426 | 16 | 12 | 24x1,5 | 53,5 | 37,5 | 22 | 24 | 30 | 105426.4 |
| | | 105427 | 20 | 12 | 30x2 | 57 | 41 | 22 | 24 | 36 | 105427.4 |
| | | 105428 | 25 | 12 | 36x2 | 59,5 | 43,5 | 27 | 24 | 46 | 105428.4 |
| | | 105429 | 30 | 12 | 42x2 | 64 | 48 | 32 | 24 | 50 | 105429.4 |
| | 315 | 105430 | 38 | 12 | 52x2 | 70 | 54 | 41 | 24 | 60 | 105430.4 |
| | 400 | 105431 | 16 | 14 | 24x1,5 | 57 | 39 | 24 | 27 | 30 | 105431.4 |
| | | 105432 | 20 | 14 | 30x2 | 60,5 | 42,5 | 24 | 27 | 36 | 105432.4 |
| | | 105433 | 25 | 14 | 36x2 | 63 | 45 | 27 | 27 | 46 | 105433.4 |
| | 250 | 105434 | 30 | 14 | 42x2 | 67,5 | 49,5 | 32 | 27 | 50 | 105434.4 |
| | | 105435 | 38 | 14 | 52x2 | 73,5 | 55,5 | 41 | 27 | 60 | 105435.4 |
| | 400 | 105436 | 20 | 16 | 30x2 | 60,5 | 42 | 27 | 30 | 36 | 105436.4 |
| | | 105437 | 25 | 16 | 36x2 | 63 | 44,5 | 27 | 30 | 46 | 105437.4 |
| | | 105438 | 30 | 16 | 42x2 | 67,5 | 49 | 32 | 30 | 50 | 105438.4 |
| | 315 | 105439 | 38 | 16 | 52x2 | 73,5 | 55 | 41 | 30 | 60 | 105439.4 |
| | 400 | 105440 | 25 | 20 | 36x2 | 68 | 46,5 | 32 | 36 | 46 | 105440.4 |
| | | 105441 | 30 | 20 | 42x2 | 70,5 | 49 | 32 | 36 | 50 | 105441.4 |
| | | 105442 | 38 | 20 | 52x2 | 76,5 | 55 | 41 | 36 | 60 | 105442.4 |
| | | 105443 | 30 | 25 | 42x2 | 75,5 | 51,5 | 41 | 46 | 50 | 105443.4 |
| | 315 | 105444 | 38 | 25 | 52x2 | 79,5 | 55,5 | 41 | 46 | 60 | 105444.4 |
| | | 105445 | 38 | 30 | 52x2 | 82,5 | 56 | 46 | 50 | 60 | 105445.4 |

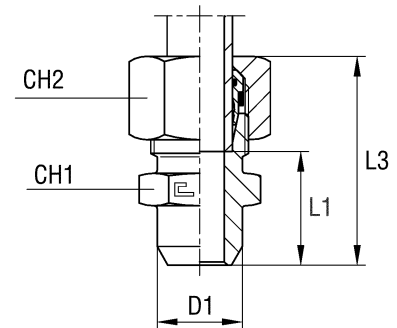
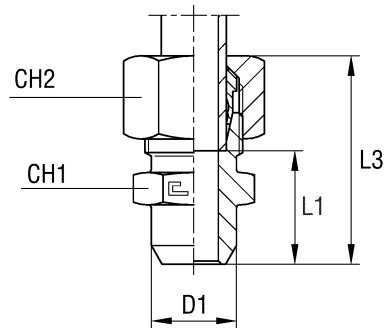
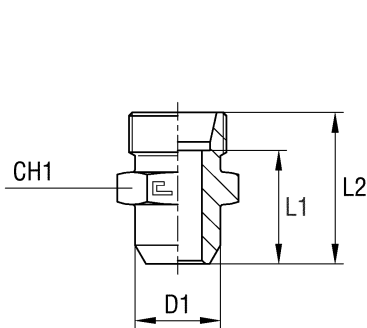
Note: If you wish to order a fitting in stainless steel, please change the first two digit from 10.. to 11..

WELDING BOSS

Type: 1055..1 Only Body

Type: 1055.. B3 Ring

Type: 1055...4 B4 Ring



| Serie | Bar | Ordering Body | Ordering Equipped B3 | Ø Tube | D1 | L1 | L2 | L3 | CH1 | CH2 | Ordering Equipped B4 |
|----------|----------|---------------|----------------------|--------|------|------|----|----|-----|----------|----------------------|
| L | 315 | 105504.1 | 105504 | 6 | 10 | 14 | 21 | 29 | 12 | 14 | 105504.4 |
| | | 105505.1 | 105505 | 8 | 12 | 16 | 23 | 31 | 14 | 17 | 105505.4 |
| | | 105506.1 | 105506 | 10 | 14 | 18 | 25 | 33 | 17 | 19 | 105506.4 |
| | | 105507.1 | 105507 | 12 | 16 | 18 | 25 | 33 | 19 | 22 | 105507.4 |
| | | 105508.1 | 105508 | 15 | 19 | 22 | 29 | 37 | 22 | 27 | 105508.4 |
| | 105509.1 | 105509 | 18 | 22 | 23,5 | 31 | 40 | 27 | 32 | 105509.4 | |
| | 160 | 105510.1 | 105510 | 22 | 27 | 28,5 | 36 | 45 | 32 | 36 | 105510.4 |
| | | 105511.1 | 105511 | 28 | 32 | 30,5 | 38 | 47 | 41 | 41 | 105511.4 |
| | | 105512.1 | 105512 | 35 | 40 | 32,5 | 43 | 54 | 46 | 50 | 105512.4 |
| 105513.1 | | 105513 | 42 | 46 | 35 | 46 | 58 | 55 | 60 | 105513.4 | |
| S | 630 | 105514.1 | 105514 | 6 | 11 | 19 | 26 | 34 | 14 | 17 | 105514.4 |
| | | 105515.1 | 105515 | 8 | 13 | 21 | 28 | 36 | 17 | 19 | 105515.4 |
| | | 105516.1 | 105516 | 10 | 15 | 22,5 | 30 | 39 | 19 | 22 | 105516.4 |
| | | 105517.1 | 105517 | 12 | 17 | 24,5 | 32 | 41 | 22 | 24 | 105517.4 |
| | | 105518.1 | 105518 | 14 | 19 | 27 | 35 | 45 | 24 | 27 | 105518.4 |
| | 400 | 105519.1 | 105519 | 16 | 21 | 26,5 | 35 | 45 | 27 | 30 | 105519.4 |
| | | 105520.1 | 105520 | 20 | 26 | 29,5 | 40 | 51 | 32 | 36 | 105520.4 |
| | | 105521.1 | 105521 | 25 | 31 | 32 | 44 | 56 | 41 | 46 | 105521.4 |
| | | 105522.1 | 105522 | 30 | 36 | 35,5 | 49 | 62 | 46 | 50 | 105522.4 |
| | | 105523.1 | 105523 | 38 | 44 | 38 | 54 | 69 | 55 | 60 | 105523.4 |

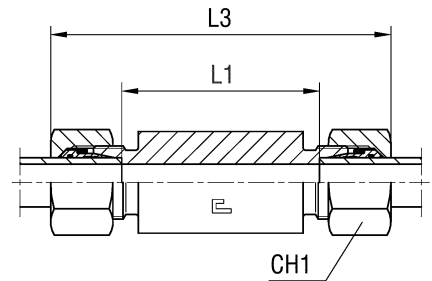
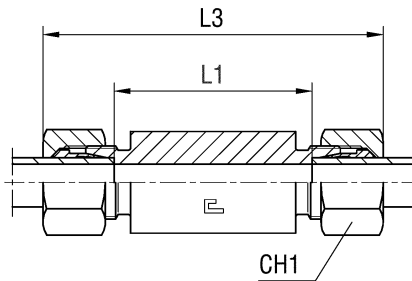
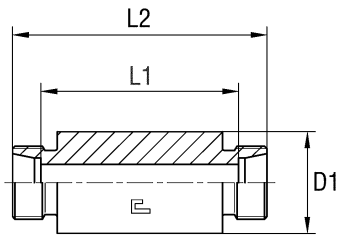
Note: If you wish to order a fitting in stainless steel, please change the first two digit from 10.. to 11..

WELDING BULKHEAD CONNECTION

Type: 1056..1 Only Body

Type: 1056.. B3 Ring

Type: 1056...4 B4 Ring

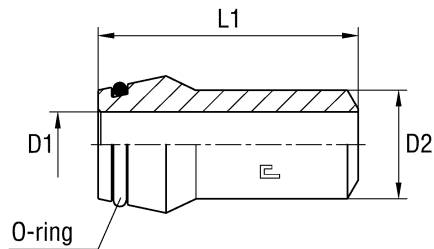


| Serie | Bar | Ordering Body | Ordering Equipped B3 | Ø Tube | D1 | L1 | L2 | L3 | CH1 | Ordering Equipped B4 |
|-------|-----|---------------|----------------------|--------|----|----|-----|-----|-----|----------------------|
| L | 315 | 105604.1 | 105604 | 6 | 18 | 56 | 70 | 85 | 14 | 105604.4 |
| | | 105605.1 | 105605 | 8 | 20 | 56 | 70 | 85 | 17 | 105605.4 |
| | | 105606.1 | 105606 | 10 | 22 | 58 | 72 | 87 | 19 | 105606.4 |
| | | 105607.1 | 105607 | 12 | 25 | 58 | 72 | 87 | 22 | 105607.4 |
| | | 105608.1 | 105608 | 15 | 28 | 70 | 84 | 100 | 27 | 105608.4 |
| | | 105609.1 | 105609 | 18 | 32 | 69 | 84 | 101 | 32 | 105609.4 |
| | 160 | 105610.1 | 105610 | 22 | 36 | 73 | 88 | 105 | 36 | 105610.4 |
| | | 105611.1 | 105611 | 28 | 40 | 73 | 88 | 106 | 41 | 105611.4 |
| | | 105612.1 | 105612 | 35 | 50 | 71 | 92 | 114 | 50 | 105612.4 |
| | | 105613.1 | 105613 | 42 | 60 | 70 | 92 | 115 | 60 | 105613.4 |
| S | 630 | 105614.1 | 105614 | 6 | 20 | 60 | 74 | 89 | 17 | 105614.4 |
| | | 105615.1 | 105615 | 8 | 22 | 60 | 74 | 89 | 19 | 105615.4 |
| | | 105616.1 | 105616 | 10 | 25 | 59 | 74 | 91 | 22 | 105616.4 |
| | | 105617.1 | 105617 | 12 | 28 | 59 | 74 | 91 | 24 | 105617.4 |
| | | 105618.1 | 105618 | 14 | 30 | 72 | 88 | 107 | 27 | 105618.4 |
| | 400 | 105619.1 | 105619 | 16 | 35 | 71 | 88 | 107 | 30 | 105619.4 |
| | | 105620.1 | 105620 | 20 | 38 | 71 | 92 | 114 | 36 | 105620.4 |
| | | 105621.1 | 105621 | 25 | 45 | 72 | 96 | 120 | 46 | 105621.4 |
| | | 105622.1 | 105622 | 30 | 50 | 73 | 100 | 126 | 50 | 105622.4 |
| | | 105623.1 | 105623 | 38 | 60 | 72 | 104 | 133 | 60 | 105623.4 |

Note: If you wish to order a fitting in stainless steel, please change the first two digit from 10.. to 11..

WELDING NIPPLE WITH O-RING

Type: 1057.. Only Body



| Serie | Bar | Ordering Body | Thickness | Ø Tube | D1 | D2 | L1 |
|--------|--------|---------------|-----------|--------|-----|------|------|
| L/S | 630 | 105701 | 6x1,75 | 6 | 2,5 | 6 | 31 |
| | | 105702 | 8x2 | 8 | 4 | 8 | 31 |
| | 315 | 105703 | 10x1,5 | 10 | 7 | 10 | 32,5 |
| | 400 | 105704 | 10x2 | 10 | 6 | 10 | 32,5 |
| | 315 | 105705 | 12x1,5 | 12 | 9 | 12 | 32,5 |
| | 400 | 105706 | 12x2 | 12 | 8 | 12 | 32,5 |
| L | 315 | 105707 | 12x2,5 | 12 | 7 | 12 | 32,5 |
| | | 105708 | 15x2,5 | 15 | 10 | 15 | 34 |
| | 160 | 105709 | 18x2,5 | 18 | 13 | 18 | 35,5 |
| | | 105710 | 22x2,5 | 22 | 17 | 22 | 38,5 |
| | | 105711 | 28x2,5 | 28 | 23 | 28 | 41,5 |
| S | 400 | 105712 | 35x3 | 35 | 29 | 35 | 47,5 |
| | | 105713 | 42x3 | 42 | 36 | 42 | 47,5 |
| | 400 | 105714 | 14x3 | 14 | 8 | 14 | 38,5 |
| | 250 | 105715 | 16x2 | 16 | 12 | 16 | 39 |
| | 315 | 105716 | 16x2,5 | 16 | 11 | 16 | 39 |
| | 400 | 105717 | 16x3 | 16 | 10 | 16 | 39 |
| | 250 | 105718 | 20x2,5 | 20 | 15 | 20 | 45 |
| | 315 | 105719 | 20x3 | 20 | 14 | 20 | 45 |
| | 400 | 105720 | 20x4 | 20 | 12 | 20 | 45 |
| | 250 | 105721 | 25x3 | 25 | 19 | 25 | 49,5 |
| | 315 | 105722 | 25x4 | 25 | 17 | 25 | 49,5 |
| | 400 | 105723 | 25x5 | 25 | 15 | 25 | 49,5 |
| | 160 | 105724 | 30x3 | 30 | 24 | 30 | 52 |
| | 250 | 105725 | 30x4 | 30 | 22 | 30 | 52 |
| | 315 | 105726 | 30x5 | 30 | 20 | 30 | 52 |
| 105727 | | 30x6 | 30 | 18 | 30 | 52 | |
| 160 | 105728 | 38x3 | 38 | 32 | 38 | 56,5 | |
| 250 | 105729 | 38x5 | 38 | 28 | 38 | 56,5 | |
| 315 | 105730 | 38x6 | 38 | 26 | 38 | 56,5 | |
| | 105731 | 38x7 | 38 | 22 | 38 | 56,5 | |

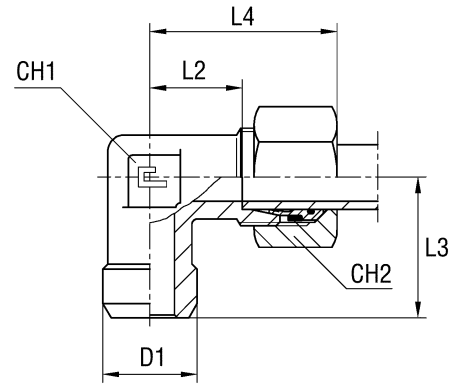
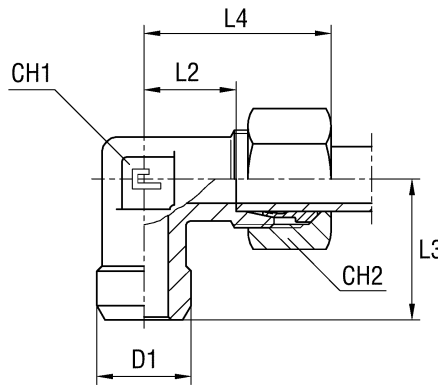
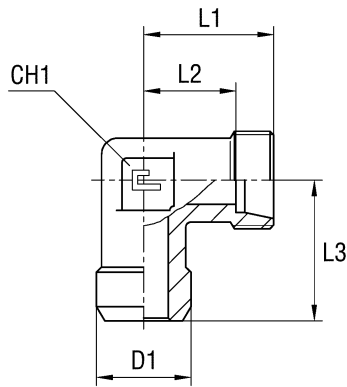
Note: If you wish to order a fitting in stainless steel, please change the first two digit from 10.. to 11..

WELDING ELBOW

Type: 1058...1 Only Body

Type: 1058... B3 Ring

Type: 1058...4 B4 Ring



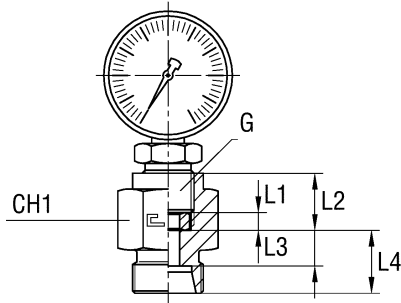
| Serie | Bar | Ordering Body | Ordering Equipped B3 | Ø Tube | D1 | L1 | L2 | L3 | L4 | CH1 | CH2 | Ordering Equipped B4 |
|----------|----------|---------------|----------------------|--------|----|------|------|----|----|-----|----------|----------------------|
| L | 315 | 105804.1 | 105804 | 6 | 10 | 19 | 12 | 19 | 27 | 12 | 14 | 105804.4 |
| | | 105805.1 | 105805 | 8 | 12 | 21 | 14 | 21 | 29 | 12 | 17 | 105805.4 |
| | | 105806.1 | 105806 | 10 | 14 | 22 | 15 | 22 | 30 | 14 | 19 | 105806.4 |
| | | 105807.1 | 105807 | 12 | 16 | 24 | 17 | 24 | 32 | 17 | 22 | 105807.4 |
| | | 105808.1 | 105808 | 15 | 19 | 28 | 21 | 28 | 36 | 19 | 27 | 105808.4 |
| | 105809.1 | 105809 | 18 | 22 | 31 | 23,5 | 31 | 40 | 24 | 32 | 105809.4 | |
| | 160 | 105810.1 | 105810 | 22 | 27 | 35 | 27,5 | 35 | 44 | 27 | 36 | 105810.4 |
| | | 105811.1 | 105811 | 28 | 32 | 38 | 30,5 | 38 | 47 | 36 | 41 | 105811.4 |
| 105812.1 | | 105812 | 35 | 40 | 45 | 34,5 | 45 | 56 | 41 | 50 | 105812.4 | |
| 105813.1 | | 105813 | 42 | 46 | 51 | 40 | 51 | 63 | 50 | 60 | 105813.4 | |
| S | 630 | 105814.1 | 105814 | 6 | 11 | 23 | 16 | 23 | 31 | 12 | 17 | 105814.4 |
| | | 105815.1 | 105815 | 8 | 13 | 24 | 17 | 24 | 32 | 14 | 19 | 105815.4 |
| | | 105816.1 | 105816 | 10 | 15 | 25 | 17,5 | 25 | 34 | 17 | 22 | 105816.4 |
| | | 105817.1 | 105817 | 12 | 17 | 29 | 21,5 | 29 | 38 | 17 | 24 | 105817.4 |
| | | 105818.1 | 105818 | 14 | 19 | 30 | 22 | 30 | 40 | 19 | 27 | 105818.4 |
| | 400 | 105819.1 | 105819 | 16 | 21 | 33 | 24,5 | 33 | 43 | 24 | 30 | 105819.4 |
| | | 105820.1 | 105820 | 20 | 26 | 37 | 26,5 | 37 | 48 | 27 | 36 | 105820.4 |
| | | 105821.1 | 105821 | 25 | 31 | 42 | 30 | 42 | 54 | 36 | 46 | 105821.4 |
| | | 105822.1 | 105822 | 30 | 36 | 49 | 35,5 | 49 | 62 | 41 | 50 | 105822.4 |
| | | 105823.1 | 105823 | 38 | 44 | 57 | 41 | 57 | 72 | 50 | 60 | 105823.4 |

Note: If you wish to order a fitting in stainless steel, please change the first two digit from 10.. to 11..
Articles not included in ISO 8434-1 norm available on request only

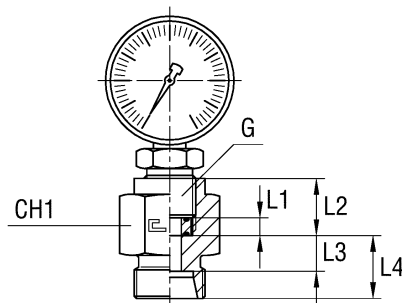
GAUGE COUPLING

Thread BSP Parallel

Type: **1059...1** Only Body
With metal ferrule



Type: **1059...1.4** Only Body
With o-ring ferrule



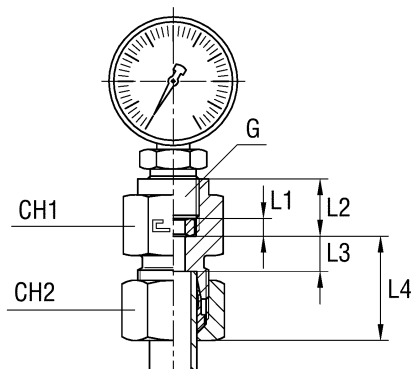
| Serie | Bar | Ordering Body+Ferrule | Ø Tube | G | L1 | L2 | L3 | L4 | CH1 | Ordering Body+Ferrule |
|-------|-----|-----------------------|--------|-----|-----|------|------|------|-----|-----------------------|
| L | 315 | 105904.1 | 6 | 1/4 | 4,5 | 14,5 | 7,5 | 14,5 | 19 | 105904.1.4 |
| | | 105905.1 | 8 | 1/4 | 4,5 | 14,5 | 7,5 | 14,5 | 19 | 105905.1.4 |
| | | 105906.1 | 10 | 1/4 | 4,5 | 14,5 | 8,5 | 15,5 | 19 | 105906.1.4 |
| | | 105907.1 | 12 | 1/4 | 4,5 | 14,5 | 8,5 | 15,5 | 19 | 105907.1.4 |
| S | 630 | 105914.1 | 6 | 1/2 | 5 | 20 | 11 | 18 | 30 | 105914.1.4 |
| | | 105915.1 | 8 | 1/2 | 5 | 20 | 11 | 18 | 30 | 105915.1.4 |
| | | 105916.1 | 10 | 1/2 | 5 | 20 | 10,5 | 18 | 30 | 105916.1.4 |
| | | 105917.1 | 12 | 1/2 | 5 | 20 | 10,5 | 18 | 30 | 105917.1.4 |

Note: If you wish to order a fitting in stainless steel, please change the first two digit from **10..** to **11..**.
Articles not included in ISO 8434-1 norm
Gauge not included

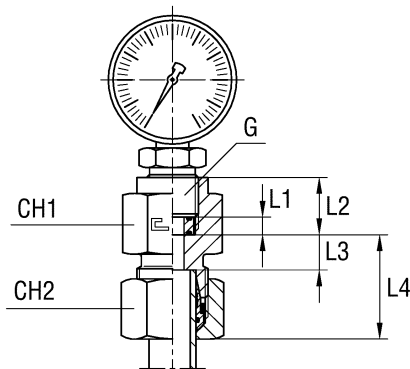
GAUGE COUPLING

Thread BSP Parallel

Type: **1059... B3** Ring
With metal ferrule



Type: **1059...4 B4** Ring
With o-ring ferrule

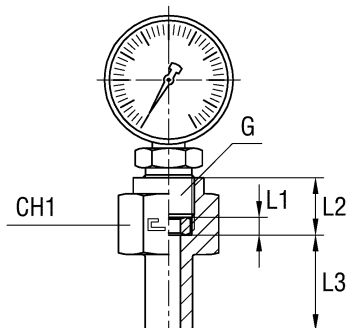


| Serie | Bar | Ordering B3 + Ferrule | Ø Tube | G | L1 | L2 | L3 | L4 | CH1 | CH2 | Ordering B4+ Ferrule |
|-------|-----|-----------------------|--------|-----|-----|------|------|------|-----|-----|----------------------|
| L | 315 | 105904 | 6 | 1/4 | 4,5 | 14,5 | 7,5 | 22,5 | 19 | 14 | 105904.4 |
| | | 105905 | 8 | 1/4 | 4,5 | 14,5 | 7,5 | 22,5 | 19 | 17 | 105905.4 |
| | | 105906 | 10 | 1/4 | 4,5 | 14,5 | 8,5 | 23,5 | 19 | 19 | 105906.4 |
| | | 105907 | 12 | 1/4 | 4,5 | 14,5 | 8,5 | 23,5 | 19 | 22 | 105907.4 |
| S | 630 | 105914 | 6 | 1/2 | 5 | 20 | 11 | 26 | 30 | 17 | 105914.4 |
| | | 105915 | 8 | 1/2 | 5 | 20 | 11 | 26 | 30 | 19 | 105915.4 |
| | | 105916 | 10 | 1/2 | 5 | 20 | 10,5 | 26,5 | 30 | 22 | 105916.4 |
| | | 105917 | 12 | 1/2 | 5 | 20 | 10,5 | 26,5 | 30 | 24 | 105917.4 |

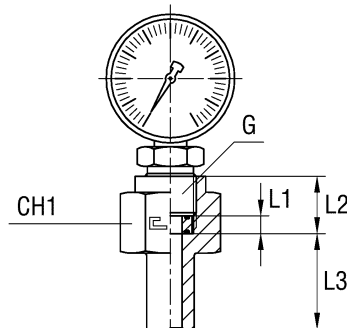
Note: If you wish to order a fitting in stainless steel, please change the first two digit from **10..** to **11..**.
Articles not included in ISO 8434-1 norm
Gauge not included

GAUGE STANDPIPE COUPLING
Thread BSP Parallel

Type: **10CFM..** Only Body
With metal ferrule



Type: **10CFM...4** Only Body
With o-ring ferrule

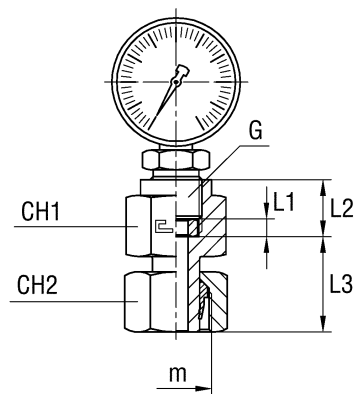


| Serie | Bar | Ordering Body+Ferrule | Ø Tube | G | L1 | L2 | L3 | CH1 | Ordering Body+Ferrule |
|-------|-----|-----------------------|--------|-----|-----|------|------|-----|-----------------------|
| L | 315 | 10CFM04 | 6 | 1/4 | 4,5 | 14,5 | 23,5 | 19 | 10CFM04.4 |
| | | 10CFM05 | 8 | 1/4 | 4,5 | 14,5 | 25 | 19 | 10CFM05.4 |
| | | 10CFM06 | 10 | 1/4 | 4,5 | 14,5 | 25 | 19 | 10CFM06.4 |
| | | 10CFM07 | 12 | 1/4 | 4,5 | 14,5 | 26,5 | 19 | 10CFM07.4 |
| S | 630 | 10CFM14 | 6 | 1/2 | 5 | 20 | 25 | 30 | 10CFM14.4 |
| | | 10CFM15 | 8 | 1/2 | 5 | 20 | 25,5 | 30 | 10CFM15.4 |
| | | 10CFM16 | 10 | 1/2 | 5 | 20 | 27,5 | 30 | 10CFM16.4 |
| | | 10CFM17 | 12 | 1/2 | 5 | 20 | 27,5 | 30 | 10CFM17.4 |

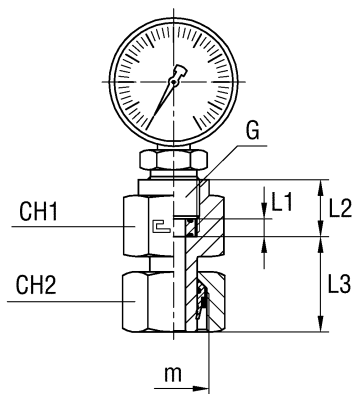
Note: If you wish to order a fitting in stainless steel, please change the first two digit from 10.. to 11..
Articles not included in ISO 8434-1 norm available on request only
Gauge not included

GAUGE STANDPIPE COUPLING
Thread BSP Parallel

Type: **1060..** B3 Ring
With metal ferrule



Type: **1060...4** B4 Ring
With o-ring ferrule



| Serie | Bar | Ordering B3 + Ferrule | Ø Tube | G | m | L1 | L2 | L3 | CH1 | CH2 | Ordering B4 + Ferrule |
|-------|-----|-----------------------|--------|-----|--------|-----|------|------|-----|-----|-----------------------|
| L | 315 | 106004 | 6 | 1/4 | 12x1,5 | 4,5 | 14,5 | 23,5 | 19 | 14 | 106004.4 |
| | | 106005 | 8 | 1/4 | 14x1,5 | 4,5 | 14,5 | 25 | 19 | 17 | 106005.4 |
| | | 106006 | 10 | 1/4 | 16x1,5 | 4,5 | 14,5 | 25 | 19 | 19 | 106006.4 |
| | | 106007 | 12 | 1/4 | 18x1,5 | 4,5 | 14,5 | 26,5 | 19 | 22 | 106007.4 |
| S | 630 | 106014 | 6 | 1/2 | 14x1,5 | 5 | 20 | 25 | 30 | 17 | 106014.4 |
| | | 106015 | 8 | 1/2 | 16x1,5 | 5 | 20 | 25,5 | 30 | 19 | 106015.4 |
| | | 106016 | 10 | 1/2 | 18x1,5 | 5 | 20 | 27,5 | 30 | 22 | 106016.4 |
| | | 106017 | 12 | 1/2 | 20x1,5 | 5 | 20 | 27,5 | 30 | 24 | 106017.4 |

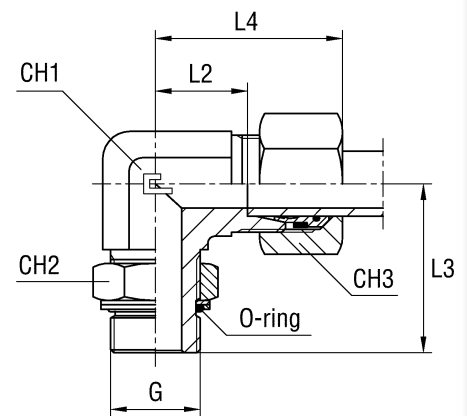
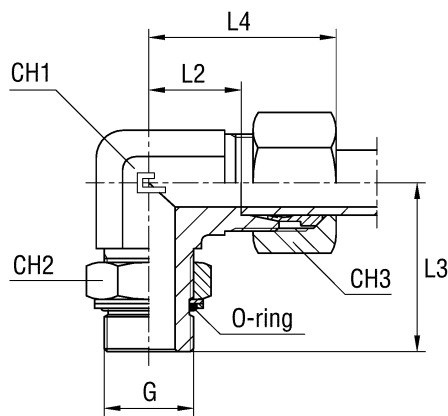
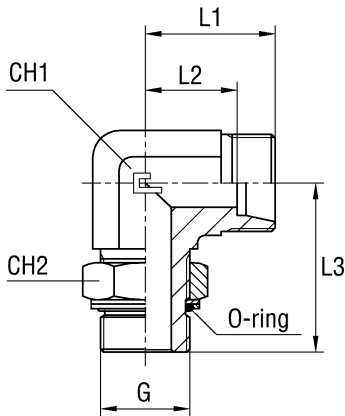
Note: If you wish to order a fitting in stainless steel, please change the first two digit from 10.. to 11..
Articles not included in ISO 8434-1 norm available on request only
Gauge not included

ADJUSTABLE DIN MALE STUD ELBOW WITH O-RING AND WASHER Thread BSP Parallel

Type: 1061...1 Only Body

Type: 1061... B3 Ring

Type: 1061...4 B4 Ring



| Serie | Bar | Ordering Body | Ordering Equipped B3 | Ø Tube | G | L1 | L2 | L3 | L4 | CH1 | CH2 | CH3 | Ordering Equipped B4 |
|-------|-----|---------------|----------------------|--------|-------|----|------|----|----|-----|-----|-----|----------------------|
| L | 315 | 106104.1 | 106104 | 6 | 1/8 | 19 | 12 | 26 | 27 | 11 | 14 | 14 | 106104.4 |
| | | 106105.1 | 106105 | 8 | 1/4 | 21 | 14 | 32 | 29 | 14 | 19 | 17 | 106105.4 |
| | | 106106.1 | 106106 | 10 | 1/4 | 22 | 15 | 32 | 30 | 14 | 19 | 19 | 106106.4 |
| | 250 | 106107.1 | 106107 | 12 | 3/8 | 24 | 17 | 37 | 32 | 19 | 22 | 22 | 106107.4 |
| | | 106108.1 | 106108 | 15 | 1/2 | 28 | 21 | 44 | 36 | 22 | 27 | 27 | 106108.4 |
| | | 106109.1 | 106109 | 18 | 1/2 | 31 | 23,5 | 47 | 40 | 27 | 27 | 32 | 106109.4 |
| | 160 | 106110.1 | 106110 | 22 | 3/4 | 35 | 27,5 | 51 | 44 | 27 | 36 | 36 | 106110.4 |
| | | 106111.1 | 106111 | 28 | 1 | 38 | 30,5 | 53 | 47 | 33 | 41 | 41 | 106111.4 |
| | | 106112.1 | 106112 | 35 | 1 1/4 | 45 | 34,5 | 59 | 56 | 41 | 50 | 50 | 106112.4 |
| | | 106113.1 | 106113 | 42 | 1 1/2 | 51 | 40 | 64 | 63 | 48 | 55 | 60 | 106113.4 |
| S | 315 | 106114.1 | 106114 | 6 | 1/4 | 23 | 16 | 32 | 31 | 14 | 19 | 17 | 106114.4 |
| | | 106115.1 | 106115 | 8 | 1/4 | 24 | 17 | 32 | 32 | 14 | 19 | 19 | 106115.4 |
| | 250 | 106116.1 | 106116 | 10 | 3/8 | 25 | 17,5 | 37 | 34 | 19 | 22 | 22 | 106116.4 |
| | | 106117.1 | 106117 | 12 | 3/8 | 29 | 21,5 | 37 | 38 | 19 | 22 | 24 | 106117.4 |
| | | 106118.1 | 106118 | 14 | 1/2 | 30 | 22 | 44 | 40 | 22 | 27 | 27 | 106118.4 |
| | | 106119.1 | 106119 | 16 | 1/2 | 33 | 24,5 | 47 | 43 | 27 | 27 | 30 | 106119.4 |
| | 200 | 106120.1 | 106120 | 20 | 3/4 | 37 | 26,5 | 51 | 48 | 27 | 36 | 36 | 106120.4 |
| | | 106121.1 | 106121 | 25 | 1 | 42 | 30 | 53 | 54 | 33 | 41 | 46 | 106121.4 |
| | | 106122.1 | 106122 | 30 | 1 1/4 | 49 | 35,5 | 59 | 62 | 41 | 50 | 50 | 106122.4 |
| | | 106123.1 | 106123 | 38 | 1 1/2 | 57 | 41 | 64 | 72 | 48 | 55 | 60 | 106123.4 |

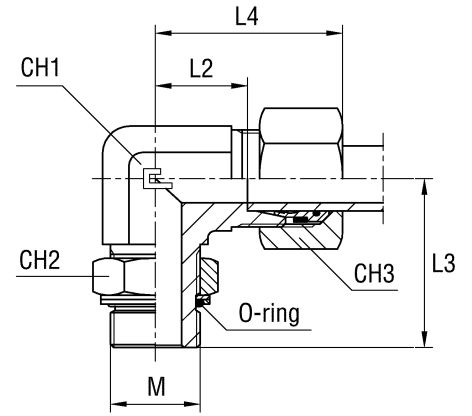
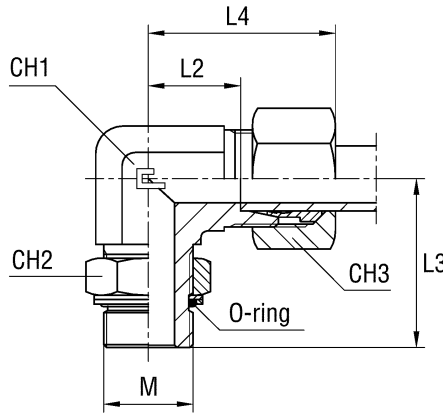
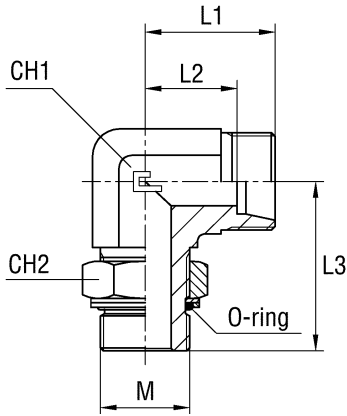
Note: If you wish to order a fitting in stainless steel, please change the first two digit from 10.. to 11..
 Articles not included in ISO 8434-1 norm available on request only

ADJUSTABLE DIN MALE STUD ELBOW WITH O-RING AND WASHER Thread Metric Parallel

Type: 1062...1 Only Body

Type: 1062... B3 Ring

Type: 1062...4 B4 Ring



| Serie | Bar | Ordering Body | Ordering Equipped B3 | Ø Tube | M | L1 | L2 | L3 | L4 | CH1 | CH2 | CH3 | Ordering Equipped B4 |
|----------|----------|---------------|----------------------|--------|--------|------|------|------|----|-----|-----|----------|----------------------|
| L | 315 | 106204.1 | 106204 | 6 | 10x1 | 19 | 12 | 27 | 27 | 11 | 14 | 14 | 106204.4 |
| | | 106205.1 | 106205 | 8 | 12x1,5 | 21 | 14 | 31 | 29 | 14 | 17 | 17 | 106205.4 |
| | | 106206.1 | 106206 | 10 | 14x1,5 | 22 | 15 | 33 | 30 | 14 | 19 | 19 | 106206.4 |
| | | 106207.1 | 106207 | 12 | 16x1,5 | 24 | 17 | 38 | 32 | 19 | 22 | 22 | 106207.4 |
| | 106208.1 | 106208 | 15 | 18x1,5 | 28 | 21 | 40 | 36 | 22 | 24 | 27 | 106208.4 | |
| | 250 | 106209.1 | 106209 | 18 | 22x1,5 | 31 | 23,5 | 46 | 40 | 27 | 27 | 32 | 106209.4 |
| | | 106210.1 | 106210 | 22 | 27x2 | 35 | 27,5 | 50,5 | 44 | 27 | 32 | 36 | 106210.4 |
| | 160 | 106211.1 | 106211 | 28 | 33x2 | 38 | 30,5 | 52,5 | 47 | 33 | 41 | 41 | 106211.4 |
| 106212.1 | | 106212 | 35 | 42x2 | 45 | 34,5 | 58 | 56 | 41 | 50 | 50 | 106212.4 | |
| | | 106213.1 | 106213 | 42 | 48x2 | 51 | 40 | 63 | 63 | 48 | 55 | 60 | 106213.4 |
| S | 315 | 106214.1 | 106214 | 6 | 12x1,5 | 23 | 16 | 31 | 31 | 14 | 17 | 17 | 106214.4 |
| | | 106215.1 | 106215 | 8 | 14x1,5 | 24 | 17 | 33 | 32 | 14 | 19 | 19 | 106215.4 |
| | | 106216.1 | 106216 | 10 | 16x1,5 | 25 | 17,5 | 38 | 34 | 19 | 22 | 22 | 106216.4 |
| | | 106217.1 | 106217 | 12 | 18x1,5 | 29 | 21,5 | 38 | 38 | 19 | 24 | 24 | 106217.4 |
| | 250 | 106218.1 | 106218 | 14 | 20x1,5 | 30 | 22 | 44 | 40 | 22 | 27 | 27 | 106218.4 |
| | | 106219.1 | 106219 | 16 | 22x1,5 | 33 | 24,5 | 48 | 43 | 27 | 27 | 30 | 106219.4 |
| | | 106220.1 | 106220 | 20 | 27x2 | 37 | 26,5 | 50,5 | 48 | 27 | 32 | 36 | 106220.4 |
| | 160 | 106221.1 | 106221 | 25 | 33x2 | 42 | 30 | 52,5 | 54 | 33 | 41 | 46 | 106221.4 |
| | | 106222.1 | 106222 | 30 | 42x2 | 49 | 35,5 | 58 | 62 | 41 | 50 | 50 | 106222.4 |
| | | 106223.1 | 106223 | 38 | 48x2 | 57 | 41 | 63 | 72 | 48 | 55 | 60 | 106223.4 |

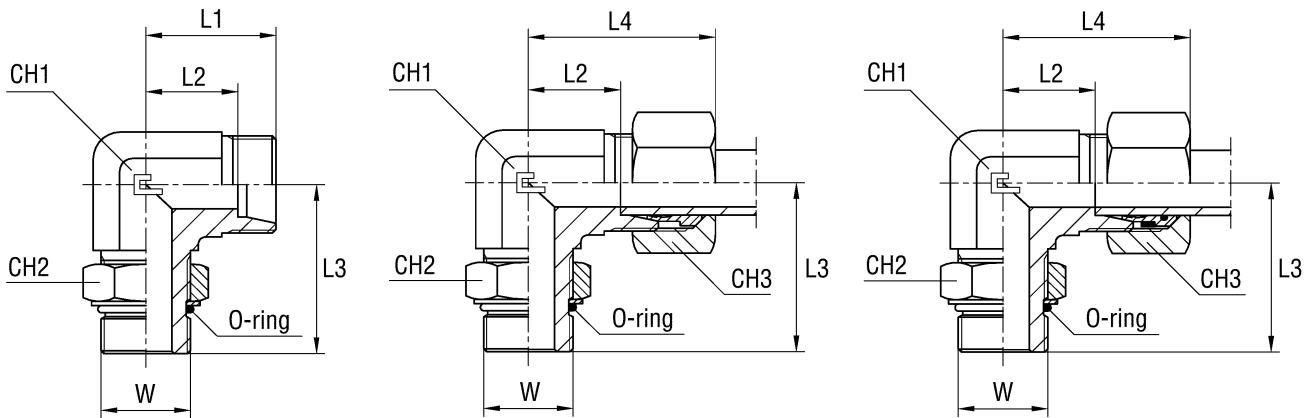
Note: If you wish to order a fitting in stainless steel, please change the first two digit from 10.. to 11..
Articles not included in ISO 8434-1 norm available on request only

ADJUSTABLE DIN MALE STUD ELBOW WITH O-RING Thread UNF/UN-2A

Type: 1063..1 Only Body

Type: 1063.. B3 Ring

1063...4 B4 Ring



| Serie | Bar | Ordering Body | Ordering Equipped B3 | Ø Tube | W | L1 | L2 | L3 | L4 | CH1 | CH2 | CH3 | Ordering Equipped B4 |
|-------|-----|---------------|----------------------|--------|-----------|----|------|------|----|-----|-----|-----|----------------------|
| L | 315 | 106304.1 | 106304 | 6 | 7/16-20 | 19 | 12 | 27 | 27 | 11 | 14 | 14 | 106304.4 |
| | | 106305.1 | 106305 | 8 | 7/16-20 | 21 | 14 | 28 | 29 | 14 | 14 | 17 | 106305.4 |
| | | 106306.1 | 106306 | 10 | 9/16-18 | 22 | 15 | 32 | 30 | 14 | 17 | 19 | 106306.4 |
| | | 106307.1 | 106307 | 12 | 3/4-16 | 24 | 17 | 37 | 32 | 19 | 22 | 22 | 106307.4 |
| | | 106308.1 | 106308 | 15 | 7/8-14 | 28 | 21 | 43 | 36 | 22 | 27 | 27 | 106308.4 |
| | | 106309.1 | 106309 | 18 | 7/8-14 | 31 | 23,5 | 47 | 40 | 27 | 27 | 32 | 106309.4 |
| | 160 | 106310.1 | 106310 | 22 | 1 1/16-12 | 35 | 27,5 | 49,5 | 44 | 27 | 32 | 36 | 106310.4 |
| | | 106311.1 | 106311 | 28 | 1 5/16-12 | 38 | 30,5 | 52 | 47 | 33 | 41 | 41 | 106311.4 |
| | | 106312.1 | 106312 | 35 | 1 5/8-12 | 45 | 34,5 | 58 | 56 | 41 | 50 | 50 | 106312.4 |
| | | 106313.1 | 106313 | 42 | 1 7/8-12 | 51 | 40 | 60 | 63 | 48 | 55 | 60 | 106313.4 |
| S | 400 | 106314.1 | 106314 | 6 | 7/16-20 | 23 | 16 | 29 | 31 | 14 | 14 | 17 | 106314.4 |
| | | 106315.1 | 106315 | 8 | 9/16-18 | 24 | 17 | 33 | 32 | 14 | 17 | 19 | 106315.4 |
| | | 106316.1 | 106316 | 10 | 9/16-18 | 25 | 17,5 | 37,5 | 34 | 19 | 17 | 22 | 106316.4 |
| | | 106317.1 | 106317 | 12 | 3/4-16 | 29 | 21,5 | 38 | 38 | 19 | 22 | 24 | 106317.4 |
| | | 106318.1 | 106318 | 14 | 7/8-14 | 30 | 22 | 44 | 40 | 22 | 27 | 27 | 106318.4 |
| | | 106319.1 | 106319 | 16 | 7/8-14 | 33 | 24,5 | 48 | 43 | 27 | 27 | 30 | 106319.4 |
| | | 106320.1 | 106320 | 20 | 1 1/16-12 | 37 | 26,5 | 51 | 48 | 27 | 32 | 36 | 106320.4 |
| | | 106321.1 | 106321 | 25 | 1 5/16-12 | 42 | 30 | 53 | 54 | 33 | 41 | 46 | 106321.4 |
| | 250 | 106322.1 | 106322 | 30 | 1 5/8-12 | 49 | 35,5 | 59 | 62 | 41 | 50 | 50 | 106322.4 |
| | | 106323.1 | 106323 | 38 | 1 7/8-12 | 57 | 41 | 62 | 72 | 48 | 55 | 60 | 106323.4 |

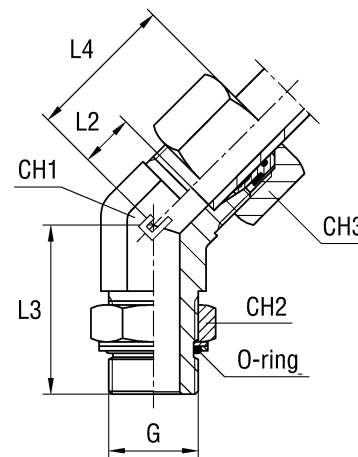
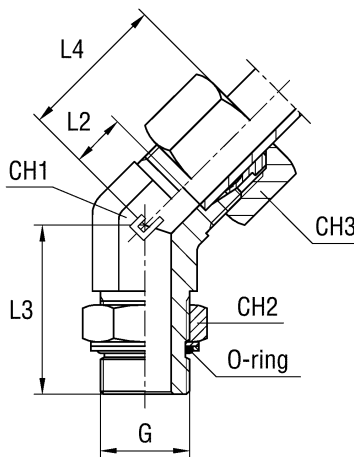
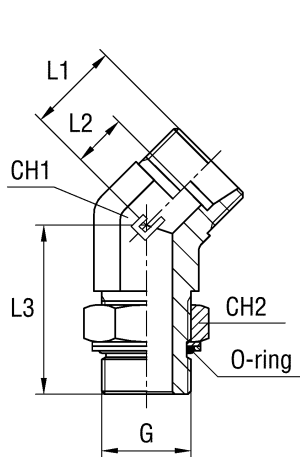
Note: If you wish to order a fitting in stainless steel, please change the first two digit from 10.. to 11..
 Articles not included in ISO 8434-1 norm available on request only

ADJUSTABLE DIN MALE 45° STUD ELBOW WITH O-RING AND WASHER Thread BSP Parallel

Type: 1064...1 Only Body

Type: 1064.. B3 Ring

Type: 1064...4 B4 Ring



| Serie | Bar | Ordering Body | Ordering Equipped B3 | Ø Tube | G | L1 | L2 | L3 | L4 | CH1 | CH2 | CH3 | Ordering Equipped B4 |
|----------|----------|---------------|----------------------|--------|-------|------|------|------|------|-----|-----|----------|----------------------|
| L | 315 | 106404.1 | 106404 | 6 | 1/8 | 16 | 9 | 26 | 24 | 11 | 14 | 14 | 106404.4 |
| | | 106405.1 | 106405 | 8 | 1/4 | 19 | 12 | 29 | 27 | 14 | 19 | 17 | 106405.4 |
| | | 106406.1 | 106406 | 10 | 1/4 | 19 | 12 | 29 | 27 | 14 | 19 | 19 | 106406.4 |
| | 250 | 106407.1 | 106407 | 12 | 3/8 | 21 | 14 | 33 | 29 | 19 | 22 | 22 | 106407.4 |
| | | 106408.1 | 106408 | 15 | 1/2 | 24 | 17 | 38,5 | 32 | 22 | 27 | 27 | 106408.4 |
| | | 106409.1 | 106409 | 18 | 1/2 | 24,5 | 17 | 38,5 | 33,5 | 27 | 27 | 32 | 106409.4 |
| | 160 | 106410.1 | 106410 | 22 | 3/4 | 26 | 18,5 | 44 | 35 | 27 | 36 | 36 | 106410.4 |
| | | 106411.1 | 106411 | 28 | 1 | 30,5 | 23 | 47 | 39,5 | 33 | 41 | 41 | 106411.4 |
| | | 106412.1 | 106412 | 35 | 1 1/4 | 33 | 22,5 | 48 | 44 | 41 | 50 | 50 | 106412.4 |
| 106413.1 | | 106413 | 42 | 1 1/2 | 37 | 26 | 48 | 49 | 48 | 55 | 60 | 106413.4 | |
| S | 315 | 106414.1 | 106414 | 6 | 1/4 | 16 | 9 | 29 | 24 | 14 | 19 | 17 | 106414.4 |
| | | 106415.1 | 106415 | 8 | 1/4 | 19 | 12 | 29 | 27 | 14 | 19 | 19 | 106415.4 |
| | 250 | 106416.1 | 106416 | 10 | 3/8 | 20 | 12,5 | 33 | 29 | 19 | 22 | 22 | 106416.4 |
| | | 106417.1 | 106417 | 12 | 3/8 | 21 | 13,5 | 33 | 30 | 19 | 22 | 24 | 106417.4 |
| | | 106418.1 | 106418 | 14 | 1/2 | 24 | 16 | 38,5 | 34 | 22 | 27 | 27 | 106418.4 |
| | | 106419.1 | 106419 | 16 | 1/2 | 24 | 15,5 | 38,5 | 34 | 27 | 27 | 30 | 106419.4 |
| | 106420.1 | 106420 | 20 | 3/4 | 26,5 | 16 | 44 | 37,5 | 27 | 36 | 36 | 106420.4 | |
| | 200 | 106421.1 | 106421 | 25 | 1 | 31 | 19 | 47 | 43 | 33 | 41 | 46 | 106421.4 |
| | | 106422.1 | 106422 | 30 | 1 1/4 | 35 | 21,5 | 48 | 48 | 41 | 50 | 50 | 106422.4 |
| | 160 | 106423.1 | 106423 | 38 | 1 1/2 | 39 | 23 | 48 | 54 | 48 | 55 | 60 | 106423.4 |

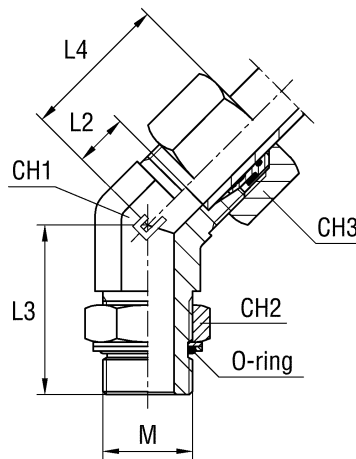
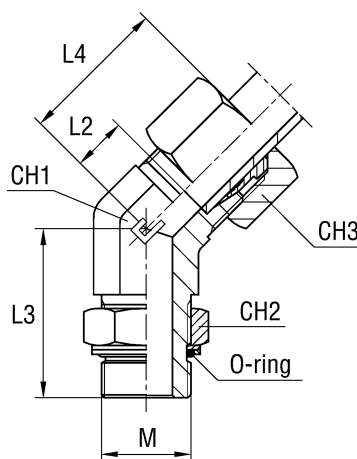
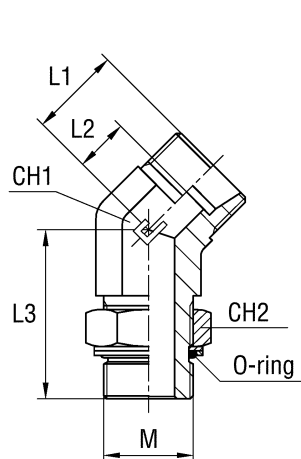
Note: If you wish to order a fitting in stainless steel, please change the first two digit from 10.. to 11..
Articles not included in ISO 8434-1 norm available on request only

ADJUSTABLE DIN MALE 45° STUD ELBOW WITH O-RING AND WASHER Thread Metric Parallel

Type: 1065...1 Only Body

Type: 1065... B3 Ring

Type: 1065...4 B4 Ring



| Serie | Bar | Ordering Body | Ordering Equipped B3 | Ø Tube | M | L1 | L2 | L3 | L4 | CH1 | CH2 | CH3 | Ordering Equipped B4 |
|-------|----------|---------------|----------------------|--------|--------|--------|------|----|------|-----|-----|-----|----------------------|
| L | 315 | 106504.1 | 106504 | 6 | 10x1 | 16 | 9 | 27 | 24 | 11 | 14 | 14 | 106504.4 |
| | | 106505.1 | 106505 | 8 | 12x1,5 | 19 | 12 | 27 | 27 | 14 | 17 | 17 | 106505.4 |
| | | 106506.1 | 106506 | 10 | 14x1,5 | 19 | 12 | 28 | 27 | 14 | 19 | 19 | 106506.4 |
| | | 106507.1 | 106507 | 12 | 16x1,5 | 21 | 14 | 33 | 29 | 19 | 22 | 22 | 106507.4 |
| | | 106508.1 | 106508 | 15 | 18x1,5 | 24 | 17 | 36 | 32 | 22 | 24 | 27 | 106508.4 |
| | 250 | 106509.1 | 106509 | 18 | 22x1,5 | 24,5 | 17 | 38 | 33,5 | 27 | 27 | 32 | 106509.4 |
| | 160 | 106510.1 | 106510 | 22 | 27x2 | 26 | 18,5 | 46 | 35 | 27 | 32 | 36 | 106510.4 |
| | | 106511.1 | 106511 | 28 | 33x2 | 30,5 | 23 | 46 | 39,5 | 33 | 41 | 41 | 106511.4 |
| | | 106512.1 | 106512 | 35 | 42x2 | 33 | 22,5 | 48 | 44 | 41 | 50 | 50 | 106512.4 |
| | | 106513.1 | 106513 | 42 | 48x2 | 37 | 26 | 50 | 49 | 48 | 55 | 60 | 106513.4 |
| S | | 315 | 106514.1 | 106514 | 6 | 12x1,5 | 16 | 9 | 27 | 24 | 14 | 17 | 17 |
| | 106515.1 | | 106515 | 8 | 14x1,5 | 19 | 12 | 28 | 27 | 14 | 19 | 19 | 106515.4 |
| | 106516.1 | | 106516 | 10 | 16x1,5 | 20 | 12,5 | 33 | 29 | 19 | 22 | 22 | 106516.4 |
| | 106517.1 | | 106517 | 12 | 18x1,5 | 21 | 13,5 | 33 | 30 | 19 | 24 | 24 | 106517.4 |
| | 250 | 106518.1 | 106518 | 14 | 20x1,5 | 24 | 16 | 39 | 34 | 22 | 27 | 27 | 106518.4 |
| | | 106519.1 | 106519 | 16 | 22x1,5 | 24 | 15,5 | 40 | 34 | 27 | 27 | 30 | 106519.4 |
| | | 106520.1 | 106520 | 20 | 27x2 | 26,5 | 16 | 46 | 37,5 | 27 | 32 | 36 | 106520.4 |
| | 160 | 106521.1 | 106521 | 25 | 33x2 | 31 | 19 | 46 | 43 | 33 | 41 | 46 | 106521.4 |
| | | 106522.1 | 106522 | 30 | 42x2 | 35 | 21,5 | 48 | 48 | 41 | 50 | 50 | 106522.4 |
| | | 106523.1 | 106523 | 38 | 48x2 | 39 | 23 | 50 | 54 | 48 | 55 | 60 | 106523.4 |

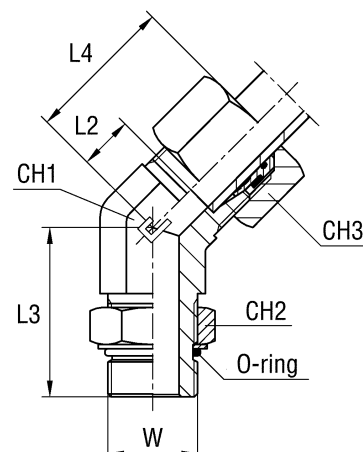
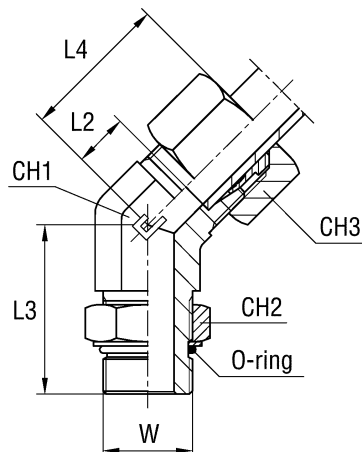
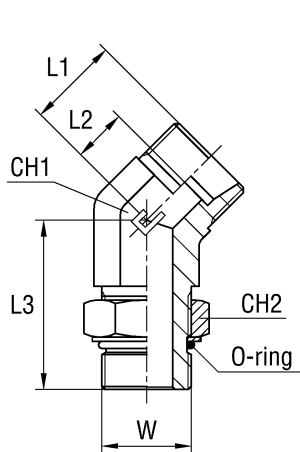
Note: If you wish to order a fitting in stainless steel, please change the first two digit from 10.. to 11..
 Articles not included in ISO 8434-1 norm available on request only

ADJUSTABLE DIN MALE 45° STUD ELBOW WITH O-RING Thread BSP Parallel

Type: 1066...1 Only Body

Type: 1066... B3 Ring

Type: 1066...4 B4 Ring



| Serie | Bar | Ordering Body | Ordering Equipped B3 | Ø Tube | W | L1 | L2 | L3 | L4 | CH1 | CH2 | CH3 | Ordering Equipped B4 |
|-------|-----|---------------|----------------------|--------|-----------|------|------|------|------|-----|-----|-----|----------------------|
| L | 315 | 106604.1 | 106604 | 6 | 7/16-20 | 16 | 9 | 26,5 | 24 | 11 | 14 | 14 | 106604.4 |
| | | 106605.1 | 106605 | 8 | 7/16-20 | 19 | 12 | 26,5 | 27 | 14 | 14 | 17 | 106605.4 |
| | | 106606.1 | 106606 | 10 | 9/16-18 | 19 | 12 | 29 | 27 | 14 | 17 | 19 | 106606.4 |
| | | 106607.1 | 106607 | 12 | 3/4-16 | 21 | 14 | 33 | 29 | 19 | 22 | 22 | 106607.4 |
| | | 106608.1 | 106608 | 15 | 7/8-14 | 24 | 17 | 39 | 32 | 22 | 27 | 27 | 106608.4 |
| | | 106609.1 | 10660 | 18 | 7/8-14 | 24,5 | 17 | 39 | 33,5 | 27 | 27 | 32 | 106609.4 |
| | 160 | 106610.1 | 106610 | 22 | 1 1/16-12 | 26 | 18,5 | 44 | 35 | 27 | 32 | 36 | 106610.4 |
| | | 106611.1 | 106611 | 28 | 1 5/16-12 | 30,5 | 23 | 47 | 39,5 | 33 | 41 | 41 | 106611.4 |
| | | 106612.1 | 106612 | 35 | 1 5/8-12 | 33 | 22,5 | 48 | 44 | 41 | 50 | 50 | 106612.4 |
| | | 106613.1 | 106613 | 42 | 1 7/8-12 | 37 | 26 | 48,5 | 49 | 48 | 55 | 60 | 106613.4 |
| S | 400 | 106614.1 | 106614 | 6 | 7/16-20 | 16 | 9 | 27 | 24 | 14 | 14 | 17 | 106614.4 |
| | | 106615.1 | 106615 | 8 | 9/16-18 | 19 | 12 | 30 | 27 | 14 | 17 | 19 | 106615.4 |
| | | 106616.1 | 106616 | 10 | 9/16-18 | 20 | 12,5 | 34 | 29 | 19 | 17 | 22 | 106616.4 |
| | | 106617.1 | 106617 | 12 | 3/4-16 | 21 | 13,5 | 34 | 30 | 19 | 22 | 24 | 106617.4 |
| | | 106618.1 | 106618 | 14 | 7/8-14 | 24 | 16 | 39 | 34 | 22 | 27 | 27 | 106618.4 |
| | | 106619.1 | 106619 | 16 | 7/8-14 | 24 | 15,5 | 39 | 34 | 27 | 27 | 30 | 106619.4 |
| | | 106620.1 | 106620 | 20 | 1 1/16-12 | 26,5 | 16 | 44 | 37,5 | 27 | 32 | 36 | 106620.4 |
| | | 106621.1 | 106621 | 25 | 1 5/16-12 | 31 | 19 | 47 | 43 | 33 | 41 | 46 | 106621.4 |
| | 315 | 106622.1 | 106622 | 30 | 1 5/8-12 | 35 | 21,5 | 48 | 48 | 41 | 50 | 50 | 106622.4 |
| | | 106623.1 | 106623 | 38 | 1 7/8-12 | 39 | 23 | 50 | 54 | 48 | 55 | 60 | 106623.4 |

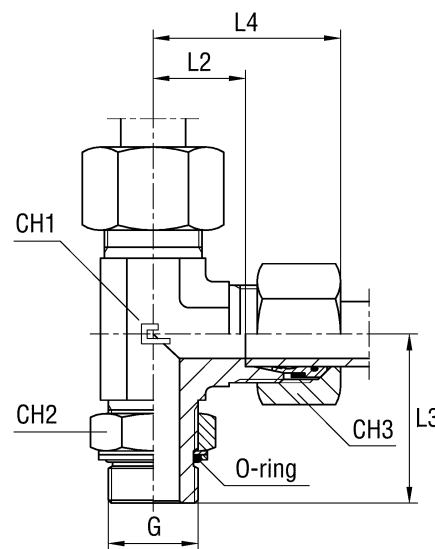
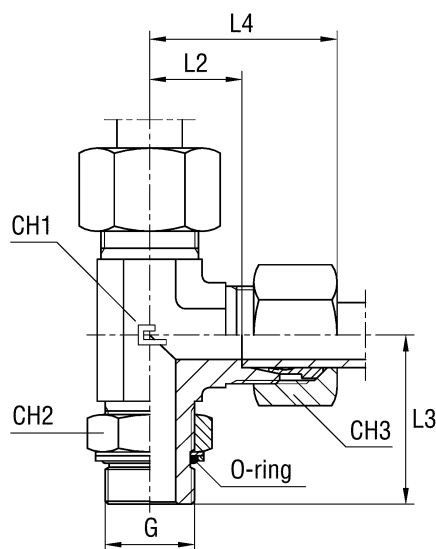
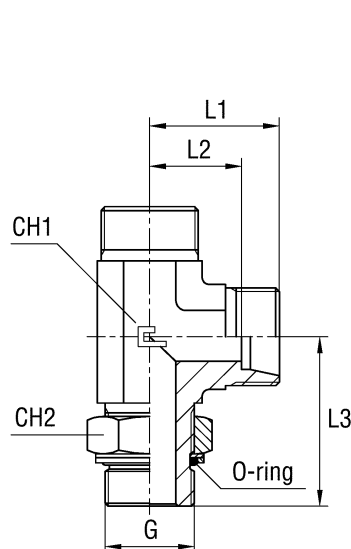
Note: If you wish to order a fitting in stainless steel, please change the first two digit from 10.. to 11..
Articles not included in ISO 8434-1 norm available on request only

ADJUSTABLE DIN MALE STUD BARREL TEE WITH O-RING AND WASHER Thread Metric Parallel

Type: 1067...1 Only Body

Type: 1067.. B3 Ring

Type: 1067...4 B4 Ring



| Serie | Bar | Ordering Body | Ordering Equipped B3 | Ø Tube | G | L1 | L2 | L3 | L4 | CH1 | CH2 | CH3 | Ordering Equipped B4 |
|-------|-----|---------------|----------------------|--------|-------|----|------|----|----|-----|-----|-----|----------------------|
| L | 315 | 106704.1 | 106704 | 6 | 1/8 | 19 | 12 | 26 | 27 | 11 | 14 | 14 | 106704.4 |
| | | 106705.1 | 106705 | 8 | 1/4 | 21 | 14 | 32 | 29 | 14 | 19 | 17 | 106705.4 |
| | | 106706.1 | 106706 | 10 | 1/4 | 22 | 15 | 32 | 30 | 14 | 19 | 19 | 106706.4 |
| | 250 | 106707.1 | 106707 | 12 | 3/8 | 24 | 17 | 37 | 32 | 19 | 22 | 22 | 106707.4 |
| | | 106708.1 | 106708 | 15 | 1/2 | 28 | 21 | 44 | 36 | 22 | 27 | 27 | 106708.4 |
| | | 106709.1 | 106709 | 18 | 1/2 | 31 | 23,5 | 47 | 40 | 27 | 27 | 32 | 106709.4 |
| | | 106710.1 | 106710 | 22 | 3/4 | 35 | 27,5 | 51 | 44 | 27 | 36 | 36 | 106710.4 |
| | 160 | 106711.1 | 106711 | 28 | 1 | 38 | 30,5 | 53 | 47 | 33 | 41 | 41 | 106711.4 |
| | | 106712.1 | 106712 | 35 | 1 1/4 | 45 | 34,5 | 59 | 56 | 41 | 50 | 50 | 106712.4 |
| | | 106713.1 | 106713 | 42 | 1 1/2 | 51 | 40 | 64 | 63 | 48 | 55 | 60 | 106713.4 |
| S | 315 | 106714.1 | 106714 | 6 | 1/4 | 23 | 16 | 32 | 31 | 14 | 19 | 17 | 106714.4 |
| | | 106715.1 | 106715 | 8 | 1/4 | 24 | 17 | 32 | 32 | 14 | 19 | 19 | 106715.4 |
| | 250 | 106716.1 | 106716 | 10 | 3/8 | 25 | 17,5 | 37 | 34 | 19 | 22 | 22 | 106716.4 |
| | | 106717.1 | 106717 | 12 | 3/8 | 29 | 21,5 | 37 | 38 | 19 | 22 | 24 | 106717.4 |
| | | 106718.1 | 106718 | 14 | 1/2 | 30 | 22 | 44 | 40 | 22 | 27 | 27 | 106718.4 |
| | | 106719.1 | 106719 | 16 | 1/2 | 33 | 24,5 | 47 | 43 | 27 | 27 | 30 | 106719.4 |
| | | 106720.1 | 106720 | 20 | 3/4 | 37 | 26,5 | 51 | 48 | 27 | 36 | 36 | 106720.4 |
| | 200 | 106721.1 | 106721 | 25 | 1 | 42 | 30 | 53 | 54 | 33 | 41 | 46 | 106721.4 |
| | | 106722.1 | 106722 | 30 | 1 1/4 | 49 | 35,5 | 59 | 62 | 41 | 50 | 50 | 106722.4 |
| | 160 | 106723.1 | 106723 | 38 | 1 1/2 | 57 | 41 | 64 | 72 | 48 | 55 | 60 | 106723.4 |

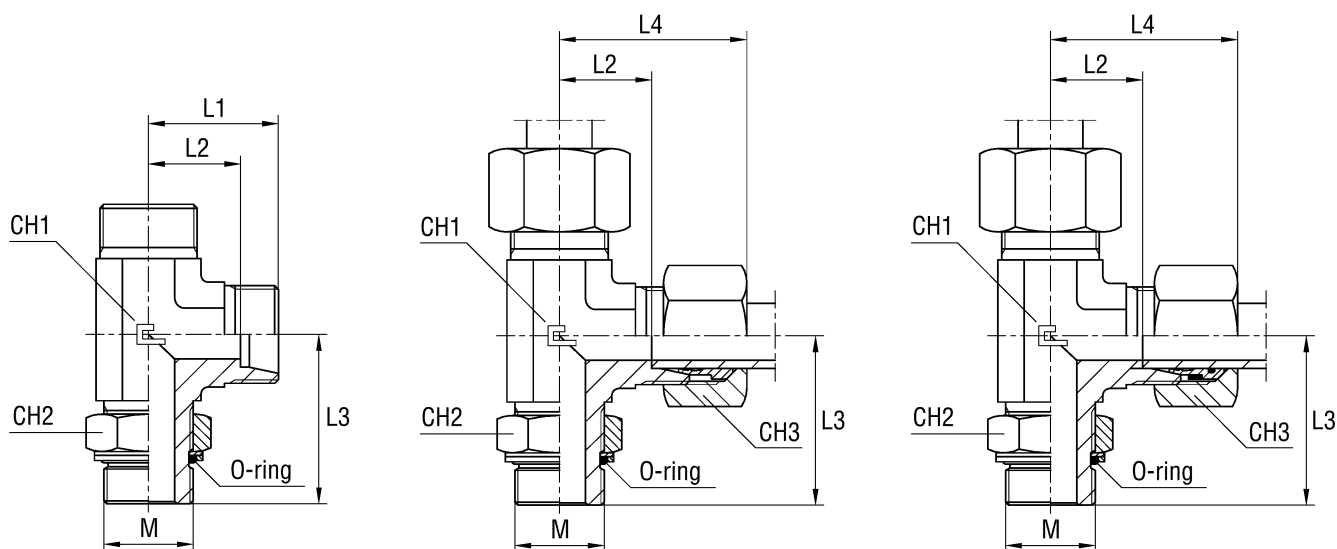
Note: If you wish to order a fitting in stainless steel, please change the first two digit from 10.. to 11..
 Articles not included in ISO 8434-1 norm available on request only

ADJUSTABLE DIN MALE STUD BARREL TEE WITH O-RING AND WASHER Thread Metric Parallel

Type: **1068...1** Only Body

Type: **1068...3** B3 Ring

Type: **1068...4** B4 Ring



| Serie | Bar | Ordering Body | Ordering Equipped B3 | Ø Tube | M | L1 | L2 | L3 | L4 | CH1 | CH2 | CH3 | Ordering Equipped B4 |
|----------|-----|---------------|----------------------|--------|--------|------|------|------|----|-----|-----|----------|----------------------|
| L | 315 | 106804.1 | 106804 | 6 | 10x1 | 19 | 12 | 27 | 27 | 11 | 14 | 14 | 106804.4 |
| | | 106805.1 | 106805 | 8 | 12x1,5 | 21 | 14 | 31 | 29 | 14 | 17 | 17 | 106805.4 |
| | | 106806.1 | 106806 | 10 | 14x1,5 | 22 | 15 | 33 | 30 | 14 | 19 | 19 | 106806.4 |
| | | 106807.1 | 106807 | 12 | 16x1,5 | 24 | 17 | 38 | 32 | 19 | 22 | 22 | 106807.4 |
| | | 106808.1 | 106808 | 15 | 18x1,5 | 28 | 21 | 40 | 36 | 22 | 24 | 27 | 106808.4 |
| | 250 | 106809.1 | 106809 | 18 | 22x1,5 | 31 | 23,5 | 46 | 40 | 27 | 27 | 32 | 106809.4 |
| | 160 | 106810.1 | 106810 | 22 | 27x2 | 35 | 27,5 | 50,5 | 44 | 27 | 32 | 36 | 106810.4 |
| | | 106811.1 | 106811 | 28 | 33x2 | 38 | 30,5 | 52,5 | 47 | 33 | 41 | 41 | 106811.4 |
| 106812.1 | | 106812 | 35 | 42x2 | 45 | 34,5 | 58 | 56 | 41 | 50 | 50 | 106812.4 | |
| 106813.1 | | 106813 | 42 | 48x2 | 51 | 40 | 63 | 63 | 48 | 55 | 60 | 106813.4 | |
| S | 315 | 106814.1 | 106814 | 6 | 12x1,5 | 23 | 16 | 31 | 31 | 14 | 17 | 17 | 106814.4 |
| | | 106815.1 | 106815 | 8 | 14x1,5 | 24 | 17 | 33 | 32 | 14 | 19 | 19 | 106815.4 |
| | | 106816.1 | 106816 | 10 | 16x1,5 | 25 | 17,5 | 38 | 34 | 19 | 22 | 22 | 106816.4 |
| | | 106817.1 | 106817 | 12 | 18x1,5 | 29 | 21,5 | 38 | 38 | 19 | 24 | 24 | 106817.4 |
| | 250 | 106818.1 | 106818 | 14 | 20x1,5 | 30 | 22 | 44 | 40 | 22 | 27 | 27 | 106818.4 |
| | | 106819.1 | 106819 | 16 | 22x1,5 | 33 | 24,5 | 48 | 43 | 27 | 27 | 30 | 106819.4 |
| | | 106820.1 | 106820 | 20 | 27x2 | 37 | 26,5 | 50,5 | 48 | 27 | 32 | 36 | 106820.4 |
| | 160 | 106821.1 | 106821 | 25 | 33x2 | 42 | 30 | 52,5 | 54 | 33 | 41 | 46 | 106821.4 |
| | | 106822.1 | 106822 | 30 | 42x2 | 49 | 35,5 | 58 | 62 | 41 | 50 | 50 | 106822.4 |
| | | 106823.1 | 106823 | 38 | 48x2 | 57 | 41 | 63 | 72 | 48 | 55 | 60 | 106823.4 |

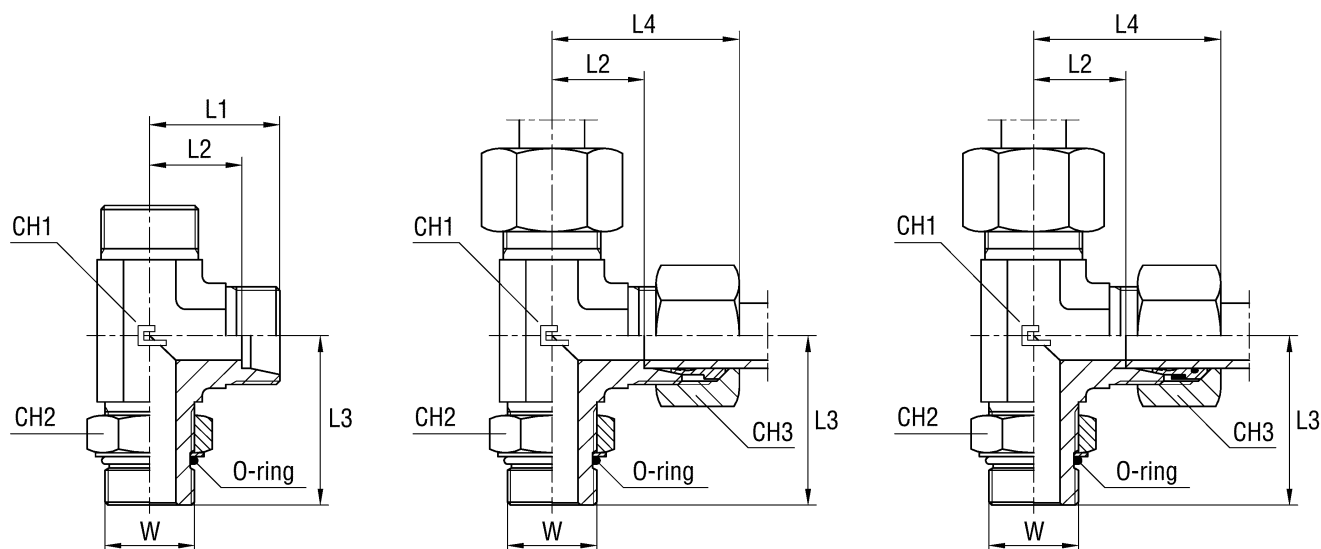
Note: If you wish to order a fitting in stainless steel, please change the first two digit from 10.. to 11..
Articles not included in ISO 8434-1 norm available on request only

ADJUSTABLE DIN MALE STUD BARREL TEE WITH O-RING Thread UNF/UN-2A

Type: 1069...1 Only Body

Type: 1069.. B3 Ring

Type: 1069...4 B4 Ring



| Serie | Bar | Ordering Body | Ordering Equipped B3 | Ø Tube | W | L1 | L2 | L3 | L4 | CH1 | CH2 | CH3 | Ordering Equipped B4 |
|-------|----------|---------------|----------------------|----------|----------|---------|------|------|----|-----|-----|----------|----------------------|
| L | 315 | 106904.1 | 106904 | 6 | 7/16-20 | 19 | 12 | 27 | 27 | 11 | 14 | 14 | 106904.4 |
| | | 106905.1 | 106905 | 8 | 7/16-20 | 21 | 14 | 28 | 29 | 14 | 14 | 17 | 106905.4 |
| | | 106906.1 | 106906 | 10 | 9/16-18 | 22 | 15 | 32 | 30 | 14 | 17 | 19 | 106906.4 |
| | | 106907.1 | 106907 | 12 | 3/4-16 | 24 | 17 | 37 | 32 | 19 | 22 | 22 | 106907.4 |
| | | 106908.1 | 106908 | 15 | 7/8-14 | 28 | 21 | 43 | 36 | 22 | 27 | 27 | 106908.4 |
| | 106909.1 | 106909 | 18 | 7/8-14 | 31 | 23,5 | 47 | 40 | 27 | 27 | 32 | 106909.4 | |
| | 160 | 106910.1 | 106910 | 22 | 11/16-12 | 35 | 27,5 | 49,5 | 44 | 27 | 32 | 36 | 106910.4 |
| | | 106911.1 | 106911 | 28 | 15/16-12 | 38 | 30,5 | 52 | 47 | 33 | 41 | 41 | 106911.4 |
| | | 106912.1 | 106912 | 35 | 15/8-12 | 45 | 34,5 | 58 | 56 | 41 | 50 | 50 | 106912.4 |
| | | 106913.1 | 106913 | 42 | 17/8-12 | 51 | 40 | 60 | 63 | 48 | 55 | 60 | 106913.4 |
| S | | 400 | 106914.1 | 106914 | 6 | 7/16-20 | 23 | 16 | 29 | 31 | 14 | 14 | 17 |
| | 106915.1 | | 106915 | 8 | 9/16-18 | 24 | 17 | 33 | 32 | 14 | 17 | 19 | 106915.4 |
| | 106916.1 | | 106916 | 10 | 9/16-18 | 25 | 17,5 | 37,5 | 34 | 19 | 17 | 22 | 106916.4 |
| | 106917.1 | | 106917 | 12 | 3/4-16 | 29 | 21,5 | 38 | 38 | 19 | 22 | 24 | 106917.4 |
| | 106918.1 | | 106918 | 14 | 7/8-14 | 30 | 22 | 44 | 40 | 22 | 27 | 27 | 106918.4 |
| | 106919.1 | | 106919 | 16 | 7/8-14 | 33 | 24,5 | 48 | 43 | 27 | 27 | 30 | 106919.4 |
| | 106920.1 | | 106920 | 20 | 11/16-12 | 37 | 26,5 | 51 | 48 | 27 | 32 | 36 | 106920.4 |
| | 106921.1 | 106921 | 25 | 15/16-12 | 42 | 30 | 53 | 54 | 33 | 41 | 46 | 106921.4 | |
| | 250 | 106922.1 | 106922 | 30 | 15/8-12 | 49 | 35,5 | 59 | 62 | 41 | 50 | 50 | 106922.4 |
| | | 106923.1 | 106923 | 38 | 17/8-12 | 57 | 41 | 62 | 72 | 48 | 55 | 60 | 106923.4 |

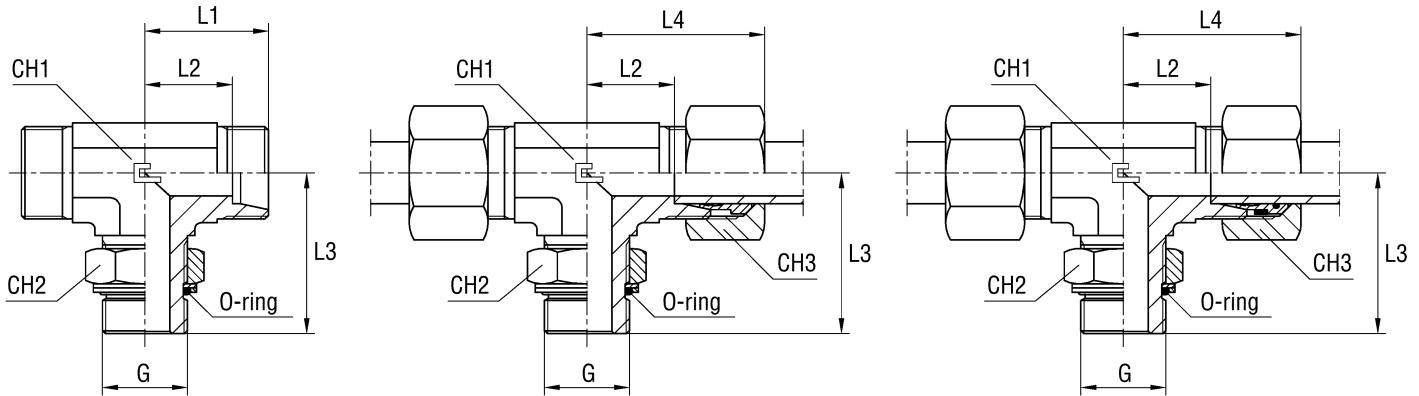
Note: If you wish to order a fitting in stainless steel, please change the first two digit from 10.. to 11..
 Articles not included in ISO 8434-1 norm available on request only

ADJUSTABLE DIN MALE STUD BRANCH TEE WITH O-RING AND WASHER
Thread BSP Parallel

Type: 1070...1 Only Body

Type: 1070.. B3 Ring

Type: 1070...4 B4 Ring



| Serie | Bar | Ordering Body | Ordering Equipped B3 | Ø Tube | G | L1 | L2 | L3 | L4 | CH1 | CH2 | CH3 | Ordering Equipped B4 |
|-------|-----|---------------|----------------------|--------|-------|----|------|----|----|-----|-----|-----|----------------------|
| L | 315 | 107004.1 | 107004 | 6 | 1/8 | 19 | 12 | 26 | 27 | 11 | 14 | 14 | 107004.4 |
| | | 107005.1 | 107005 | 8 | 1/4 | 21 | 14 | 32 | 29 | 14 | 19 | 17 | 107005.4 |
| | | 107006.1 | 107006 | 10 | 1/4 | 22 | 15 | 32 | 30 | 14 | 19 | 19 | 107006.4 |
| | 250 | 107007.1 | 107007 | 12 | 3/8 | 24 | 17 | 37 | 32 | 19 | 22 | 22 | 107007.4 |
| | | 107008.1 | 107008 | 15 | 1/2 | 28 | 21 | 44 | 36 | 22 | 27 | 27 | 107008.4 |
| | | 107009.1 | 107009 | 18 | 1/2 | 31 | 23,5 | 47 | 40 | 27 | 27 | 32 | 107009.4 |
| | 160 | 107010.1 | 107010 | 22 | 3/4 | 35 | 27,5 | 51 | 44 | 27 | 36 | 36 | 107010.4 |
| | | 107011.1 | 107011 | 28 | 1 | 38 | 30,5 | 53 | 47 | 33 | 41 | 41 | 107011.4 |
| | | 107012.1 | 107012 | 35 | 1 1/4 | 45 | 34,5 | 59 | 56 | 41 | 50 | 50 | 107012.4 |
| | | 107013.1 | 107013 | 42 | 1 1/2 | 51 | 40 | 64 | 63 | 48 | 55 | 60 | 107013.4 |
| S | 315 | 107014.1 | 107014 | 6 | 1/4 | 23 | 16 | 32 | 31 | 14 | 19 | 17 | 107014.4 |
| | | 107015.1 | 107015 | 8 | 1/4 | 24 | 17 | 32 | 32 | 14 | 19 | 19 | 107015.4 |
| | 250 | 107016.1 | 107016 | 10 | 3/8 | 25 | 17,5 | 37 | 34 | 19 | 22 | 22 | 107016.4 |
| | | 107017.1 | 107017 | 12 | 3/8 | 29 | 21,5 | 37 | 38 | 19 | 22 | 24 | 107017.4 |
| | | 107018.1 | 107018 | 14 | 1/2 | 30 | 22 | 44 | 40 | 22 | 27 | 27 | 107018.4 |
| | | 107019.1 | 107019 | 16 | 1/2 | 33 | 24,5 | 47 | 43 | 27 | 27 | 30 | 107019.4 |
| | 200 | 107020.1 | 107020 | 20 | 3/4 | 37 | 26,5 | 51 | 48 | 27 | 36 | 36 | 107020.4 |
| | | 107021.1 | 107021 | 25 | 1 | 42 | 30 | 53 | 54 | 33 | 41 | 46 | 107021.4 |
| | 160 | 107022.1 | 107022 | 30 | 1 1/4 | 49 | 35,5 | 59 | 62 | 41 | 50 | 50 | 107022.4 |
| | | 107023.1 | 107023 | 38 | 1 1/2 | 57 | 41 | 64 | 72 | 48 | 55 | 60 | 107023.4 |

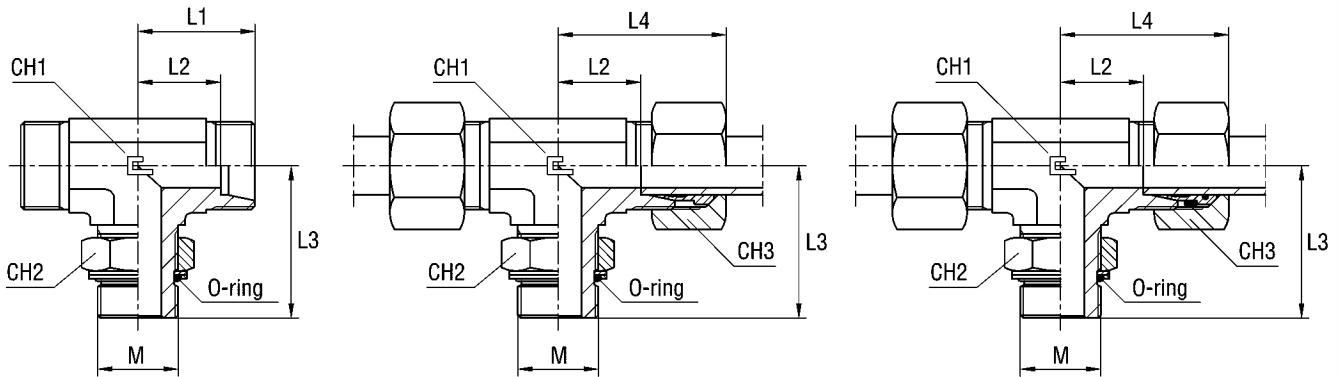
Note: If you wish to order a fitting in stainless steel, please change the first two digit from 10.. to 11..
Articles not included in ISO 8434-1 norm available on request only

ADJUSTABLE DIN MALE STUD BRANCH TEE WITH O-RING AND WASHER Thread Metric Parallel

Type: 1071..1 Only Body

Type: 1071.. B3 Ring

Type: 1071...4 B4 Ring



| Serie | Bar | Ordering Body | Ordering Equipped B3 | Ø Tube | M | L1 | L2 | L3 | L4 | CH1 | CH2 | CH3 | Ordering Equipped B4 |
|-------|-----|---------------|----------------------|--------|--------|----|------|------|----|-----|-----|-----|----------------------|
| L | 315 | 107104.1 | 107104 | 6 | 10x1 | 19 | 12 | 27 | 27 | 11 | 14 | 14 | 107104.4 |
| | | 107105.1 | 107105 | 8 | 12x1,5 | 21 | 14 | 31 | 29 | 14 | 17 | 17 | 107105.4 |
| | | 107106.1 | 107106 | 10 | 14x1,5 | 22 | 15 | 33 | 30 | 14 | 19 | 19 | 107106.4 |
| | | 107107.1 | 107107 | 12 | 16x1,5 | 24 | 17 | 38 | 32 | 19 | 22 | 22 | 107107.4 |
| | | 107108.1 | 107108 | 15 | 18x1,5 | 28 | 21 | 40 | 36 | 22 | 24 | 27 | 107108.4 |
| | 250 | 107109.1 | 107109 | 18 | 22x1,5 | 31 | 23,5 | 46 | 40 | 27 | 27 | 32 | 107109.4 |
| | 160 | 107110.1 | 107110 | 22 | 27x2 | 35 | 27,5 | 50,5 | 44 | 27 | 32 | 36 | 107110.4 |
| | | 107111.1 | 107111 | 28 | 33x2 | 38 | 30,5 | 52,5 | 47 | 33 | 41 | 41 | 107111.4 |
| | | 107112.1 | 107112 | 35 | 42x2 | 45 | 34,5 | 58 | 56 | 41 | 50 | 50 | 107112.4 |
| | | 107113.1 | 107113 | 42 | 48x2 | 51 | 40 | 63 | 63 | 48 | 55 | 60 | 107113.4 |
| S | 315 | 107114.1 | 107114 | 6 | 12x1,5 | 23 | 16 | 31 | 31 | 14 | 17 | 17 | 107114.4 |
| | | 107115.1 | 107115 | 8 | 14x1,5 | 24 | 17 | 33 | 32 | 14 | 19 | 19 | 107115.4 |
| | | 107116.1 | 107116 | 10 | 16x1,5 | 25 | 17,5 | 38 | 34 | 19 | 22 | 22 | 107116.4 |
| | | 107117.1 | 107117 | 12 | 18x1,5 | 29 | 21,5 | 38 | 38 | 19 | 24 | 24 | 107117.4 |
| | 250 | 107118.1 | 107118 | 14 | 20x1,5 | 30 | 22 | 44 | 40 | 22 | 27 | 27 | 107118.4 |
| | | 107119.1 | 107119 | 16 | 22x1,5 | 33 | 24,5 | 48 | 43 | 27 | 27 | 30 | 107119.4 |
| | | 107120.1 | 107120 | 20 | 27x2 | 37 | 26,5 | 50,5 | 48 | 27 | 32 | 36 | 107120.4 |
| | 160 | 107121.1 | 107121 | 25 | 33x2 | 42 | 30 | 52,5 | 54 | 33 | 41 | 46 | 107121.4 |
| | | 107122.1 | 107122 | 30 | 42x2 | 49 | 35,5 | 58 | 62 | 41 | 50 | 50 | 107122.4 |
| | | 107123.1 | 107123 | 38 | 48x2 | 57 | 41 | 63 | 72 | 48 | 55 | 60 | 107123.4 |

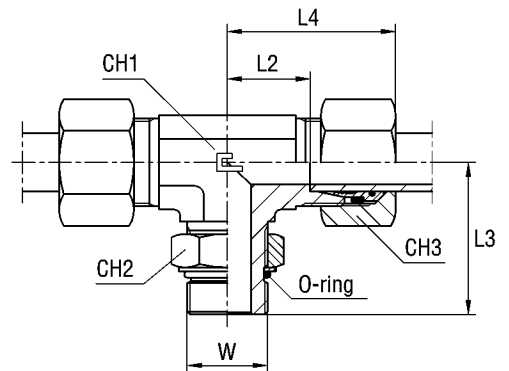
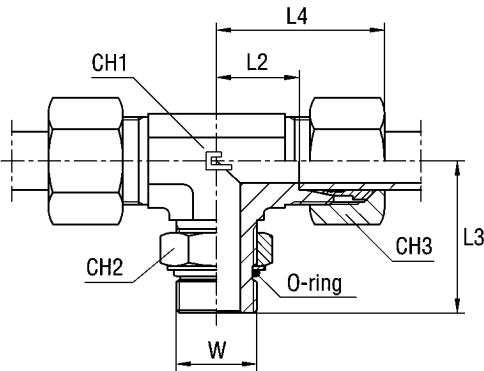
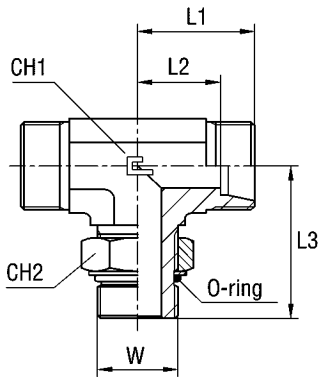
Note: If you wish to order a fitting in stainless steel, please change the first two digit from 10.. to 11..
 Articles not included in ISO 8434-1 norm available on request only

ADJUSTABLE DIN MALE STUD BRANCH TEE WITH O-RING Thread UNF/UN-2A

Type: 1072...1 Only Body

Type: 1072... B3 Ring

Type: 1072...4 B4 Ring

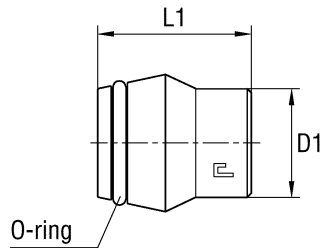


| Serie | Bar | Ordering Body | Ordering Equipped B3 | Ø Tube | W | L1 | L2 | L3 | L4 | CH1 | CH2 | CH3 | Ordering Equipped B4 |
|----------|----------|---------------|----------------------|-----------|-----------|------|------|------|----|-----|-----|----------|----------------------|
| L | 315 | 107204.1 | 107204 | 6 | 7/16-20 | 19 | 12 | 27 | 27 | 11 | 14 | 14 | 107204.4 |
| | | 107205.1 | 107205 | 8 | 7/16-20 | 21 | 14 | 28 | 29 | 14 | 14 | 17 | 107205.4 |
| | | 107206.1 | 107206 | 10 | 9/16-18 | 22 | 15 | 32 | 30 | 14 | 17 | 19 | 107206.4 |
| | | 107207.1 | 107207 | 12 | 3/4-16 | 24 | 17 | 37 | 32 | 19 | 22 | 22 | 107207.4 |
| | | 107208.1 | 107208 | 15 | 7/8-14 | 28 | 21 | 43 | 36 | 22 | 27 | 27 | 107208.4 |
| | 107209.1 | 107209 | 18 | 7/8-14 | 31 | 23,5 | 47 | 40 | 27 | 27 | 32 | 107209.4 | |
| | 160 | 107210.1 | 107210 | 22 | 1 1/16-12 | 35 | 27,5 | 49,5 | 44 | 27 | 32 | 36 | 107210.4 |
| | | 107211.1 | 107211 | 28 | 1 5/16-12 | 38 | 30,5 | 52 | 47 | 33 | 41 | 41 | 107211.4 |
| 107212.1 | | 107212 | 35 | 1 5/8-12 | 45 | 34,5 | 58 | 56 | 41 | 50 | 50 | 107212.4 | |
| | | 107213.1 | 107213 | 42 | 1 7/8-12 | 51 | 40 | 60 | 63 | 48 | 55 | 60 | 107213.4 |
| S | 400 | 107214.1 | 107214 | 6 | 7/16-20 | 23 | 16 | 29 | 31 | 14 | 14 | 17 | 107214.4 |
| | | 107215.1 | 107215 | 8 | 9/16-18 | 24 | 17 | 33 | 32 | 14 | 17 | 19 | 107215.4 |
| | | 107216.1 | 107216 | 10 | 9/16-18 | 25 | 17,5 | 37,5 | 34 | 19 | 17 | 22 | 107216.4 |
| | | 107217.1 | 107217 | 12 | 3/4-16 | 29 | 21,5 | 38 | 38 | 19 | 22 | 24 | 107217.4 |
| | | 107218.1 | 107218 | 14 | 7/8-14 | 30 | 22 | 44 | 40 | 22 | 27 | 27 | 107218.4 |
| | | 107219.1 | 107219 | 16 | 7/8-14 | 33 | 24,5 | 48 | 43 | 27 | 27 | 30 | 107219.4 |
| | | 107220.1 | 107220 | 20 | 1 1/16-12 | 37 | 26,5 | 51 | 48 | 27 | 32 | 36 | 107220.4 |
| | 107221.1 | 107221 | 25 | 1 5/16-12 | 42 | 30 | 53 | 54 | 33 | 41 | 46 | 107221.4 | |
| | 250 | 107222.1 | 107222 | 30 | 1 5/8-12 | 49 | 35,5 | 59 | 62 | 41 | 50 | 50 | 107222.4 |
| | | 107223.1 | 107223 | 38 | 1 7/8-12 | 57 | 41 | 62 | 72 | 48 | 55 | 60 | 107223.4 |

Note: If you wish to order a fitting in stainless steel, please change the first two digit from 10.. to 11..
Articles not included in ISO 8434-1 norm available on request only

BLANKING PLUG WITH O-RING

Type: 1073.. Only Body

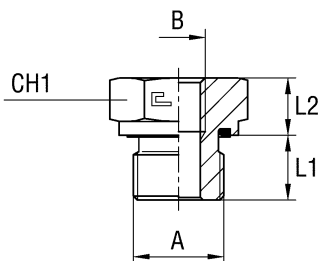


| Serie | Bar | Ordering Body | Ø Tube | D1 | L1 |
|-------|-----|---------------|--------|----|----|
| L | 315 | 107304 | 6 | 6 | 17 |
| | | 107305 | 8 | 8 | 17 |
| | | 107306 | 10 | 10 | 20 |
| | | 107307 | 12 | 12 | 21 |
| | | 107308 | 15 | 15 | 21 |
| | | 107309 | 18 | 18 | 23 |
| | 160 | 107310 | 22 | 22 | 23 |
| | | 107311 | 28 | 28 | 25 |
| | | 107312 | 35 | 35 | 29 |
| | | 107313 | 42 | 42 | 30 |
| S | 630 | 107304 | 6 | 6 | 17 |
| | | 107305 | 8 | 8 | 17 |
| | | 107306 | 10 | 10 | 20 |
| | | 107307 | 12 | 12 | 21 |
| | | 107318 | 14 | 14 | 23 |
| | | 107319 | 16 | 16 | 24 |
| | 400 | 107320 | 20 | 20 | 28 |
| | | 107321 | 25 | 25 | 31 |
| | | 107322 | 30 | 30 | 34 |
| | | 107323 | 38 | 38 | 38 |
| | 315 | 107323 | 38 | 38 | 38 |

Note: If you wish to order a fitting in stainless steel, please change the first two digit from 10.. to 11..

MALE - FEMALE ADAPTER WITH ELASTOMER SEAL Thread BSP Parallel

Type: 1074..

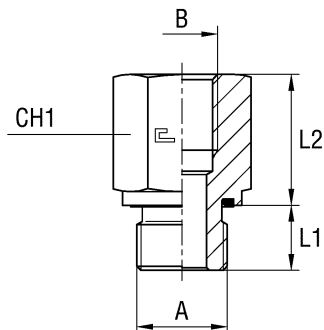


| Serie | Bar | Ordering Complete | A | B | L1 | L2 | CH1 |
|-------|-----|-------------------|-------|-----|----|------|-----|
| L/S | 630 | 107401 | 3/8 | 1/8 | 12 | 10,5 | 22 |
| | | 107402 | 1/2 | 1/8 | 14 | 10 | 27 |
| | | 107403 | 1/2 | 1/4 | 14 | 10 | 27 |
| | 400 | 107404 | 3/4 | 1/4 | 16 | 10 | 32 |
| | | 107405 | 3/4 | 3/8 | 16 | 10 | 32 |
| | | 107406 | 1 | 1/4 | 18 | 11 | 41 |
| | | 107407 | 1 | 3/8 | 18 | 11 | 41 |
| | | 107408 | 1 | 1/2 | 18 | 11 | 41 |
| | | 107409 | 1 1/4 | 1/2 | 20 | 12 | 50 |
| | | 107410 | 1 1/4 | 3/4 | 20 | 12 | 50 |
| | 315 | 107411 | 1 1/2 | 1/2 | 22 | 14 | 55 |
| | | 107412 | 1 1/2 | 3/4 | 22 | 14 | 55 |
| | | 107413 | 1 1/2 | 1 | 22 | 14 | 55 |

Note: If you wish to order a fitting in stainless steel, please change the first two digit from 10.. to 11..

MALE - FEMALE ADAPTER WITH ELASTOMER SEAL Thread BSP Parallel

Type: 1075..

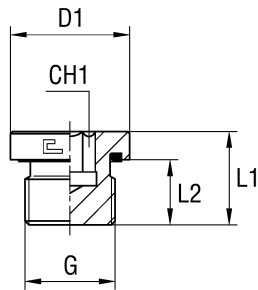


| Serie | Bar | Ordering Complete | A | B | L1 | L2 | CH1 |
|-------|-----|-------------------|-------|-------|----|----|-----|
| L/S | 630 | 107501 | 1/8 | 1/4 | 8 | 23 | 19 |
| | | 107502 | 1/8 | 3/8 | 8 | 24 | 24 |
| | | 107503 | 1/4 | 1/8 | 12 | 16 | 19 |
| | | 107504 | 1/4 | 3/8 | 12 | 24 | 24 |
| | | 107505 | 1/4 | 1/2 | 12 | 28 | 30 |
| | | 107506 | 1/4 | 3/4 | 12 | 31 | 36 |
| | | 107507 | 3/8 | 1/4 | 12 | 24 | 22 |
| | | 107508 | 3/8 | 1/2 | 12 | 29 | 30 |
| | 400 | 107509 | 3/8 | 3/4 | 12 | 32 | 36 |
| | 630 | 107510 | 1/2 | 3/8 | 14 | 22 | 27 |
| | 400 | 107511 | 1/2 | 3/4 | 14 | 32 | 36 |
| | | 107512 | 1/2 | 1 | 14 | 35 | 41 |
| | | 107513 | 1/2 | 1 1/4 | 14 | 39 | 55 |
| | | 107514 | 3/4 | 1/2 | 16 | 26 | 32 |
| | | 107515 | 3/4 | 1 | 16 | 35 | 41 |
| | | 107516 | 3/4 | 1 1/4 | 16 | 39 | 55 |
| | 315 | 107517 | 3/4 | 1 1/2 | 16 | 41 | 60 |
| | 400 | 107518 | 1 | 3/4 | 18 | 29 | 41 |
| | | 107519 | 1 | 1 1/4 | 18 | 39 | 55 |
| | 315 | 107520 | 1 | 1 1/2 | 18 | 41 | 60 |
| | 400 | 107521 | 1 1/4 | 1 | 20 | 31 | 50 |
| | 315 | 107522 | 1 1/4 | 1 1/2 | 20 | 40 | 60 |
| | | 107523 | 1 1/2 | 1 1/4 | 22 | 46 | 50 |

Note: If you wish to order a fitting in stainless steel, please change the first two digit from 10.. to 11..

CLOSURE PLUG WITH EXAGON SOCKET HEAD WITH ELASTOMER SEAL
Thread BSP Parallel

Type: 1076..

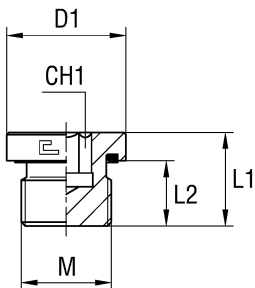


| Serie | Bar | Ordering Complete | G | D1 | L1 | L2 | CH1 |
|-------|-----|-------------------|-------|----|------|----|-----|
| S | 400 | 107601 | 1/8 | 14 | 12 | 8 | 5 |
| | | 107602 | 1/4 | 19 | 17 | 12 | 6 |
| | | 107603 | 3/8 | 22 | 17 | 12 | 8 |
| | | 107604 | 1/2 | 27 | 19 | 14 | 10 |
| | | 107605 | 3/4 | 32 | 21 | 16 | 12 |
| | | 107606 | 1 | 40 | 22,5 | 16 | 17 |
| | 250 | 107607 | 1 1/4 | 50 | 22,5 | 16 | 22 |
| | | 107608 | 1 1/2 | 55 | 22,5 | 16 | 24 |

Note: If you wish to order a fitting in stainless steel, please change the first two digit from 10.. to 11..

CLOSURE PLUG WITH EXAGON SOCKET HEAD WITH ELASTOMER SEAL
Thread Metric Parallel

Type: 1077....

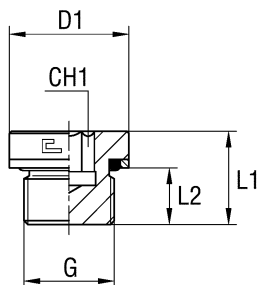


| Serie | Bar | Ordering Complete | M | D1 | L1 | L2 | CH1 |
|-------|-----|-------------------|--------|----|------|----|-----|
| S | 400 | 107701 | 10x1 | 14 | 12 | 8 | 5 |
| | | 107702 | 12x1,5 | 17 | 17 | 12 | 6 |
| | | 107703 | 14x1,5 | 19 | 17 | 12 | 6 |
| | | 107704 | 16x1,5 | 22 | 17 | 12 | 8 |
| | | 107705 | 18x1,5 | 24 | 17 | 12 | 8 |
| | | 107706 | 20x1,5 | 26 | 19 | 14 | 10 |
| | | 107707 | 22x1,5 | 27 | 19 | 14 | 10 |
| | | 107708 | 26x1,5 | 32 | 21 | 16 | 12 |
| | | 107709 | 27x2 | 32 | 21 | 16 | 12 |
| | | 107710 | 33x2 | 40 | 22,5 | 16 | 17 |
| | 250 | 107711 | 42x2 | 50 | 22,5 | 16 | 22 |
| | | 107712 | 48x2 | 55 | 22,5 | 16 | 24 |

Note: If you wish to order a fitting in stainless steel, please change the first two digit from 10.. to 11..

CLOSURE PLUG WITH EXAGON SOCKET HEAD WITH O-RING AND WASHER Thread BSP Parallel

Type: 1078..

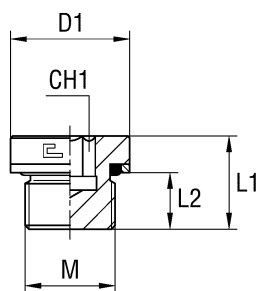


| Serie | Bar | Ordering Complete | G | D1 | L1 | L2 | CH1 |
|-------|-----|-------------------|-------|----|------|------|-----|
| S | 315 | 107801 | 1/8 | 14 | 12 | 6,7 | 5 |
| | | 107802 | 1/4 | 19 | 17 | 10,2 | 6 |
| | | 107803 | 3/8 | 22 | 17 | 10,2 | 8 |
| | | 107804 | 1/2 | 27 | 19 | 12,2 | 10 |
| | | 107805 | 3/4 | 32 | 21 | 14,2 | 12 |
| | 200 | 107806 | 1 | 41 | 22,5 | 15,4 | 17 |
| | | 107807 | 1 1/4 | 50 | 22,5 | 17,4 | 22 |
| | | 107808 | 1 1/2 | 60 | 22,5 | 19,4 | 24 |

Note: If you wish to order a fitting in stainless steel, please change the first two digit from 10.. to 11..
Articles available on request only

CLOSURE PLUG WITH EXAGON SOCKET HEAD WITH O-RING AND WASHER Thread Metric Parallel

Type: 1079..



| Serie | Bar | Ordering Complete | M | D1 | L1 | L2 | CH1 |
|-------|-----|-------------------|--------|----|------|------|-----|
| S | 315 | 107901 | 10x1 | 14 | 12 | 7,5 | 5 |
| | | 107902 | 12x1,5 | 17 | 17 | 9,6 | 6 |
| | | 107903 | 14x1,5 | 19 | 17 | 9,6 | 6 |
| | | 107904 | 16x1,5 | 22 | 17 | 11,1 | 8 |
| | | 107905 | 18x1,5 | 24 | 17 | 12,6 | 8 |
| | | 107906 | 20x1,5 | 26 | 19 | 12,6 | 10 |
| | | 107907 | 22x1,5 | 27 | 19 | 13,6 | 10 |
| | | 107908 | 27x2 | 32 | 21 | 16,5 | 12 |
| | 160 | 107909 | 33x2 | 40 | 22,5 | 16,5 | 17 |
| | | 107910 | 42x2 | 50 | 22,5 | 17 | 22 |
| | | 107911 | 48x2 | 55 | 22,5 | 19,5 | 24 |

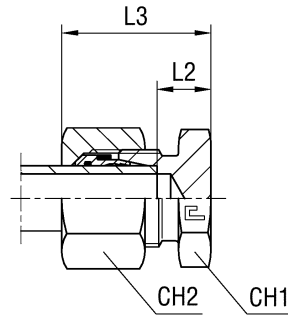
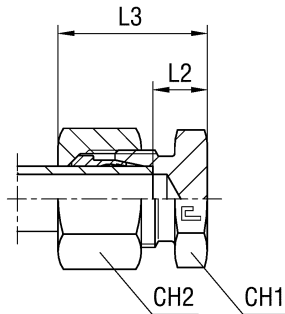
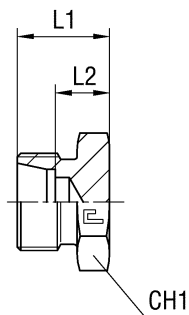
Note: If you wish to order a fitting in stainless steel, please change the first two digit from 10.. to 11..
Articles available on request only

BLANKING PLUG FOR TUBE ENDS

Type: 1080...1 Only Body

Type: 1080.. B3 Ring

Type: 1080...4 B4 Ring

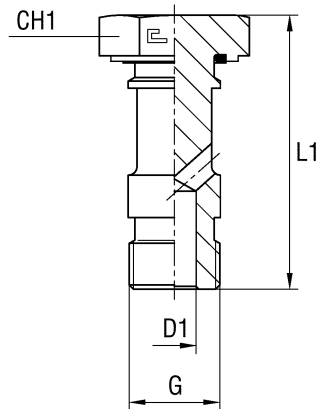


| Serie | Bar | Ordering Body | Ordering Equipped B3 | Ø Tube | L1 | L2 | L3 | CH1 | CH2 | Ordering Equipped B4 |
|-------|----------|---------------|----------------------|--------|------|------|------|-----|----------|----------------------|
| L | 315 | 108004.1 | 108004 | 6 | 14 | 7 | 21,5 | 12 | 14 | 108004.4 |
| | | 108005.1 | 108005 | 8 | 15 | 8 | 23 | 14 | 17 | 108005.4 |
| | | 108006.1 | 108006 | 10 | 16 | 9 | 24 | 17 | 19 | 108006.4 |
| | | 108007.1 | 108007 | 12 | 17 | 10 | 24,5 | 19 | 22 | 108007.4 |
| | | 108008.1 | 108008 | 15 | 18 | 11 | 26 | 24 | 27 | 108008.4 |
| | 108009.1 | 108009 | 18 | 19 | 11,5 | 28 | 27 | 32 | 108009.4 | |
| | 160 | 108010.1 | 108010 | 22 | 21 | 13,5 | 30 | 32 | 36 | 108010.4 |
| | | 108011.1 | 108011 | 28 | 22 | 14,5 | 31 | 41 | 41 | 108011.4 |
| | | 108012.1 | 108012 | 35 | 25 | 14,5 | 36 | 46 | 50 | 108012.4 |
| | | 108013.1 | 108013 | 42 | 27 | 16 | 39 | 55 | 60 | 108013.4 |
| S | 630 | 108014.1 | 108014 | 6 | 18 | 11 | 26 | 14 | 17 | 108014.4 |
| | | 108015.1 | 108015 | 8 | 20 | 13 | 28 | 17 | 19 | 108015.4 |
| | | 108016.1 | 108016 | 10 | 20 | 12,5 | 28,5 | 19 | 22 | 108016.4 |
| | | 108017.1 | 108017 | 12 | 22 | 14,5 | 30,5 | 22 | 24 | 108017.4 |
| | | 108018.1 | 108018 | 14 | 24 | 16 | 34 | 24 | 27 | 108018.4 |
| | 400 | 108019.1 | 108019 | 16 | 24 | 15,5 | 34 | 27 | 30 | 108019.4 |
| | | 108020.1 | 108020 | 20 | 28 | 17,5 | 39 | 32 | 36 | 108020.4 |
| | | 108021.1 | 108021 | 25 | 32 | 20 | 44 | 41 | 46 | 108021.4 |
| | | 108022.1 | 108022 | 30 | 34 | 20,5 | 47 | 46 | 50 | 108022.4 |
| | | 108023.1 | 108023 | 38 | 39 | 23 | 54 | 55 | 60 | 108023.4 |

Note: If you wish to order a fitting in stainless steel, please change the first two digit from 10.. to 11..

ALLOW SCREW FOR BANJOS Thread BSP Parallel

Type: 1081..

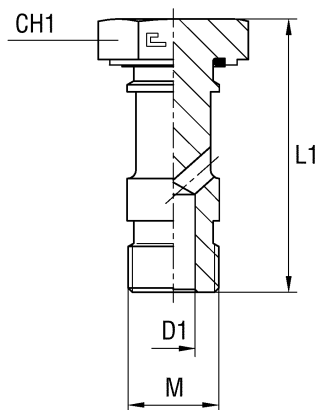


| Serie | Bar | Ordering Complete | G | D1 | L1 | CH1 |
|-------|-----|-------------------|-------|------|------|-----|
| L/S | - | 108101 | 1/8 | 4 | 32 | 17 |
| | | 108102 | 1/4 | 5 | 44 | 19 |
| | | 108103 | 3/8 | 8 | 50,5 | 24 |
| | | 108104 | 1/2 | 10 | 60,5 | 30 |
| | | 108105 | 3/4 | 14,5 | 70 | 36 |
| | | 108106 | 1 | 21 | 84,5 | 46 |
| | | 108107 | 1 1/4 | 26 | 100 | 55 |
| | | 108108 | 1 1/2 | 30 | 112 | 60 |

Note: If you wish to order a fitting in stainless steel, please change the first two digit from 10.. to 11..
Articles not included in ISO 8434-1 norm

ALLOW SCREW FOR BANJOS Thread Metric Parallel

Type: 1082..

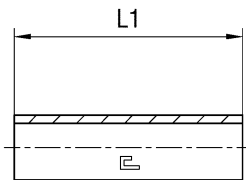


| Serie | Bar | Ordering Complete | M | D1 | L1 | CH1 |
|-------|-----|-------------------|--------|------|------|-----|
| L/S | - | 108201 | 8x1 | 3 | 32 | 14 |
| | | 108202 | 10x1 | 4 | 32 | 17 |
| | | 108203 | 12x1,5 | 4 | 44 | 19 |
| | | 108204 | 14x1,5 | 5 | 44 | 19 |
| | | 108205 | 16x1,5 | 8 | 50,5 | 24 |
| | | 108206 | 18x1,5 | 8 | 54 | 27 |
| | | 108207 | 20x1,5 | 10 | 59 | 30 |
| | | 108208 | 22x1,5 | 10 | 60,5 | 30 |
| | | 108209 | 26x1,5 | 14,5 | 70 | 36 |
| | | 108210 | 27x2 | 14,5 | 70 | 36 |
| | | 108211 | 33x2 | 21 | 84,5 | 46 |
| | | 108212 | 42x2 | 26 | 100 | 55 |
| | | 108213 | 48x2 | 30 | 112 | 60 |

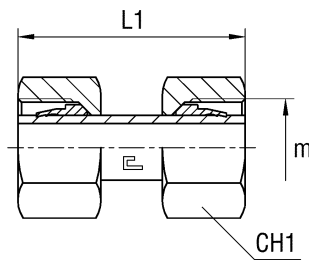
Note: If you wish to order a fitting in stainless steel, please change the first two digit from 10.. to 11..
Articles not included in ISO 8434-1 norm

FEMALE STRAIGHT COUPLING

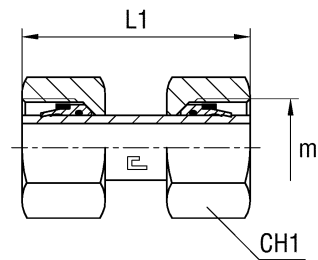
Type: 1083...1 Only Body



Type: 1083.. B3 Ring



Type: 1083...4 B4 Ring

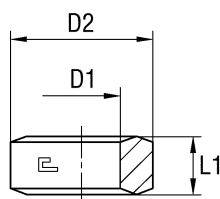


| Serie | Bar | Ordering Body | Ordering Equipped B3 | Ø Tube | m | L1 | CH1 | Ordering Equipped B4 |
|-------|----------|---------------|----------------------|--------|--------|--------|----------|----------------------|
| L | 315 | 108304.1 | 108304 | 6 | 12x1,5 | 40 | 14 | 108304.4 |
| | | 108305.1 | 108305 | 8 | 14x1,5 | 40 | 17 | 108305.4 |
| | | 108306.1 | 108306 | 10 | 16x1,5 | 42 | 19 | 108306.4 |
| | | 108307.1 | 108307 | 12 | 18x1,5 | 42 | 22 | 108307.4 |
| | | 108308.1 | 108308 | 15 | 22x1,5 | 42 | 27 | 108308.4 |
| | 108309.1 | 108309 | 18 | 26x1,5 | 45 | 32 | 108309.4 | |
| | 160 | 108310.1 | 108310 | 22 | 30x2 | 48 | 36 | 108310.4 |
| | | 108311.1 | 108311 | 28 | 36x2 | 50 | 41 | 108311.4 |
| | | 108312.1 | 108312 | 35 | 45x2 | 61 | 50 | 108312.4 |
| | | 108313.1 | 108313 | 42 | 52x2 | 61 | 60 | 108313.4 |
| S | | 630 | 108314.1 | 108314 | 6 | 14x1,5 | 40 | 17 |
| | 108315.1 | | 108315 | 8 | 16x1,5 | 40 | 19 | 108315.4 |
| | 108316.1 | | 108316 | 10 | 18x1,5 | 45 | 22 | 108316.4 |
| | 108317.1 | | 108317 | 12 | 20x1,5 | 45 | 24 | 108317.4 |
| | 108318.1 | | 108318 | 14 | 22x1,5 | 48 | 27 | 108318.4 |
| | 400 | 108319.1 | 108319 | 16 | 24x1,5 | 50 | 30 | 108319.4 |
| | | 108320.1 | 108320 | 20 | 30x2 | 58 | 36 | 108320.4 |
| | | 108321.1 | 108321 | 25 | 36x2 | 63 | 46 | 108321.4 |
| | | 108322.1 | 108322 | 30 | 42x2 | 70 | 50 | 108322.4 |
| | | 315 | 108323.1 | 108323 | 38 | 52x2 | 78 | 60 |

Note: If you wish to order a fitting in stainless steel, please change the first two digit from 10.. to 11..
 Articles not included in ISO 8434-1 norm

SEALING WASHER

Type: 1084..

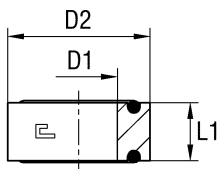


| Serie | Bar | Ordering Complete | D1 | D2 | L1 | Filetto Gas |
|-------|-----|-------------------|----|----|-----|-------------|
| L/S | - | 108401 | 6 | 11 | 4,5 | 1/4 |
| | | 108402 | 9 | 18 | 5 | 1/2 |

Note: If you wish to order a fitting in stainless steel, please change the first two digit from 10.. to 11..
 Articles not included in ISO 8434-1 norm

O-RING SEALING WASHER

Type: 1085..

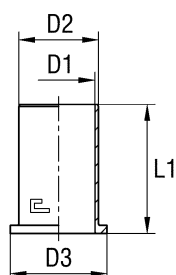


| Serie | Bar | Ordering Complete | D1 | D2 | L1 | BSP Thread |
|-------|-----|-------------------|----|----|-----|------------|
| L/S | - | 108501 | 6 | 11 | 4,5 | 1/4 |
| | | 108502 | 9 | 18 | 5 | 1/2 |

Note: If you wish to order a fitting in stainless steel, please change the first two digit from 10.. to 11..
Articles not included in ISO 8434-1 norm

PIPE INSERT

Type: 1086..

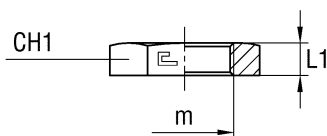


| Serie | Bar | Ordering Complete | Ø Tube | D1 | D2 | D3 | L1 |
|-------|-----|-------------------|--------|----|------|----|------|
| L/S | - | 108601 | 6 | 3 | 3,9 | 6 | 11 |
| | | 108602 | 8 | 5 | 5,9 | 8 | 14 |
| | | 108603 | 10 | 7 | 7,9 | 10 | 15 |
| | | 108604 | 12 | 9 | 9,9 | 12 | 16 |
| | | 108605 | 15 | 12 | 12,9 | 15 | 17 |
| | | 108606 | 18 | 14 | 14,9 | 18 | 20 |
| | | 108607 | 20 | 15 | 15,9 | 20 | 20 |
| | | 108608 | 22 | 16 | 17,9 | 22 | 20 |
| | | 108609 | 28 | 22 | 23,9 | 28 | 23,5 |
| | | 108610 | 30 | 24 | 25,9 | 30 | 23,5 |
| | | 108611 | 35 | 28 | 30,9 | 35 | 26,5 |

Note: If you wish to order a fitting in stainless steel, please change the first two digit from 10.. to 11..
Articles not included in ISO 8434-1 norm

EXAGONAL NUT

Type: 1087..



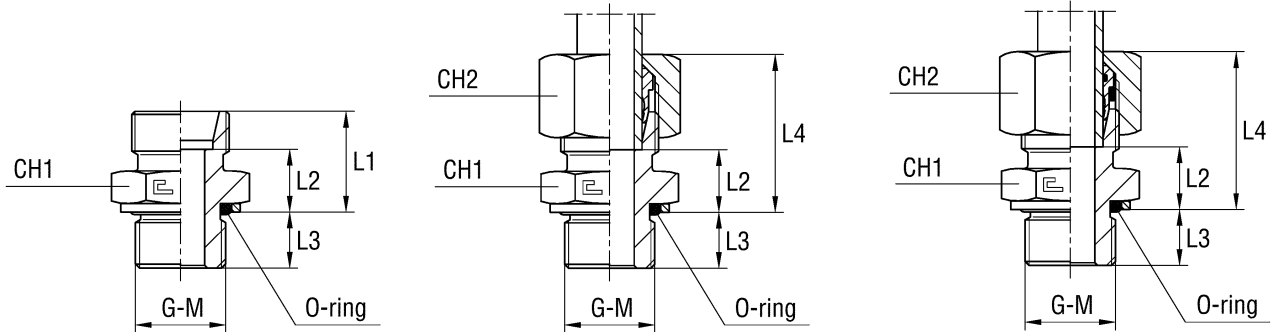
| Serie | Bar | Ordering Complete | m | L1 | CH1 | Ø Tube | Ø Tube |
|-------|-----|-------------------|--------|----|-----|--------|--------|
| L/S | - | 108704 | 12x1,5 | 6 | 17 | 6L | |
| | | 108705 | 14x1,5 | 6 | 19 | 8L | 6S |
| | | 108706 | 16x1,5 | 6 | 22 | 10L | 8S |
| | | 108707 | 18x1,5 | 6 | 24 | 12L | 10S |
| | | 108708 | 20x1,5 | 6 | 27 | | 12S |
| | | 108709 | 22x1,5 | 7 | 30 | 15L | 14S |
| | | 108710 | 24x1,5 | 7 | 32 | | 16S |
| | | 108711 | 26x1,5 | 8 | 36 | 18L | |
| | | 108712 | 30x2 | 8 | 41 | 22L | 20S |
| | | 108713 | 36x2 | 9 | 46 | 28L | 25S |
| | | 108714 | 42x2 | 9 | 50 | | 30S |
| | | 108715 | 45x2 | 9 | 55 | 35L | |
| | | 108716 | 52x2 | 10 | 65 | 42L | 38S |

Note: If you wish to order a fitting in stainless steel, please change the first two digit from 10.. to 11..

MALE STUD COUPLING WITH O-RING AND WASHER
Thread BSP Parallel - Thread Metric Parallel

 Type: **1088...1** Only Body
 Type: **1089...1** Only Body

 Type: **1088... B3 Ring**
 Type: **1089... B3 Ring**

 Type: **1088...4 B4 Ring**
 Type: **1089...4 B4 Ring**


| Serie | Bar | Ordering Body | Ordering Equipped B3 | Ø Tube | G | L1 | L2 | L3 | L4 | CH1 | CH2 | Ordering Equipped B4 |
|-------|-----|---------------|----------------------|--------|-------|------|------|------|------|-----|-----|----------------------|
| LL | 100 | 108801.1 | 108801 | 4 | 1/8 | 13,3 | 9,3 | 6,7 | 19,8 | 14 | 10 | - |
| | | 108802.1 | 108802 | 6 | 1/8 | 13,3 | 7,8 | 6,7 | 19,8 | 14 | 12 | - |
| | | 108803.1 | 108803 | 8 | 1/8 | 14,3 | 8,8 | 6,7 | 20,8 | 14 | 14 | - |
| L | 315 | 108804.1 | 108804 | 6 | 1/8 | 15,3 | 8,3 | 6,7 | 22,8 | 14 | 14 | 108804.4 |
| | | 108805.1 | 108805 | 8 | 1/4 | 16,8 | 9,8 | 10,2 | 24,8 | 19 | 17 | 108805.4 |
| | | 108806.1 | 108806 | 10 | 1/4 | 17,8 | 10,8 | 10,2 | 25,8 | 19 | 19 | 108806.4 |
| | | 108807.1 | 108807 | 12 | 3/8 | 19,3 | 12,3 | 10,2 | 26,8 | 22 | 22 | 108807.4 |
| | | 108808.1 | 108808 | 15 | 1/2 | 20,8 | 13,8 | 12,2 | 28,8 | 27 | 27 | 108808.4 |
| | | 108809.1 | 108809 | 18 | 1/2 | 21,8 | 14,3 | 12,2 | 30,8 | 27 | 32 | 108809.4 |
| | 160 | 108810.1 | 108810 | 22 | 3/4 | 23,8 | 16,3 | 14,2 | 32,8 | 36 | 36 | 108810.4 |
| | | 108811.1 | 108811 | 28 | 1 | 25,1 | 17,6 | 15,4 | 34,1 | 41 | 41 | 108811.4 |
| | | 108812.1 | 108812 | 35 | 1 1/4 | 28,1 | 17,6 | 17,4 | 39,1 | 50 | 50 | 108812.4 |
| | | 108813.1 | 108813 | 42 | 1 1/2 | 30,1 | 19,1 | 19,4 | 42,1 | 55 | 60 | 108813.4 |
| S | 400 | 108814.1 | 108814 | 6 | 1/4 | 19,8 | 12,8 | 10,2 | 27,8 | 19 | 17 | 108814.4 |
| | | 108815.1 | 108815 | 8 | 1/4 | 21,8 | 14,8 | 10,2 | 29,8 | 19 | 19 | 108815.4 |
| | 315 | 108816.1 | 108816 | 10 | 3/8 | 22,3 | 14,8 | 10,2 | 30,8 | 22 | 22 | 108816.4 |
| | | 108817.1 | 108817 | 12 | 3/8 | 24,3 | 16,8 | 10,2 | 32,8 | 22 | 24 | 108817.4 |
| | | 108818.1 | 108818 | 14 | 1/2 | 26,8 | 18,8 | 12,2 | 36,8 | 27 | 27 | 108818.4 |
| | | 108819.1 | 108819 | 16 | 1/2 | 26,8 | 18,3 | 12,2 | 36,8 | 27 | 30 | 108819.4 |
| | | 108820.1 | 108820 | 20 | 3/4 | 30,8 | 20,3 | 14,2 | 41,8 | 36 | 36 | 108820.4 |
| | 280 | 108821.1 | 108821 | 25 | 1 | 35,1 | 23,1 | 15,4 | 47,1 | 41 | 46 | 108821.4 |
| | | 108822.1 | 108822 | 30 | 1 1/4 | 37,1 | 23,6 | 17,4 | 50,1 | 50 | 50 | 108822.4 |
| | 250 | 108823.1 | 108823 | 38 | 1 1/2 | 42,1 | 26,1 | 19,4 | 57,1 | 55 | 60 | 108823.4 |

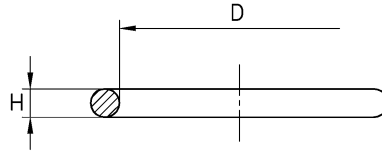
Note: If you wish to order a fitting in stainless steel, please change the first two digit from **10..** to **11..**.
 Articles available on request only

| Serie | Bar | Ordering Body | Ordering Equipped B3 | Ø Tube | M | L1 | L2 | L3 | L4 | CH1 | CH2 | Ordering Equipped B4 |
|-------|-----|---------------|----------------------|--------|--------|------|------|------|------|-----|-----|----------------------|
| LL | 100 | 108901.1 | 108901 | 4 | 10x1 | 13,5 | 9,5 | 7,5 | 20 | 14 | 10 | - |
| | | 108902.1 | 108902 | 6 | 10x1 | 13,5 | 8 | 7,5 | 20 | 14 | 12 | - |
| | | 108903.1 | 108903 | 8 | 10x1 | 14,5 | 9 | 7,5 | 21 | 14 | 14 | - |
| L | 315 | 108904.1 | 108904 | 6 | 10x1 | 15,5 | 8,5 | 7,5 | 23 | 14 | 14 | 108904.4 |
| | | 108905.1 | 108905 | 8 | 12x1,5 | 16,9 | 9,9 | 9,6 | 24,9 | 17 | 17 | 108905.4 |
| | | 108906.1 | 108906 | 10 | 14x1,5 | 17,9 | 10,9 | 9,6 | 25,9 | 19 | 19 | 108906.4 |
| | | 108907.1 | 108907 | 12 | 16x1,5 | 19,4 | 12,4 | 11,1 | 26,9 | 22 | 22 | 108907.4 |
| | | 108908.1 | 108908 | 15 | 18x1,5 | 20,4 | 13,4 | 12,6 | 28,3 | 24 | 27 | 108908.4 |
| | | 108909.1 | 108909 | 18 | 22x1,5 | 21,9 | 14,4 | 13,6 | 30,3 | 27 | 32 | 108909.4 |
| | 160 | 108910.1 | 108910 | 22 | 27x2 | 24 | 16,5 | 16,5 | 33 | 32 | 36 | 108910.4 |
| | | 108911.1 | 108911 | 28 | 33x2 | 25 | 17,5 | 16,5 | 34 | 41 | 41 | 108911.4 |
| | | 108912.1 | 108912 | 35 | 42x2 | 28 | 17,5 | 17 | 39 | 50 | 50 | 108912.4 |
| | | 108913.1 | 108913 | 42 | 48x2 | 30 | 19 | 19,5 | 42 | 55 | 60 | 108913.4 |
| S | 400 | 108914.1 | 108914 | 6 | 12x1,5 | 19,9 | 12,9 | 9,6 | 27,9 | 17 | 17 | 108914.4 |
| | | 108915.1 | 108915 | 8 | 14x1,5 | 21,9 | 14,9 | 9,6 | 29,9 | 19 | 19 | 108915.4 |
| | | 108916.1 | 108916 | 10 | 16x1,5 | 22,4 | 14,9 | 11,1 | 30,9 | 22 | 22 | 108916.4 |
| | | 108917.1 | 108917 | 12 | 18x1,5 | 24,4 | 16,9 | 12,6 | 32,9 | 24 | 24 | 108917.4 |
| | 315 | 108918.1 | 108918 | 14 | 20x1,5 | 26,9 | 18,9 | 12,6 | 36,9 | 27 | 27 | 108918.4 |
| | | 108919.1 | 108919 | 16 | 22x1,5 | 26,9 | 18,4 | 13,6 | 36,9 | 27 | 30 | 108919.4 |
| | | 108920.1 | 108920 | 20 | 27x2 | 31 | 20,5 | 16,5 | 42 | 32 | 36 | 108920.4 |
| | 280 | 108921.1 | 108921 | 25 | 33x2 | 35 | 23 | 16,5 | 47 | 41 | 46 | 108921.4 |
| | | 108922.1 | 108922 | 30 | 42x2 | 37 | 23,5 | 17 | 50 | 50 | 50 | 108922.4 |
| | 250 | 108923.1 | 108923 | 38 | 48x2 | 42 | 26 | 19,5 | 57 | 55 | 60 | 108923.4 |

Note: If you wish to order a fitting in stainless steel, please change the first two digit from **10..** to **11..**.
 Articles available on request only

O-RING

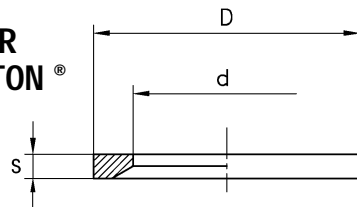
Type: **0301.. NBR**
 Type: **0301.. VITON®**



| Ordering NBR | Ordering VITON® | D | H | Ordering NBR | Ordering VITON® | D | H | Ordering NBR | Ordering VITON® | D | H |
|--------------|-----------------|-------|------|--------------|-----------------|-------|------|--------------|-----------------|-------|------|
| 030101 | 030201 | 4 | 1 | 030124 | 030224 | 15 | 2 | 030147 | 030247 | 30 | 1 |
| 030102 | 030202 | 4 | 1,5 | 030125 | 030225 | 15,3 | 2,2 | 030148 | 030248 | 32 | 2,5 |
| 030103 | 030203 | 6 | 1 | 030126 | 030226 | 16 | 1 | 030149 | 030249 | 33,3 | 2,4 |
| 030104 | 030204 | 6 | 1,5 | 030127 | 030227 | 16,3 | 2,4 | 030150 | 030250 | 35 | 1 |
| 030105 | 030205 | 7,5 | 1,5 | 030128 | 030228 | 16,36 | 2,2 | 030151 | 030251 | 37,46 | 3 |
| 030106 | 030206 | 7,97 | 1,88 | 030129 | 030229 | 17,86 | 2,62 | 030152 | 030252 | 37,69 | 3,53 |
| 030107 | 030207 | 8 | 1 | 030130 | 030230 | 18 | 1 | 030153 | 030253 | 38 | 1 |
| 030108 | 030208 | 8,1 | 1,6 | 030131 | 030231 | 19,18 | 2,46 | 030154 | 030254 | 38 | 2,5 |
| 030109 | 030209 | 8,92 | 1,83 | 030132 | 030232 | 19,3 | 2,2 | 030155 | 030255 | 38,6 | 2,9 |
| 030110 | 030210 | 9 | 1,5 | 030133 | 030233 | 20 | 1 | 030156 | 030256 | 42 | 1 |
| 030111 | 030211 | 9,3 | 2,2 | 030134 | 030234 | 20 | 2 | 030157 | 030257 | 43,69 | 3 |
| 030112 | 030212 | 10 | 1 | 030135 | 030235 | 20,3 | 2,4 | 030158 | 030258 | 44,04 | 3,53 |
| 030113 | 030213 | 10 | 2 | 030136 | 030236 | 22 | 1 | 030159 | 030259 | 44,6 | 2,9 |
| 030114 | 030214 | 10,52 | 1,93 | 030137 | 030237 | 23,47 | 2,62 | 030160 | 030260 | 55,56 | 3,53 |
| 030115 | 030215 | 10,77 | 2,62 | 030138 | 030238 | 23,47 | 2,95 | 030161 | 030261 | 60 | 2,62 |
| 030116 | 030216 | 11,3 | 2,2 | 030139 | 030239 | 23,6 | 2,9 | 030162 | 030262 | 4 | 0,5 |
| 030117 | 030217 | 11,9 | 1,98 | 030140 | 030240 | 25 | 1 | 030163 | 030263 | 5,5 | 0,5 |
| 030118 | 030218 | 12 | 1 | 030141 | 030241 | 25,3 | 2,4 | 030164 | 030264 | 7 | 0,5 |
| 030119 | 030219 | 12 | 2 | 030142 | 030242 | 26 | 2 | 030165 | 030265 | 10 | 0,5 |
| 030120 | 030220 | 13,3 | 2,2 | 030143 | 030243 | 28 | 1 | 030166 | 030266 | 13 | 0,5 |
| 030121 | 030221 | 13,94 | 2,62 | 030144 | 030244 | 29,6 | 2,9 | 030167 | 030267 | 16 | 0,5 |
| 030122 | 030222 | 14 | 1 | 030145 | 030245 | 29,74 | 2,95 | 030168 | 030268 | 48 | 1 |
| 030123 | 030223 | 15 | 1 | 030146 | 030246 | 29,74 | 3,53 | 030169 | 030269 | 17,3 | 2,2 |

ELASTOMER SEAL

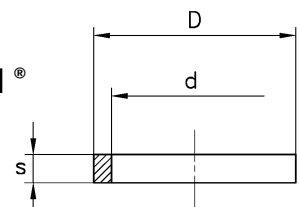
Type: **0303.. NBR**
 Type: **0304.. VITON®**



| Ordering NBR | Ordering VITON® | M | G | D | d | s |
|--------------|-----------------|----------------|-------|------|------|-----|
| 030301 | 030401 | 8x1 | - | 9,9 | 6,5 | 1 |
| 030302 | 030402 | 10x1 | 1/8 | 11,4 | 8,4 | 1 |
| 030303 | 030403 | 12x1,5 | | 14,9 | 9,8 | 1,5 |
| 030304 | 030404 | 14x1,5 | 1/4 | 16,5 | 11,6 | 1,5 |
| 030305 | 030405 | 16x1,5 | - | 18,9 | 13,8 | 1,5 |
| 030306 | 030406 | - | 3/8 | 18,9 | 14,7 | 1,5 |
| 030307 | 030407 | 18x1,5 | - | 20,9 | 15,7 | 1,5 |
| 030308 | 030408 | 20x1,5 | - | 22,9 | 17,8 | 1,5 |
| 030309 | 030409 | - | 1/2 | 23,9 | 18,5 | 1,5 |
| 030310 | 030410 | 22x1,5 | - | 24,3 | 19,6 | 1,5 |
| 030311 | 030411 | 26x1,5 27x2 | 3/4 | 29,2 | 23,9 | 1,5 |
| 030312 | 030412 | 33x2 | 1 | 35,7 | 29,7 | 2 |
| 030313 | 030413 | 42x2 | 1 1/4 | 45,8 | 38,8 | 2 |
| 030314 | 030414 | 48x2 | 1 1/2 | 50,7 | 44,7 | 2 |
| 030315 | 030415 | - | 2 | 63,5 | 56,5 | 2 |

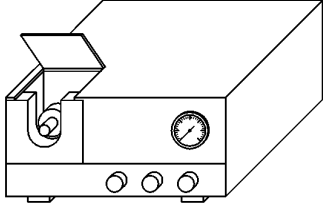
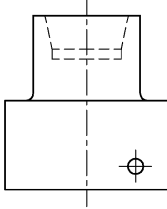
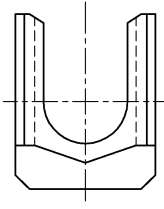
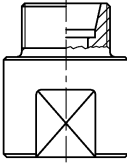
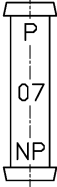
ELASTOMER SEAL

Type: **0305.. NBR**
 Type: **0306.. VITON®**



| Ordering NBR | Ordering VITON® | Tube | D | d | s |
|--------------|-----------------|------|------|------|-----|
| 030501 | 030601 | 6L | 9 | 7,3 | 3,5 |
| 030502 | 030602 | 6S | 11 | 7,3 | 3,5 |
| 030503 | 030603 | 8L | 11 | 9,3 | 3,5 |
| 030504 | 030604 | 8S | 13 | 9,3 | 3,5 |
| 030505 | 030605 | 10L | 12 | 10,5 | 4 |
| 030506 | 030606 | 10S | 14 | 10,5 | 4 |
| 030507 | 030607 | 12L | 13,7 | 12 | 4 |
| 030508 | 030608 | 12S | 16 | 12 | 4 |
| 030509 | 030609 | 14S | 18,5 | 15 | 3 |
| 030510 | 030610 | 15L | 17,5 | 15 | 3 |
| 030511 | 030611 | 16S | 19,5 | 16 | 3,5 |
| 030512 | 030612 | 18L | 21,5 | 18 | 3,5 |
| 030513 | 030613 | 20S | 25 | 20,6 | 3,5 |
| 030514 | 030614 | 22L | 25 | 22 | 3,5 |
| 030515 | 030615 | 25S | 30,5 | 25,1 | 4 |
| 030516 | 030616 | 28S | 30,5 | 27,5 | 4 |
| 030517 | 030617 | 30S | 36,5 | 30,2 | 3,5 |
| 030518 | 030618 | 35L | 39,5 | 35,2 | 4 |
| 030519 | 030619 | 38S | 46,5 | 38,2 | 3,5 |
| 030520 | 030620 | 42L | 46,5 | 42,2 | 3,5 |

ASSEMBLY TOOLS DIN 2353 (ISO 8434-1)

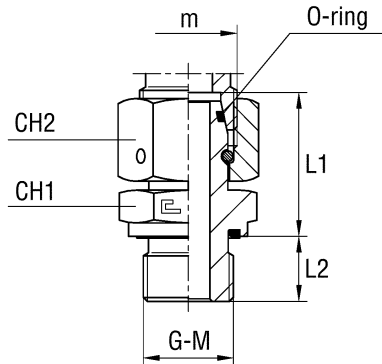
| PREASSEMBLY MACHINE | | MACHINE MANDREL | MACHINE PLATFORM | MANUAL PREASSEMBLY TOOL | 24° CHECK TOOL | |
|---|-----|---|---|---|---|-------------------------|
|  | |  |  |  |  | |
| Serie | Bar | Ordering Machine | Ordering Mandrel | Ordering Platform | Ordering Preassembly tool | Ordering 24° check tool |
| L | 6 | 100000 | 100001 | 100021-83 M | 100061 | 204 |
| | 8 | | 100002 | 100022-83 M | 100062 | 205 |
| | 10 | | 100003 | 100023-83 M | 100063 | 206 |
| | 12 | | 100004 | 100024-83 M | 100064 | 207 |
| | 15 | | 100005 | 100025-83 M | 100065 | 208 |
| | 18 | | 100006 | 100026-83 M | 100066 | 209 |
| | 22 | | 100007 | 100027-83 M | 100067 | 210 |
| | 28 | | 100008 | 100028-83 M | 100068 | 211 |
| | 35 | | 100009 | 100029-83 M | 100069 | 212 |
| | 42 | | 100010 | 100030-83 M | 100070 | 213 |
| S | 6 | 100000 | 100011 | 100031-83 M | 100071 | 204 |
| | 8 | | 100012 | 100032-83 M | 100072 | 205 |
| | 10 | | 100013 | 100033-83 M | 100073 | 206 |
| | 12 | | 100014 | 100034-83 M | 100074 | 207 |
| | 14 | | 100015 | 100035-83 M | 100075 | 214 |
| | 16 | | 100016 | 100036-83 M | 100076 | 215 |
| | 20 | | 100017 | 100037-83 M | 100077 | 216 |
| | 25 | | 100018 | 100038-83 M | 100078 | 217 |
| | 30 | | 100019 | 100039-83 M | 100079 | 218 |
| | 38 | | 100020 | 100040-83 M | 100080 | 219 |

MALE STUD COUPLING WITH SWIVEL NUT AND ELASTOMER SEAL

Thread BSP Parallel - Thread Metric Parallel

Type: 6005..

Type: 6006..



| Serie | Bar | Ordering Complete | Ø Tube | m | G | L1 | L2 | CH1 | CH2 |
|-------|-----|-------------------|--------|--------|-------|-------|----|-----|-----|
| L | 315 | 600504 | 6 | 12x1,5 | 1/8 | 24,5 | 8 | 14 | 14 |
| | | 600505 | 8 | 14x1,5 | 1/4 | 29,5 | 12 | 19 | 17 |
| | | 600506 | 10 | 16x1,5 | 1/4 | 27,5 | 12 | 19 | 19 |
| | | 600507 | 12 | 18x1,5 | 3/8 | 34 | 12 | 22 | 22 |
| | | 600508 | 15 | 22x1,5 | 1/2 | 32 | 14 | 27 | 27 |
| | | 600509 | 18 | 26x1,5 | 1/2 | 31,5 | 14 | 27 | 32 |
| | 160 | 600510 | 22 | 30x2 | 3/4 | 32,5 | 16 | 32 | 36 |
| | | 600511 | 28 | 36x2 | 1 | 35 | 18 | 41 | 41 |
| | | 600512 | 35 | 45x2 | 1 1/4 | 42,5 | 20 | 50 | 50 |
| | | 600513 | 42 | 52x2 | 1 1/2 | 46,5 | 22 | 55 | 60 |
| S | 630 | 600514 | 6 | 14x1,5 | 1/4 | 27 | 12 | 19 | 17 |
| | | 600515 | 8 | 16x1,5 | 1/4 | 29,5 | 12 | 19 | 19 |
| | | 600516 | 10 | 18x1,5 | 3/8 | 32 | 12 | 22 | 22 |
| | | 600517 | 12 | 20x1,5 | 3/8 | 34 | 12 | 22 | 24 |
| | | 600518 | 14 | 22x1,5 | 1/2 | 36,5 | 14 | 27 | 27 |
| | 400 | 600519 | 16 | 24x1,5 | 1/2 | 37 | 14 | 27 | 30 |
| | | 600520 | 20 | 30x2 | 3/4 | 43 | 16 | 32 | 36 |
| | | 600521 | 25 | 36x2 | 1 | 48 | 18 | 41 | 46 |
| | | 600522 | 30 | 42x2 | 1 1/4 | 51 | 20 | 50 | 50 |
| | | 315 | 600523 | 38 | 52x2 | 1 1/2 | 60 | 22 | 55 |

Note: If you wish to order a fitting in stainless steel, please change the first two digit from **60..** to **61..**

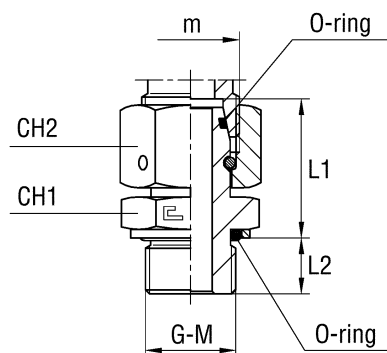
| Serie | Bar | Ordering Completo | Ø Tubo | m | M | L1 | L2 | CH1 | CH2 |
|-------|-----|-------------------|--------|--------|--------|------|----|-----|-----|
| L | 315 | 600604 | 6 | 12x1,5 | 10x1 | 24,5 | 8 | 14 | 14 |
| | | 600605 | 8 | 14x1,5 | 12x1,5 | 26,5 | 12 | 17 | 17 |
| | | 600606 | 10 | 16x1,5 | 14x1,5 | 27,5 | 12 | 19 | 19 |
| | | 600607 | 12 | 18x1,5 | 16x1,5 | 30,5 | 12 | 22 | 22 |
| | | 600608 | 15 | 22x1,5 | 18x1,5 | 31,5 | 12 | 24 | 27 |
| | | 600609 | 18 | 26x1,5 | 22x1,5 | 31,5 | 14 | 27 | 32 |
| | 160 | 600610 | 22 | 30x2 | 26x1,5 | 32,5 | 16 | 32 | 36 |
| | | 600611 | 28 | 36x2 | 33x2 | 35 | 18 | 41 | 41 |
| | | 600612 | 35 | 45x2 | 42x2 | 42,5 | 20 | 50 | 50 |
| | | 600613 | 42 | 52x2 | 48x2 | 46,5 | 22 | 55 | 60 |
| S | 630 | 600614 | 6 | 14x1,5 | 12x1,5 | 27 | 12 | 17 | 17 |
| | | 600615 | 8 | 16x1,5 | 14x1,5 | 29,5 | 12 | 19 | 19 |
| | | 600616 | 10 | 18x1,5 | 16x1,5 | 32 | 12 | 22 | 22 |
| | | 600617 | 12 | 20x1,5 | 18x1,5 | 34 | 12 | 24 | 24 |
| | | 600618 | 14 | 22x1,5 | 20x1,5 | 36,5 | 14 | 27 | 27 |
| | 400 | 600619 | 16 | 24x1,5 | 22x1,5 | 37 | 14 | 27 | 30 |
| | | 600620 | 20 | 30x2 | 27x2 | 43 | 16 | 32 | 36 |
| | | 600621 | 25 | 36x2 | 33x2 | 48 | 18 | 41 | 46 |
| | | 600622 | 30 | 42x2 | 42x2 | 51 | 20 | 50 | 50 |
| | | 315 | 600623 | 38 | 52x2 | 48x2 | 60 | 22 | 55 |

Note: If you wish to order a fitting in stainless steel, please change the first two digit from **60..** to **61..**

MALE STUD COUPLING WITH SWIVEL NUT O-RING AND WASHER

Thread BSP Parallel - Thread Metric Parallel

Tipo: 6007..
 Tipo: 6008..



| Serie | Bar | Ordering Complete | Ø Tube | m | G | L1 | L2 | CH1 | CH2 |
|-------|-----|-------------------|--------|--------|-------|------|------|-----|-----|
| L | 315 | 600704 | 6 | 12x1,5 | 1/8 | 25,8 | 6,7 | 14 | 14 |
| | | 600705 | 8 | 14x1,5 | 1/4 | 31,3 | 10,2 | 19 | 17 |
| | | 600706 | 10 | 16x1,5 | 1/4 | 29,3 | 10,2 | 19 | 19 |
| | | 600707 | 12 | 18x1,5 | 3/8 | 32,2 | 10,2 | 22 | 22 |
| | | 600708 | 15 | 22x1,5 | 1/2 | 30,2 | 12,2 | 27 | 27 |
| | | 600709 | 18 | 26x1,5 | 1/2 | 33,3 | 12,2 | 27 | 32 |
| | 160 | 600710 | 22 | 30x2 | 3/4 | 34,3 | 14,2 | 36 | 36 |
| | | 600711 | 28 | 36x2 | 1 | 37,6 | 15,4 | 41 | 41 |
| | | 600712 | 35 | 45x2 | 1 1/4 | 45,1 | 17,4 | 50 | 50 |
| | | 600713 | 42 | 52x2 | 1 1/2 | 49,1 | 19,4 | 55 | 60 |
| S | 400 | 600714 | 6 | 14x1,5 | 1/4 | 28,8 | 10,2 | 19 | 17 |
| | | 600715 | 8 | 16x1,5 | 1/4 | 31,3 | 10,2 | 19 | 19 |
| | 315 | 600716 | 10 | 18x1,5 | 3/8 | 33,8 | 10,2 | 22 | 22 |
| | | 600717 | 12 | 20x1,5 | 3/8 | 35,8 | 10,2 | 22 | 24 |
| | | 600718 | 14 | 22x1,5 | 1/2 | 38,3 | 12,2 | 27 | 27 |
| | | 600719 | 16 | 24x1,5 | 1/2 | 38,8 | 12,2 | 27 | 30 |
| | | 600720 | 20 | 30x2 | 3/4 | 44,8 | 14,2 | 36 | 36 |
| | 280 | 600721 | 25 | 36x2 | 1 | 50,6 | 15,4 | 41 | 46 |
| | | 600722 | 30 | 42x2 | 1 1/4 | 53,6 | 17,4 | 50 | 50 |
| | 250 | 600723 | 38 | 52x2 | 1 1/2 | 62,6 | 19,4 | 55 | 60 |

Note: If you wish to order a fitting in stainless steel, please change the first two digit from 60.. to 61..

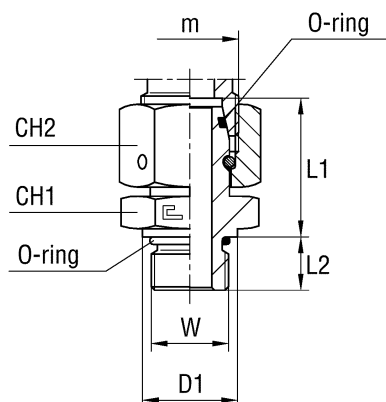
| Serie | Bar | Ordering Completo | Ø Tube | m | M | L1 | L2 | CH1 | CH2 |
|-------|-----|-------------------|--------|--------|--------|------|------|-----|-----|
| L | 315 | 600804 | 6 | 12x1,5 | 10x1 | 25 | 7,5 | 14 | 14 |
| | | 600805 | 8 | 14x1,5 | 12x1,5 | 28,9 | 9,6 | 17 | 17 |
| | | 600806 | 10 | 16x1,5 | 14x1,5 | 29,9 | 9,6 | 19 | 19 |
| | | 600807 | 12 | 18x1,5 | 16x1,5 | 31,4 | 11,1 | 22 | 22 |
| | | 600808 | 15 | 22x1,5 | 18x1,5 | 30,9 | 12,6 | 24 | 27 |
| | | 600809 | 18 | 26x1,5 | 22x1,5 | 31,9 | 13,6 | 27 | 32 |
| | 160 | 600810 | 22 | 30x2 | 27x2 | 32 | 16,5 | 32 | 36 |
| | | 600811 | 28 | 36x2 | 33x2 | 36,5 | 16,5 | 41 | 41 |
| | | 600812 | 35 | 45x2 | 42x2 | 45,5 | 17 | 50 | 50 |
| | | 600813 | 42 | 52x2 | 48x2 | 48 | 19,5 | 55 | 60 |
| S | 400 | 600814 | 6 | 14x1,5 | 12x1,5 | 28,4 | 9,6 | 17 | 17 |
| | | 600815 | 8 | 16x1,5 | 14x1,5 | 30,9 | 9,6 | 19 | 19 |
| | | 600816 | 10 | 18x1,5 | 16x1,5 | 32,9 | 11,1 | 22 | 22 |
| | | 600817 | 12 | 20x1,5 | 18x1,5 | 33,4 | 12,6 | 24 | 24 |
| | 315 | 600818 | 14 | 22x1,5 | 20x1,5 | 35,1 | 12,6 | 27 | 27 |
| | | 600819 | 16 | 24x1,5 | 22x1,5 | 36,6 | 13,6 | 27 | 30 |
| | | 600820 | 20 | 30x2 | 27x2 | 42,5 | 16,5 | 32 | 36 |
| | 280 | 600821 | 25 | 36x2 | 33x2 | 46,5 | 16,5 | 41 | 46 |
| | | 600822 | 30 | 42x2 | 42x2 | 52 | 17 | 50 | 50 |
| | 250 | 600823 | 38 | 52x2 | 48x2 | 62,5 | 19,5 | 55 | 60 |

Note: If you wish to order a fitting in stainless steel, please change the first two digit from 60.. to 61...
 Articles available on request only

MALE STUD COUPLING WITH SWIVEL NUT AND O-RING

Thread UNF/UN-2A

Type: 6009..

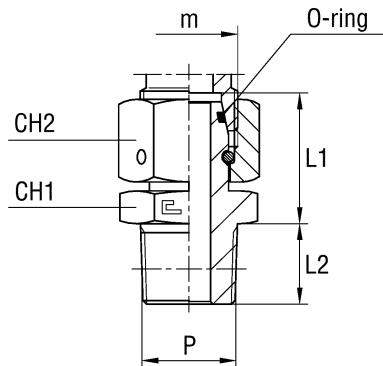


| Serie | Bar | Ordering Complete | Ø Tube | m | W | D1 | L1 | L2 | CH1 | CH2 | | |
|--------|--------|-------------------|--------|-----------|-----------|--------|---------|------|------|-----|----|----|
| L | 315 | 600904 | 6 | 12x1,5 | 7/16-20 | 13,8 | 23,4 | 8 | 14 | 14 | | |
| | | 600905 | 8 | 14x1,5 | 7/16-20 | 13,8 | 32,4 | 12 | 14 | 17 | | |
| | | 600906 | 10 | 16x1,5 | 9/16-18 | 18,8 | 29,5 | 12 | 17 | 19 | | |
| | | 600907 | 12 | 18x1,5 | 3/4-16 | 21,8 | 34,9 | 12 | 22 | 22 | | |
| | | 600908 | 15 | 22x1,5 | 7/8-14 | 26,8 | 33,3 | 14 | 27 | 27 | | |
| | | 600909 | 18 | 26x1,5 | 7/8-14 | 26,8 | 32,8 | 14 | 27 | 32 | | |
| | 160 | 600910 | 22 | 30x2 | 1 1/16-12 | 31,8 | 33,4 | 16 | 32 | 36 | | |
| | | 600911 | 28 | 36x2 | 1 5/16-12 | 40,8 | 37,9 | 18 | 41 | 41 | | |
| | | 600912 | 35 | 45x2 | 1 5/8-12 | 49,8 | 47,4 | 20 | 50 | 50 | | |
| | | 600913 | 42 | 52x2 | 1 7/8-12 | 54,8 | 53,4 | 22 | 55 | 60 | | |
| | | S | 630 | 600914 | 6 | 14x1,5 | 7/16-20 | 13,8 | 29,9 | 12 | 14 | 17 |
| | | | | 600915 | 8 | 16x1,5 | 9/16-18 | 18,8 | 31,5 | 12 | 17 | 19 |
| | | | | 600916 | 10 | 18x1,5 | 9/16-18 | 18,8 | 34 | 12 | 17 | 22 |
| 600917 | 12 | | | 20x1,5 | 3/4-16 | 21,8 | 34,9 | 12 | 22 | 24 | | |
| 600918 | 14 | | | 22x1,5 | 7/8-14 | 26,8 | 37,8 | 14 | 27 | 27 | | |
| 400 | 600919 | | 16 | 24x1,5 | 7/8-14 | 26,8 | 38,3 | 14 | 27 | 30 | | |
| | 600920 | 20 | 30x2 | 1 1/16-12 | 31,8 | 43,9 | 16 | 32 | 36 | | | |
| | 600921 | 25 | 36x2 | 1 5/16-12 | 40,8 | 50,9 | 18 | 41 | 46 | | | |
| | 600922 | 30 | 42x2 | 1 5/8-12 | 49,8 | 55,9 | 20 | 50 | 50 | | | |
| | 315 | 600923 | 38 | 52x2 | 1 7/8-12 | 54,8 | 66,9 | 22 | 55 | 60 | | |

Note: If you wish to order a fitting in stainless steel, please change the first two digit from 60.. to 61..
 Articles available on request only

MALE STUD COUPLING WITH SWIVEL NUT
Thread NPT

Type: 6010..

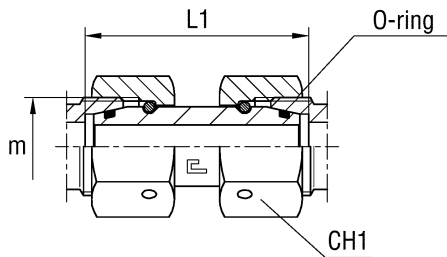


| Serie | Bar | Ordering Complete | Ø Tube | m | P | L1 | L2 | CH1 | CH2 |
|-------|-----|-------------------|--------|--------|-------|-------|------|-----|-----|
| L | 315 | 601004 | 6 | 12x1,5 | 1/8 | 23 | 10 | 12 | 14 |
| | | 601005 | 8 | 14x1,5 | 1/4 | 27,5 | 15 | 14 | 17 |
| | | 601006 | 10 | 16x1,5 | 1/4 | 25,5 | 15 | 14 | 19 |
| | | 601007 | 12 | 18x1,5 | 3/8 | 31,5 | 15 | 19 | 22 |
| | | 601008 | 15 | 22x1,5 | 1/2 | 29 | 19,5 | 22 | 27 |
| | | 601009 | 18 | 26x1,5 | 1/2 | 28,5 | 19,5 | 24 | 32 |
| | 160 | 601010 | 22 | 30x2 | 3/4 | 29,5 | 20 | 27 | 36 |
| | | 601011 | 28 | 36x2 | 1 | 32 | 25 | 36 | 41 |
| | | 601012 | 35 | 45x2 | 1 1/4 | 39,5 | 25,5 | 46 | 50 |
| | | 601013 | 42 | 52x2 | 1 1/2 | 43,5 | 26 | 50 | 60 |
| S | 630 | 601014 | 6 | 14x1,5 | 1/4 | 25 | 15 | 14 | 17 |
| | | 601015 | 8 | 16x1,5 | 1/4 | 27,5 | 15 | 14 | 19 |
| | | 601016 | 10 | 18x1,5 | 3/8 | 29,5 | 15 | 19 | 22 |
| | | 601017 | 12 | 20x1,5 | 3/8 | 31,5 | 15 | 19 | 24 |
| | | 601018 | 14 | 22x1,5 | 1/2 | 33,5 | 19,5 | 22 | 27 |
| | 400 | 601019 | 16 | 24x1,5 | 1/2 | 34 | 19,5 | 22 | 30 |
| | | 601020 | 20 | 30x2 | 3/4 | 40 | 20 | 27 | 36 |
| | | 601021 | 25 | 36x2 | 1 | 45 | 25 | 36 | 46 |
| | | 601022 | 30 | 42x2 | 1 1/4 | 48 | 25,5 | 46 | 50 |
| | | 315 | 601023 | 38 | 52x2 | 1 1/2 | 57 | 26 | 50 |

Note: If you wish to order a fitting in stainless steel, please change the first two digit from 60.. to 61..
 Articles available on request only

STRAIGHT COUPLING WITH SWIVEL NUT

Type: 6035..



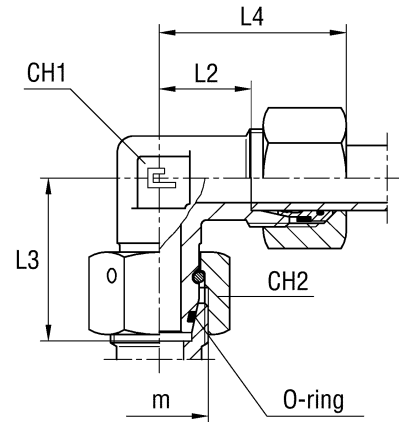
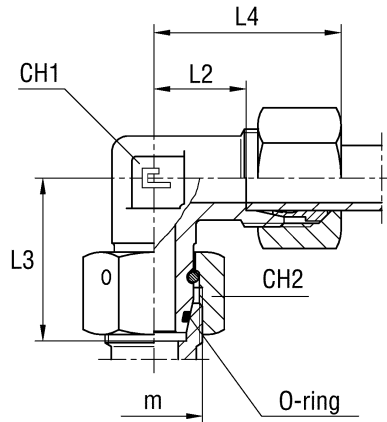
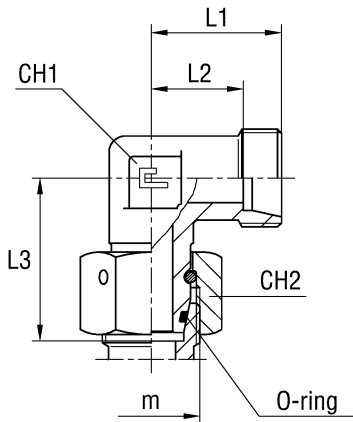
| Serie | Bar | Ordering Complete | Ø Tube | m | L1 | CH1 |
|--------|--------|-------------------|--------|--------|----|-----|
| L | 315 | 603504 | 6 | 12x1,5 | 40 | 14 |
| | | 603505 | 8 | 14x1,5 | 40 | 17 |
| | | 603506 | 10 | 16x1,5 | 39 | 19 |
| | | 603507 | 12 | 18x1,5 | 39 | 22 |
| | | 603508 | 15 | 22x1,5 | 45 | 27 |
| | 603509 | 18 | 26x1,5 | 43 | 32 | |
| | 160 | 603510 | 22 | 30x2 | 48 | 36 |
| | | 603511 | 28 | 36x2 | 49 | 41 |
| | | 603512 | 35 | 45x2 | 60 | 50 |
| 603513 | | 42 | 52x2 | 60 | 60 | |
| S | 630 | 603514 | 6 | 14x1,5 | 37 | 17 |
| | | 603515 | 8 | 16x1,5 | 38 | 19 |
| | | 603516 | 10 | 18x1,5 | 44 | 22 |
| | | 603517 | 12 | 20x1,5 | 41 | 24 |
| | | 603518 | 14 | 22x1,5 | 44 | 27 |
| | 400 | 603519 | 16 | 24x1,5 | 51 | 30 |
| | | 603520 | 20 | 30x2 | 56 | 36 |
| | | 603521 | 25 | 36x2 | 60 | 46 |
| | | 603522 | 30 | 42x2 | 62 | 50 |
| | 315 | 603523 | 38 | 52x2 | 70 | 60 |

Note: If you wish to order a fitting in stainless steel, please change the first two digit from 60.. to 61..

ADJUSTABLE MALE STUD ELBOW

 Type: **6042...1** Only Body

 Type: **6042... B3** Ring

 Type: **6042...4** B4 Ring


| Serie | Bar | Ordering Body | Ordering Equipped B3 | Ø Tube | m | L1 | L2 | L3 | L4 | CH1 | CH2 | Ordering Equipped B4 |
|----------|----------|---------------|----------------------|--------|--------|------|------|------|----|-----|----------|----------------------|
| L | 315 | 604204.1 | 604204 | 6 | 12x1,5 | 19 | 12 | 26 | 27 | 12 | 14 | 604204.4 |
| | | 604205.1 | 604205 | 8 | 14x1,5 | 21 | 14 | 27,5 | 29 | 12 | 17 | 604205.4 |
| | | 604206.1 | 604206 | 10 | 16x1,5 | 22 | 15 | 29 | 30 | 14 | 19 | 604206.4 |
| | | 604207.1 | 604207 | 12 | 18x1,5 | 24 | 17 | 29,5 | 32 | 17 | 22 | 604207.4 |
| | | 604208.1 | 604208 | 15 | 22x1,5 | 28 | 21 | 32,5 | 36 | 19 | 27 | 604208.4 |
| | 604209.1 | 604209 | 18 | 26x1,5 | 31 | 23,5 | 35,5 | 40 | 24 | 32 | 604209.4 | |
| | 160 | 604210.1 | 604210 | 22 | 30x2 | 35 | 27,5 | 38,5 | 44 | 27 | 36 | 604210.4 |
| | | 604211.1 | 604211 | 28 | 36x2 | 38 | 30,5 | 41,5 | 47 | 36 | 41 | 604211.4 |
| 604212.1 | | 604212 | 35 | 45x2 | 45 | 34,5 | 51,5 | 56 | 41 | 50 | 604212.4 | |
| | | 604213.1 | 604213 | 42 | 52x2 | 51 | 40 | 56 | 63 | 50 | 60 | 604213.4 |
| S | 630 | 604214.1 | 604214 | 6 | 14x1,5 | 23 | 16 | 27 | 31 | 12 | 17 | 604214.4 |
| | | 604215.1 | 604215 | 8 | 16x1,5 | 24 | 17 | 27,5 | 32 | 14 | 19 | 604215.4 |
| | | 604216.1 | 604216 | 10 | 18x1,5 | 25 | 17,5 | 30 | 34 | 17 | 22 | 604216.4 |
| | | 604217.1 | 604217 | 12 | 20x1,5 | 29 | 21,5 | 31 | 38 | 17 | 24 | 604217.4 |
| | | 604218.1 | 604218 | 14 | 22x1,5 | 30 | 22 | 35 | 40 | 19 | 27 | 604218.4 |
| | 400 | 604219.1 | 604219 | 16 | 24x1,5 | 33 | 24,5 | 36,5 | 43 | 24 | 30 | 604219.4 |
| | | 604220.1 | 604220 | 20 | 30x2 | 37 | 26,5 | 44,5 | 48 | 27 | 36 | 604220.4 |
| | | 604221.1 | 604221 | 25 | 36x2 | 42 | 30 | 50 | 54 | 36 | 46 | 604221.4 |
| | | 604222.1 | 604222 | 30 | 42x2 | 49 | 35,5 | 55,5 | 62 | 41 | 50 | 604222.4 |
| | 315 | 604223.1 | 604223 | 38 | 52x2 | 57 | 41 | 63 | 72 | 50 | 60 | 604223.4 |

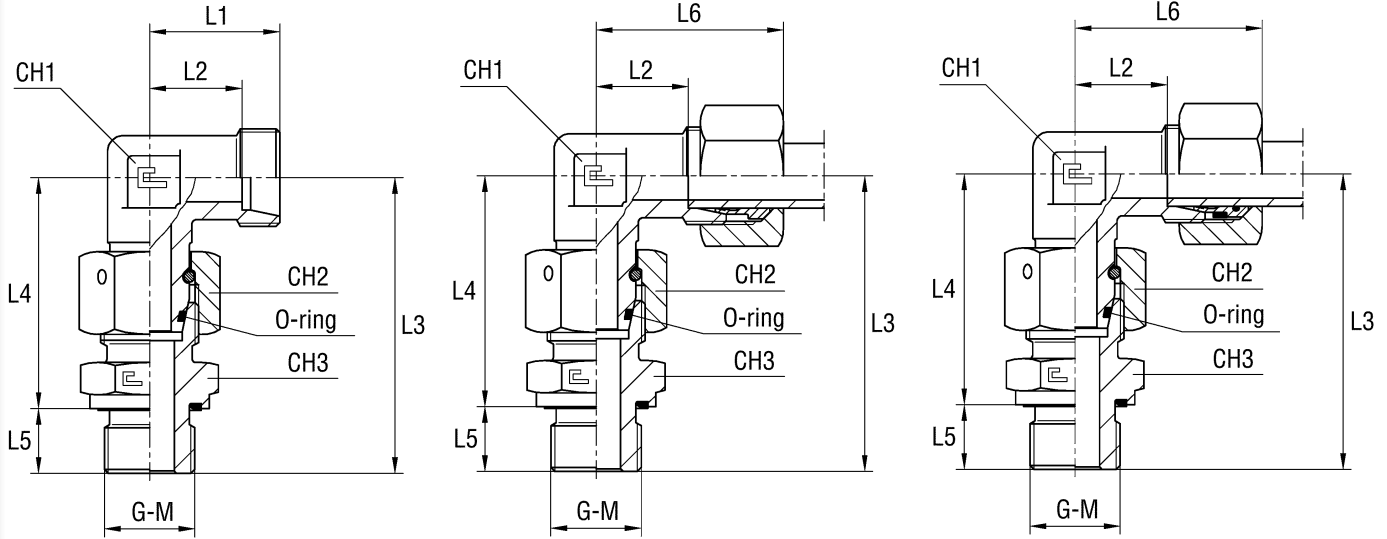
Note: If you wish to order a fitting in stainless steel, please change the first two digit from **60..** to **61..**

ADJUSTABLE MALE STUD ELBOW WITH MALE STUD
Thread BSP Parallel - Thread Metric Parallel

Type: 6043...1 Only Body
 Type: 6044...1 Only Body

Type: 6043... B3 Ring
 Type: 6044... Anello B3

Type: 6043...4 B4 Ring
 Type: 6044...4 B4 Ring



| Serie | Bar | Ordering Body | Ordering Equipped B3 | Ø Tube | G | L1 | L2 | L3 | L4 | L5 | L6 | CH1 | CH2 | CH3 | Ordering Equipped B4 |
|-------|----------|---------------|----------------------|--------|-------|------|------|------|------|----|----|-----|-----|----------|----------------------|
| L | 315 | 604304.1 | 604304 | 6 | 1/8 | 19 | 12 | 42,5 | 34,5 | 8 | 27 | 12 | 14 | 14 | 604304.4 |
| | | 604305.1 | 604305 | 8 | 1/4 | 21 | 14 | 49 | 37 | 12 | 29 | 12 | 17 | 19 | 604305.4 |
| | | 604306.1 | 604306 | 10 | 1/4 | 22 | 15 | 51,5 | 39,5 | 12 | 30 | 14 | 19 | 19 | 604306.4 |
| | | 604307.1 | 604307 | 12 | 3/8 | 24 | 17 | 53,5 | 41,5 | 12 | 32 | 17 | 22 | 22 | 604307.4 |
| | | 604308.1 | 604308 | 15 | 1/2 | 28 | 21 | 60 | 46 | 14 | 36 | 19 | 27 | 27 | 604308.4 |
| | 604309.1 | 604309 | 18 | 1/2 | 31 | 23,5 | 63,5 | 49,5 | 14 | 40 | 24 | 32 | 27 | 604309.4 | |
| | 160 | 604310.1 | 604310 | 22 | 3/4 | 35 | 27,5 | 70,5 | 54,5 | 16 | 44 | 27 | 36 | 32 | 604310.4 |
| | | 604311.1 | 604311 | 28 | 1 | 38 | 30,5 | 77 | 59 | 18 | 47 | 36 | 41 | 41 | 604311.4 |
| | | 604312.1 | 604312 | 35 | 1 1/4 | 45 | 34,5 | 88,5 | 68,5 | 20 | 56 | 41 | 50 | 50 | 604312.4 |
| | | 604313.1 | 604313 | 42 | 1 1/2 | 51 | 40 | 97 | 75 | 22 | 63 | 50 | 60 | 55 | 604313.4 |
| S | | 630 | 604314.1 | 604314 | 6 | 1/4 | 23 | 16 | 52 | 40 | 12 | 31 | 12 | 17 | 19 |
| | 604315.1 | | 604315 | 8 | 1/4 | 24 | 17 | 54 | 42 | 12 | 32 | 14 | 19 | 19 | 604315.4 |
| | 604316.1 | | 604316 | 10 | 3/8 | 25 | 17,5 | 56,5 | 44,5 | 12 | 34 | 17 | 22 | 22 | 604316.4 |
| | 604317.1 | | 604317 | 12 | 3/8 | 29 | 21,5 | 59,5 | 47,5 | 12 | 38 | 17 | 24 | 24 | 604317.4 |
| | 604318.1 | | 604318 | 14 | 1/2 | 30 | 22 | 67,5 | 53,5 | 14 | 40 | 19 | 27 | 27 | 604318.4 |
| | 400 | 604319.1 | 604319 | 16 | 1/2 | 33 | 24,5 | 68,5 | 54,5 | 14 | 43 | 24 | 30 | 27 | 604319.4 |
| | | 604320.1 | 604320 | 20 | 3/4 | 37 | 26,5 | 80,5 | 64,5 | 16 | 48 | 27 | 36 | 32 | 604320.4 |
| | | 604321.1 | 604321 | 25 | 1 | 42 | 30 | 90,5 | 72,5 | 18 | 54 | 36 | 46 | 41 | 604321.4 |
| 315 | 604322.1 | 604322 | 30 | 1 1/4 | 49 | 35,5 | 98,5 | 78,5 | 20 | 62 | 41 | 50 | 50 | 604322.4 | |
| 315 | 604323.1 | 604323 | 38 | 1 1/2 | 57 | 41 | 111 | 89 | 22 | 72 | 50 | 60 | 55 | 604323.4 | |

Note: If you wish to order a fitting in stainless steel, please change the first two digit from 60.. to 61..

| Serie | Bar | Ordering Body | Ordering Equipped B3 | Ø Tube | M | L1 | L2 | L3 | L4 | L5 | L6 | CH1 | CH2 | CH3 | Ordering Equipped B4 |
|-------|----------|---------------|----------------------|--------|--------|--------|------|------|------|----|----|-----|-----|----------|----------------------|
| L | 315 | 604404.1 | 604404 | 6 | 10x1 | 19 | 12 | 42,5 | 34,5 | 8 | 27 | 12 | 14 | 14 | 604404.4 |
| | | 604405.1 | 604405 | 8 | 12x1,5 | 21 | 14 | 49 | 37 | 12 | 29 | 12 | 17 | 17 | 604405.4 |
| | | 604406.1 | 604406 | 10 | 14x1,5 | 22 | 15 | 51,5 | 39,5 | 12 | 30 | 14 | 19 | 19 | 604406.4 |
| | | 604407.1 | 604407 | 12 | 16x1,5 | 24 | 17 | 53,5 | 41,5 | 12 | 32 | 17 | 22 | 22 | 604407.4 |
| | | 604408.1 | 604408 | 15 | 18x1,5 | 28 | 21 | 60 | 45,5 | 14 | 36 | 19 | 27 | 24 | 604408.4 |
| | 604409.1 | 604409 | 18 | 22x1,5 | 31 | 23,5 | 63,5 | 49,5 | 14 | 40 | 24 | 32 | 27 | 604409.4 | |
| | 160 | 604410.1 | 604410 | 22 | 26x1,5 | 35 | 27,5 | 70,5 | 54,5 | 16 | 44 | 27 | 36 | 32 | 604410.4 |
| | | 604411.1 | 604411 | 28 | 33x2 | 38 | 30,5 | 77 | 59 | 18 | 47 | 36 | 41 | 41 | 604411.4 |
| | | 604412.1 | 604412 | 35 | 42x2 | 45 | 34,5 | 88,5 | 68,5 | 20 | 56 | 41 | 50 | 50 | 604412.4 |
| | | 604413.1 | 604413 | 42 | 48x2 | 51 | 40 | 97 | 75 | 22 | 63 | 50 | 60 | 55 | 604413.4 |
| S | | 630 | 604414.1 | 604414 | 6 | 12x1,5 | 23 | 16 | 52 | 40 | 12 | 31 | 12 | 17 | 17 |
| | 604415.1 | | 604415 | 8 | 14x1,5 | 24 | 17 | 54 | 42 | 12 | 32 | 14 | 19 | 19 | 604415.4 |
| | 604416.1 | | 604416 | 10 | 16x1,5 | 25 | 17,5 | 56,5 | 44,5 | 12 | 34 | 17 | 22 | 22 | 604416.4 |
| | 604417.1 | | 604417 | 12 | 18x1,5 | 29 | 21,5 | 59,5 | 47,5 | 12 | 38 | 17 | 24 | 24 | 604417.4 |
| | 604418.1 | | 604418 | 14 | 20x1,5 | 30 | 22 | 67,5 | 53,5 | 14 | 40 | 19 | 27 | 27 | 604418.4 |
| | 400 | 604419.1 | 604419 | 16 | 22x1,5 | 33 | 24,5 | 68,5 | 54,5 | 14 | 43 | 24 | 30 | 27 | 604419.4 |
| | | 604420.1 | 604420 | 20 | 27x2 | 37 | 26,5 | 80,5 | 64,5 | 16 | 48 | 27 | 36 | 32 | 604420.4 |
| | | 604421.1 | 604421 | 25 | 33x2 | 42 | 30 | 90,5 | 72,5 | 18 | 54 | 36 | 46 | 41 | 604421.4 |
| 315 | 604422.1 | 604422 | 30 | 42x2 | 49 | 35,5 | 98,5 | 78,5 | 20 | 62 | 41 | 50 | 50 | 604422.4 | |
| 315 | 604423.1 | 604423 | 38 | 48x2 | 57 | 41 | 111 | 89 | 22 | 72 | 50 | 60 | 55 | 604423.4 | |

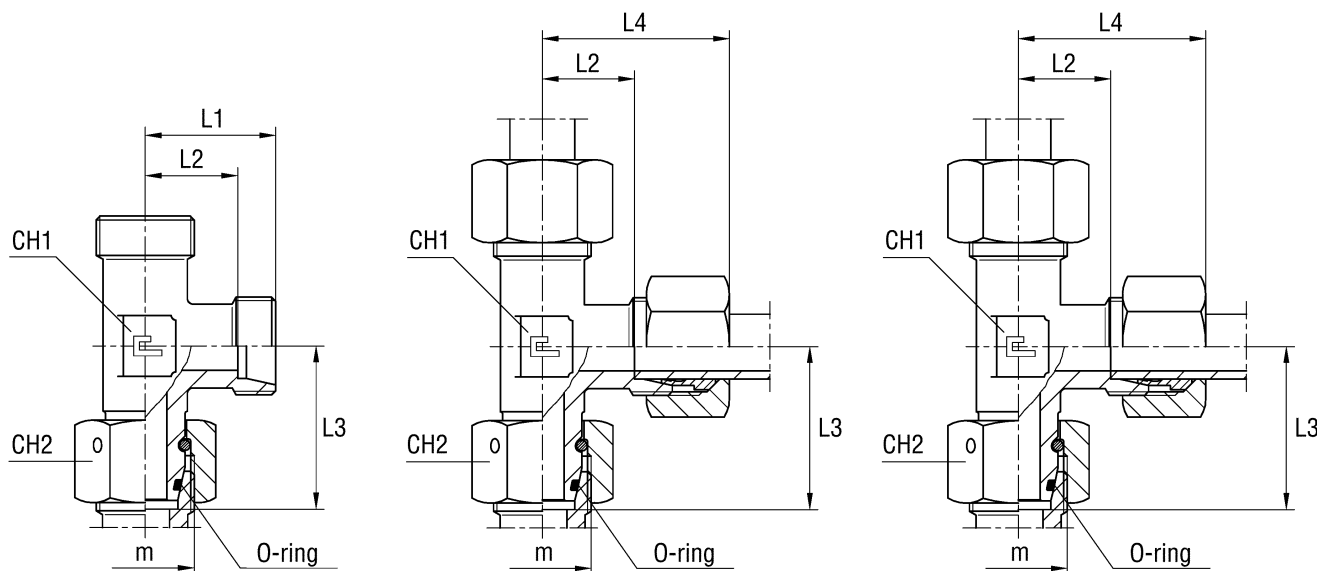
Note: If you wish to order a fitting in stainless steel, please change the first two digit from 60.. to 61..

ADJUSTABLE MALE STUD BARREL TEE

Type: 6046...1 Only Body

Type: 6046... B3 Ring

Type: 6046...4 B4 Ring



| Serie | Bar | Ordering Body | Ordering Equipped B3 | Ø Tube | m | L1 | L2 | L3 | L4 | CH1 | CH2 | Ordering Equipped B4 |
|----------|----------|---------------|----------------------|--------|--------|------|------|------|----|----------|----------|----------------------|
| L | 315 | 604604.1 | 604604 | 6 | 12x1,5 | 19 | 12 | 26 | 27 | 12 | 14 | 604604.4 |
| | | 604605.1 | 604605 | 8 | 14x1,5 | 21 | 14 | 27,5 | 29 | 12 | 17 | 604605.4 |
| | | 604606.1 | 604606 | 10 | 16x1,5 | 22 | 15 | 29 | 30 | 14 | 19 | 604606.4 |
| | | 604607.1 | 604607 | 12 | 18x1,5 | 24 | 17 | 29,5 | 32 | 17 | 22 | 604607.4 |
| | | 604608.1 | 604608 | 15 | 22x1,5 | 28 | 21 | 32,5 | 36 | 19 | 27 | 604608.4 |
| | 604609.1 | 604609 | 18 | 26x1,5 | 31 | 23,5 | 35,5 | 40 | 24 | 32 | 604609.4 | |
| | 604610.1 | 604610 | 22 | 30x2 | 35 | 27,5 | 38,5 | 44 | 27 | 36 | 604610.4 | |
| | 604611.1 | 604611 | 28 | 36x2 | 38 | 30,5 | 41,5 | 47 | 36 | 41 | 604611.4 | |
| | 604612.1 | 604612 | 35 | 45x2 | 45 | 34,5 | 51,5 | 56 | 41 | 50 | 604612.4 | |
| 604613.1 | 604613 | 42 | 52x2 | 51 | 40 | 56 | 63 | 50 | 60 | 604613.4 | | |
| S | 630 | 604614.1 | 604614 | 6 | 14x1,5 | 23 | 16 | 27 | 31 | 12 | 17 | 604614.4 |
| | | 604615.1 | 604615 | 8 | 16x1,5 | 24 | 17 | 27,5 | 32 | 14 | 19 | 604615.4 |
| | | 604616.1 | 604616 | 10 | 18x1,5 | 25 | 17,5 | 30 | 34 | 17 | 22 | 604616.4 |
| | | 604617.1 | 604617 | 12 | 20x1,5 | 29 | 21,5 | 31 | 38 | 17 | 24 | 604617.4 |
| | | 604618.1 | 604618 | 14 | 22x1,5 | 30 | 22 | 35 | 40 | 19 | 27 | 604618.4 |
| | 604619.1 | 604619 | 16 | 24x1,5 | 33 | 24,5 | 36,5 | 43 | 24 | 30 | 604619.4 | |
| | 604620.1 | 604620 | 20 | 30x2 | 37 | 26,5 | 44,5 | 48 | 27 | 36 | 604620.4 | |
| | 604621.1 | 604621 | 25 | 36x2 | 42 | 30 | 50 | 54 | 36 | 46 | 604621.4 | |
| | 604622.1 | 604622 | 30 | 42x2 | 49 | 35,5 | 55,5 | 62 | 41 | 50 | 604622.4 | |
| 315 | 604623.1 | 604623 | 38 | 52x2 | 57 | 41 | 63 | 72 | 50 | 60 | 604623.4 | |

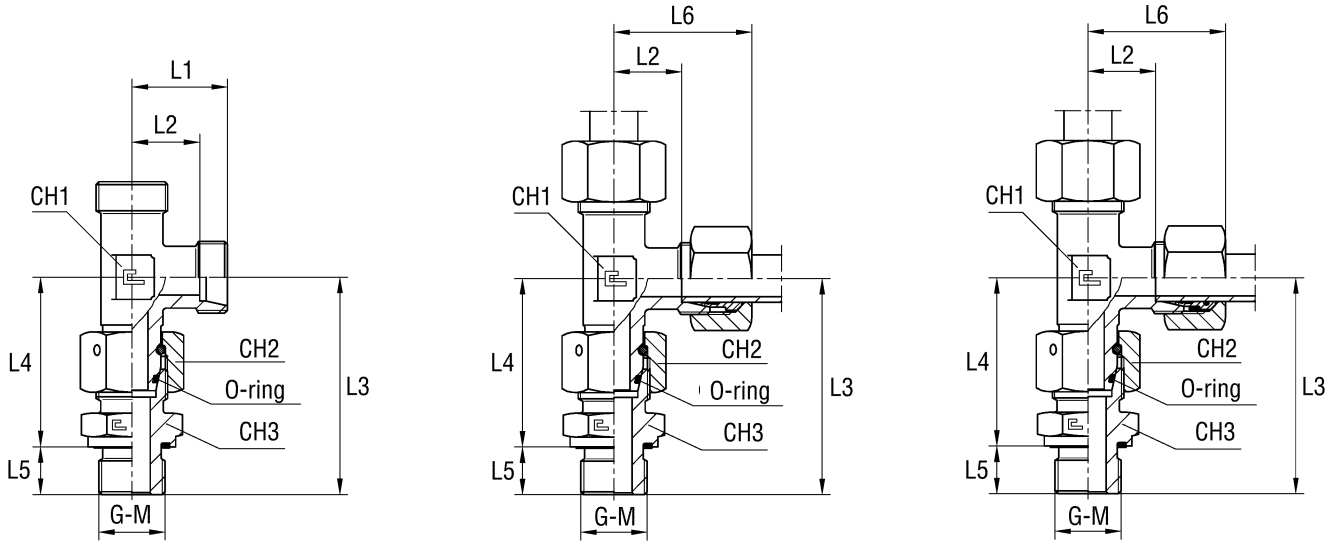
Note: If you wish to order a fitting in stainless steel, please change the first two digit from 60.. to 61..

ADJUSTABLE MALE STUD BARREL TEE WITH MALE STUD
Thread BSP Parallel - Thread Metric Parallel

Type: 6047...1 Only Body
Type: 6048...1 Only Body

Type: 6047.. B3 Ring
Type: 6048.. B3 Ring

Type: 6047...4 B4 Ring
Type: 6048...4 B4 Ring



| Serie | Bar | Ordering Body | Ordering Equipped B3 | Ø Tube | G | L1 | L2 | L3 | L4 | L5 | L6 | CH1 | CH2 | CH3 | Ordering Equipped B4 |
|----------|----------|---------------|----------------------|--------|-------|------|------|-------|------|----|----|-----|-----|----------|----------------------|
| L | 315 | 604704.1 | 604704 | 6 | 1/8 | 19 | 12 | 61,5 | 34,5 | 8 | 27 | 12 | 14 | 14 | 604704.4 |
| | | 604705.1 | 604705 | 8 | 1/4 | 21 | 14 | 66,5 | 37 | 12 | 29 | 12 | 17 | 19 | 604705.4 |
| | | 604706.1 | 604706 | 10 | 1/4 | 22 | 15 | 70 | 39,5 | 12 | 30 | 14 | 19 | 19 | 604706.4 |
| | | 604707.1 | 604707 | 12 | 3/8 | 24 | 17 | 74 | 41,5 | 12 | 32 | 17 | 22 | 22 | 604707.4 |
| | | 604708.1 | 604708 | 15 | 1/2 | 28 | 21 | 82,5 | 46 | 14 | 36 | 19 | 27 | 27 | 604708.4 |
| | 604709.1 | 604709 | 18 | 1/2 | 31 | 23,5 | 90 | 49,5 | 14 | 40 | 24 | 32 | 27 | 604709.4 | |
| | 160 | 604710.1 | 604710 | 22 | 3/4 | 35 | 27,5 | 99 | 54,5 | 16 | 44 | 27 | 36 | 32 | 604710.4 |
| | | 604711.1 | 604711 | 28 | 1 | 38 | 30,5 | 106 | 59 | 18 | 47 | 36 | 41 | 41 | 604711.4 |
| | | 604712.1 | 604712 | 35 | 1 1/4 | 45 | 34,5 | 124,5 | 68,5 | 20 | 56 | 41 | 50 | 50 | 604712.4 |
| | | 604713.1 | 604713 | 42 | 1 1/2 | 51 | 40 | 138 | 75 | 22 | 63 | 50 | 60 | 55 | 604713.4 |
| 604714.1 | | 604714 | 6 | 1/4 | 23 | 16 | 71 | 40 | 12 | 31 | 12 | 17 | 19 | 604714.4 | |
| S | 630 | 604715.1 | 604715 | 8 | 1/4 | 24 | 17 | 74,5 | 42 | 12 | 32 | 14 | 19 | 19 | 604715.4 |
| | | 604716.1 | 604716 | 10 | 3/8 | 25 | 17,5 | 79 | 44,5 | 12 | 34 | 17 | 22 | 22 | 604716.4 |
| | | 604717.1 | 604717 | 12 | 3/8 | 29 | 21,5 | 86 | 47,5 | 12 | 38 | 17 | 24 | 22 | 604717.4 |
| | | 604718.1 | 604718 | 14 | 1/2 | 30 | 22 | 94 | 53,5 | 14 | 40 | 19 | 27 | 27 | 604718.4 |
| | | 604719.1 | 604719 | 16 | 1/2 | 33 | 24,5 | 98 | 54,5 | 14 | 43 | 24 | 30 | 27 | 604719.4 |
| | 400 | 604720.1 | 604720 | 20 | 3/4 | 37 | 26,5 | 113 | 64,5 | 16 | 48 | 27 | 36 | 32 | 604720.4 |
| | | 604721.1 | 604721 | 25 | 1 | 42 | 30 | 127 | 72,5 | 18 | 54 | 36 | 46 | 41 | 604721.4 |
| | | 604722.1 | 604722 | 30 | 1 1/4 | 49 | 35,5 | 140,5 | 78,5 | 20 | 62 | 41 | 50 | 50 | 604722.4 |
| | | 604723.1 | 604723 | 38 | 1 1/2 | 57 | 41 | 161 | 89 | 22 | 72 | 50 | 60 | 55 | 604723.4 |

Note: If you wish to order a fitting in stainless steel, please change the first two digit from 60.. to 61..

| Serie | Bar | Ordering Body | Ordering Equipped B3 | Ø Tube | M | L1 | L2 | L3 | L4 | L5 | L6 | CH1 | CH2 | CH3 | Ordering Equipped B4 |
|-------|-----|---------------|----------------------|--------|--------|----|------|-------|------|----|----|-----|-----|-----|----------------------|
| L | 315 | 604804.1 | 604804 | 6 | 10x1 | 8 | 34,5 | 61,5 | 34,5 | 8 | 27 | 12 | 14 | 14 | 604804.4 |
| | | 604805.1 | 604805 | 8 | 12x1,5 | 12 | 37 | 66,5 | 37 | 12 | 29 | 12 | 17 | 17 | 604805.4 |
| | | 604806.1 | 604806 | 10 | 14x1,5 | 12 | 39,5 | 70 | 39,5 | 12 | 30 | 14 | 19 | 19 | 604806.4 |
| | | 604807.1 | 604807 | 12 | 16x1,5 | 12 | 41,5 | 74 | 41,5 | 12 | 32 | 17 | 22 | 22 | 604807.4 |
| | | 604808.1 | 604808 | 15 | 18x1,5 | 14 | 45,5 | 82,5 | 45,5 | 14 | 36 | 19 | 27 | 24 | 604808.4 |
| | | 604809.1 | 604809 | 18 | 22x1,5 | 14 | 49,5 | 90 | 49,5 | 14 | 40 | 24 | 32 | 27 | 604809.4 |
| | 160 | 604810.1 | 604810 | 22 | 26x1,5 | 16 | 54,5 | 99 | 54,5 | 16 | 44 | 27 | 36 | 32 | 604810.4 |
| | | 604811.1 | 604811 | 28 | 33x2 | 18 | 59 | 106 | 59 | 18 | 47 | 36 | 41 | 41 | 604811.4 |
| | | 604812.1 | 604812 | 35 | 42x2 | 20 | 68,5 | 124,5 | 68,5 | 20 | 56 | 41 | 50 | 50 | 604812.4 |
| | | 604813.1 | 604813 | 42 | 48x2 | 22 | 75 | 138 | 75 | 22 | 63 | 50 | 60 | 55 | 604813.4 |
| S | 630 | 604814.1 | 604814 | 6 | 12x1,5 | 12 | 40 | 71 | 40 | 12 | 31 | 12 | 17 | 17 | 604814.4 |
| | | 604815.1 | 604815 | 8 | 14x1,5 | 12 | 42 | 74,5 | 42 | 12 | 32 | 14 | 19 | 19 | 604815.4 |
| | | 604816.1 | 604816 | 10 | 16x1,5 | 12 | 44,5 | 79 | 44,5 | 12 | 34 | 17 | 22 | 22 | 604816.4 |
| | | 604817.1 | 604817 | 12 | 18x1,5 | 12 | 47,5 | 86 | 47,5 | 12 | 38 | 17 | 24 | 24 | 604817.4 |
| | | 604818.1 | 604818 | 14 | 20x1,5 | 14 | 53,5 | 94 | 53,5 | 14 | 40 | 19 | 27 | 27 | 604818.4 |
| | 400 | 604819.1 | 604819 | 16 | 22x1,5 | 14 | 54,5 | 98 | 54,5 | 14 | 43 | 24 | 30 | 27 | 604819.4 |
| | | 604820.1 | 604820 | 20 | 27x2 | 16 | 64,5 | 113 | 64,5 | 16 | 48 | 27 | 36 | 32 | 604820.4 |
| | | 604821.1 | 604821 | 25 | 33x2 | 18 | 72,5 | 127 | 72,5 | 18 | 54 | 36 | 46 | 41 | 604821.4 |
| | | 604822.1 | 604822 | 30 | 42x2 | 20 | 78,5 | 140,5 | 78,5 | 20 | 62 | 41 | 50 | 50 | 604822.4 |
| | | 604823.1 | 604823 | 38 | 48x2 | 22 | 89 | 161 | 89 | 22 | 72 | 50 | 60 | 55 | 604823.4 |

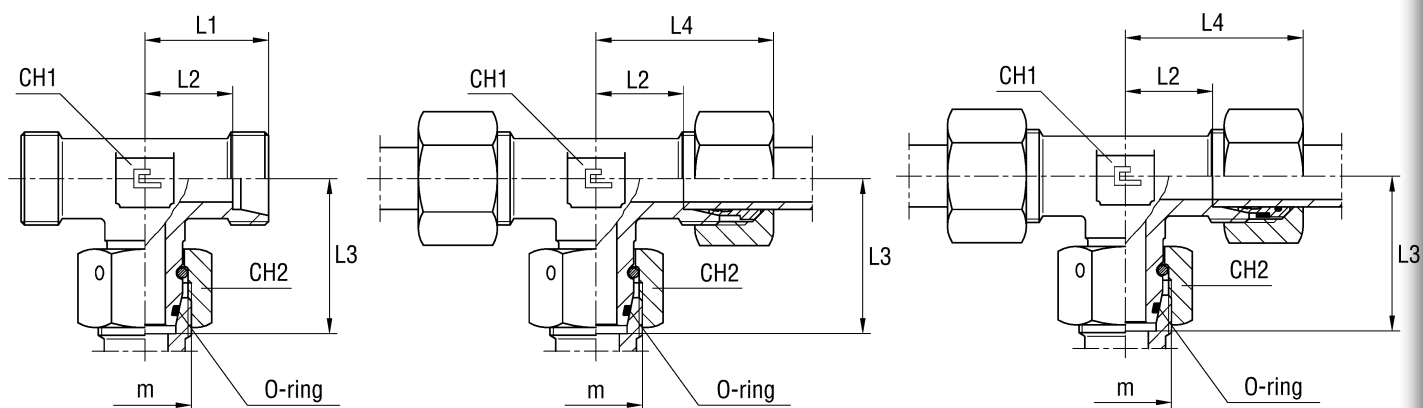
Note: If you wish to order a fitting in stainless steel, please change the first two digit from 60.. to 61..

ADJUSTABLE MALE STUD BRANCH TEE

Type: 6050...1 Only Body

Type: 6050... B3 Ring

Type: 6050...4 B4 Ring



| Serie | Bar | Ordering Body | Ordering Equipped B3 | Ø Tube | m | L1 | L2 | L3 | L4 | CH1 | CH2 | Ordering Equipped B4 |
|-------|----------|---------------|----------------------|--------|--------|------|------|------|----|-----|----------|----------------------|
| L | 315 | 605004.1 | 605004 | 6 | 12x1,5 | 19 | 12 | 26 | 27 | 12 | 14 | 605004.4 |
| | | 605005.1 | 605005 | 8 | 14x1,5 | 21 | 14 | 27,5 | 29 | 12 | 17 | 605005.4 |
| | | 605006.1 | 605006 | 10 | 16x1,5 | 22 | 15 | 29 | 30 | 14 | 19 | 605006.4 |
| | | 605007.1 | 605007 | 12 | 18x1,5 | 24 | 17 | 29,5 | 32 | 17 | 22 | 605007.4 |
| | | 605008.1 | 605008 | 15 | 22x1,5 | 28 | 21 | 32,5 | 36 | 19 | 27 | 605008.4 |
| | 605009.1 | 605009 | 18 | 26x1,5 | 31 | 23,5 | 35,5 | 40 | 24 | 32 | 605009.4 | |
| | 160 | 605010.1 | 605010 | 22 | 30x2 | 35 | 27,5 | 38,5 | 44 | 27 | 36 | 605010.4 |
| | | 605011.1 | 605011 | 28 | 36x2 | 38 | 30,5 | 41,5 | 47 | 36 | 41 | 605011.4 |
| | | 605012.1 | 605012 | 35 | 45x2 | 45 | 34,5 | 51,5 | 56 | 41 | 50 | 605012.4 |
| | | 605013.1 | 605013 | 42 | 52x2 | 51 | 40 | 56 | 63 | 50 | 60 | 605013.4 |
| S | 630 | 605014.1 | 605014 | 6 | 14x1,5 | 23 | 16 | 27 | 31 | 12 | 17 | 605014.4 |
| | | 605015.1 | 605015 | 8 | 16x1,5 | 24 | 17 | 27,5 | 32 | 14 | 19 | 605015.4 |
| | | 605016.1 | 605016 | 10 | 18x1,5 | 25 | 17,5 | 30 | 34 | 17 | 22 | 605016.4 |
| | | 605017.1 | 605017 | 12 | 20x1,5 | 29 | 21,5 | 31 | 38 | 17 | 24 | 605017.4 |
| | | 605018.1 | 605018 | 14 | 22x1,5 | 30 | 22 | 35 | 40 | 19 | 27 | 605018.4 |
| | 400 | 605019.1 | 605019 | 16 | 24x1,5 | 33 | 24,5 | 36,5 | 43 | 24 | 30 | 605019.4 |
| | | 605020.1 | 605020 | 20 | 30x2 | 37 | 26,5 | 44,5 | 48 | 27 | 36 | 605020.4 |
| | | 605021.1 | 605021 | 25 | 36x2 | 42 | 30 | 50 | 54 | 36 | 46 | 605021.4 |
| | | 605022.1 | 605022 | 30 | 42x2 | 49 | 35,5 | 55,5 | 62 | 41 | 50 | 605022.4 |
| | | 315 | 605023.1 | 605023 | 38 | 52x2 | 57 | 41 | 63 | 72 | 50 | 60 |

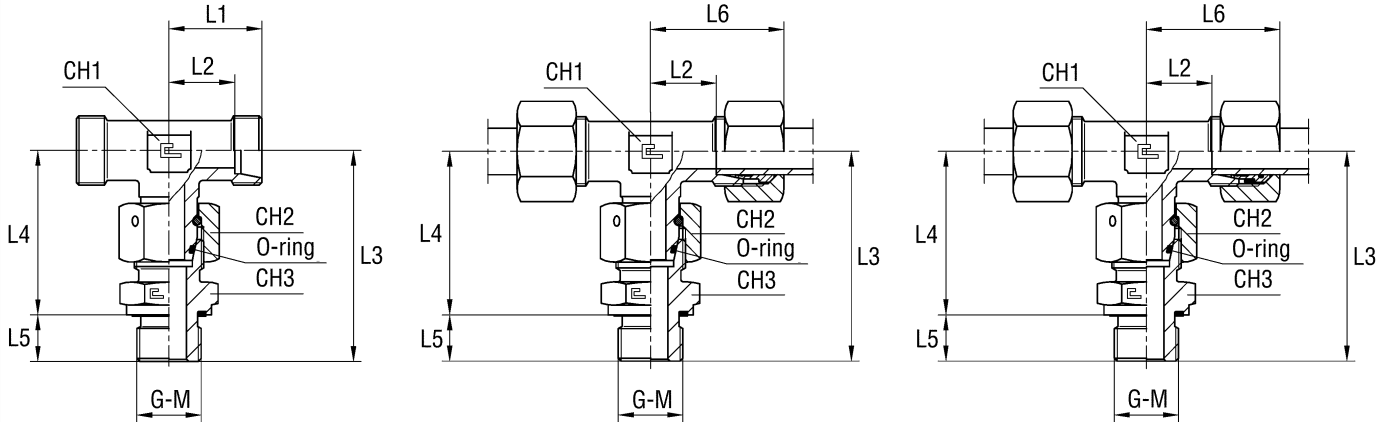
Note: If you wish to order a fitting in stainless steel, please change the first two digit from 60.. to 61..

ADJUSTABLE MALE STUD BRANCH TEE WITH MALE STUD
Thread BSP Parallel - Thread Metric Parallel

Type: **6051...1** Only Body
 Type: **6052...1** Only Body

Type: **6051.. B3** Ring
 Type: **6052.. B3** Ring

Type: **6051...4** B4 Ring
 Type: **6052...4** B4 Ring



| Serie | Bar | Ordering Body | Ordering Equipped B3 | Ø Tube | G | L1 | L2 | L3 | L4 | L5 | L6 | CH1 | CH2 | CH3 | Ordering Equipped B4 |
|----------|----------|---------------|----------------------|--------|-------|------|------|------|------|----|----|-----|-----|----------|----------------------|
| L | 315 | 605104.1 | 605104 | 6 | 1/8 | 19 | 12 | 42,5 | 34,5 | 8 | 27 | 12 | 14 | 14 | 605104.4 |
| | | 605105.1 | 605105 | 8 | 1/4 | 21 | 14 | 49 | 37 | 12 | 29 | 12 | 17 | 19 | 605105.4 |
| | | 605106.1 | 605106 | 10 | 1/4 | 22 | 15 | 51,5 | 39,5 | 12 | 30 | 14 | 19 | 19 | 605106.4 |
| | | 605107.1 | 605107 | 12 | 3/8 | 24 | 17 | 53,5 | 41,5 | 12 | 32 | 17 | 22 | 22 | 605107.4 |
| | | 605108.1 | 605108 | 15 | 1/2 | 28 | 21 | 60 | 46 | 14 | 36 | 19 | 27 | 27 | 605108.4 |
| | 605109.1 | 605109 | 18 | 1/2 | 31 | 23,5 | 63,5 | 49,5 | 14 | 40 | 24 | 32 | 27 | 605109.4 | |
| | 160 | 605110.1 | 605110 | 22 | 3/4 | 35 | 27,5 | 70,5 | 54,5 | 16 | 44 | 27 | 36 | 32 | 605110.4 |
| | | 605111.1 | 605111 | 28 | 1 | 38 | 30,5 | 77 | 59 | 18 | 47 | 36 | 41 | 41 | 605111.4 |
| | | 605112.1 | 605112 | 35 | 1 1/4 | 45 | 34,5 | 88,5 | 68,5 | 20 | 56 | 41 | 50 | 50 | 605112.4 |
| | | 605113.1 | 605113 | 42 | 1 1/2 | 51 | 40 | 97 | 75 | 22 | 63 | 50 | 60 | 55 | 605113.4 |
| 605114.1 | | 605114 | 6 | 1/4 | 23 | 16 | 52 | 40 | 12 | 31 | 12 | 17 | 19 | 605114.4 | |
| S | 630 | 605115.1 | 605115 | 8 | 1/4 | 24 | 17 | 54 | 42 | 12 | 32 | 14 | 19 | 19 | 605115.4 |
| | | 605116.1 | 605116 | 10 | 3/8 | 25 | 17,5 | 56,5 | 44,5 | 12 | 34 | 17 | 22 | 22 | 605116.4 |
| | | 605117.1 | 605117 | 12 | 3/8 | 29 | 21,5 | 59,5 | 47,5 | 12 | 38 | 17 | 24 | 24 | 605117.4 |
| | | 605118.1 | 605118 | 14 | 1/2 | 30 | 22 | 67,5 | 53,5 | 14 | 40 | 19 | 27 | 27 | 605118.4 |
| | | 605119.1 | 605119 | 16 | 1/2 | 33 | 24,5 | 68,5 | 54,5 | 14 | 43 | 24 | 30 | 27 | 605119.4 |
| | 400 | 605120.1 | 605120 | 20 | 3/4 | 37 | 26,5 | 80,5 | 64,5 | 16 | 48 | 27 | 36 | 32 | 605120.4 |
| | | 605121.1 | 605121 | 25 | 1 | 42 | 30 | 90,5 | 72,5 | 18 | 54 | 36 | 46 | 41 | 605121.4 |
| | | 605122.1 | 605122 | 30 | 1 1/4 | 49 | 35,5 | 98,5 | 78,5 | 20 | 62 | 41 | 50 | 50 | 605122.4 |
| | | 605123.1 | 605123 | 38 | 1 1/2 | 57 | 41 | 111 | 89 | 22 | 72 | 50 | 60 | 55 | 605123.4 |

Note: If you wish to order a fitting in stainless steel, please change the first two digit from 60.. to 61..

| Serie | Bar | Ordering Body | Ordering Equipped B3 | Ø Tube | M | L1 | L2 | L3 | L4 | L5 | L6 | CH1 | CH2 | CH3 | Ordering Equipped B4 |
|----------|----------|---------------|----------------------|--------|--------|------|------|------|------|----|----|-----|-----|----------|----------------------|
| L | 315 | 605204.1 | 605204 | 6 | 10x1 | 19 | 12 | 42,5 | 34,5 | 8 | 27 | 12 | 14 | 14 | 605204.4 |
| | | 605205.1 | 605205 | 8 | 12x1,5 | 21 | 14 | 49 | 37 | 12 | 29 | 12 | 17 | 17 | 605205.4 |
| | | 605206.1 | 605206 | 10 | 14x1,5 | 22 | 15 | 51,5 | 39,5 | 12 | 30 | 14 | 19 | 19 | 605206.4 |
| | | 605207.1 | 605207 | 12 | 16x1,5 | 24 | 17 | 53,5 | 41,5 | 12 | 32 | 17 | 22 | 22 | 605207.4 |
| | | 605208.1 | 605208 | 15 | 18x1,5 | 28 | 21 | 59,5 | 45,5 | 14 | 36 | 19 | 27 | 24 | 605208.4 |
| | 605209.1 | 605209 | 18 | 22x1,5 | 31 | 23,5 | 63,5 | 49,5 | 14 | 40 | 24 | 32 | 27 | 605209.4 | |
| | 160 | 605210.1 | 605210 | 22 | 26x1,5 | 35 | 27,5 | 70,5 | 54,5 | 16 | 44 | 27 | 36 | 32 | 605210.4 |
| | | 605211.1 | 605211 | 28 | 33x2 | 38 | 30,5 | 77 | 59 | 18 | 47 | 36 | 41 | 41 | 605211.4 |
| | | 605212.1 | 605212 | 35 | 42x2 | 45 | 34,5 | 88,5 | 68,5 | 20 | 56 | 41 | 50 | 50 | 605212.4 |
| | | 605213.1 | 605213 | 42 | 48x2 | 51 | 40 | 97 | 75 | 22 | 63 | 50 | 60 | 55 | 605213.4 |
| 605214.1 | | 605214 | 6 | 12x1,5 | 23 | 16 | 52 | 40 | 12 | 31 | 12 | 17 | 17 | 605214.4 | |
| S | 630 | 605215.1 | 605215 | 8 | 14x1,5 | 24 | 17 | 54 | 42 | 12 | 32 | 14 | 19 | 19 | 605215.4 |
| | | 605216.1 | 605216 | 10 | 16x1,5 | 25 | 17,5 | 56,5 | 44,5 | 12 | 34 | 17 | 22 | 22 | 605216.4 |
| | | 605217.1 | 605217 | 12 | 18x1,5 | 29 | 21,5 | 59,5 | 47,5 | 12 | 38 | 17 | 24 | 24 | 605217.4 |
| | | 605218.1 | 605218 | 14 | 20x1,5 | 30 | 22 | 67,5 | 53,5 | 14 | 40 | 19 | 27 | 27 | 605218.4 |
| | | 605219.1 | 605219 | 16 | 22x1,5 | 33 | 24,5 | 68,5 | 54,5 | 14 | 43 | 24 | 30 | 27 | 605219.4 |
| | 400 | 605220.1 | 605220 | 20 | 27x2 | 37 | 26,5 | 80,5 | 64,5 | 16 | 48 | 27 | 36 | 32 | 605220.4 |
| | | 605221.1 | 605221 | 25 | 33x2 | 42 | 30 | 90,5 | 72,5 | 18 | 54 | 36 | 46 | 41 | 605221.4 |
| | | 605222.1 | 605222 | 30 | 42x2 | 49 | 35,5 | 98,5 | 78,5 | 20 | 62 | 41 | 50 | 50 | 605222.4 |
| | | 605223.1 | 605223 | 38 | 48x2 | 57 | 41 | 111 | 89 | 22 | 72 | 50 | 60 | 55 | 605223.4 |

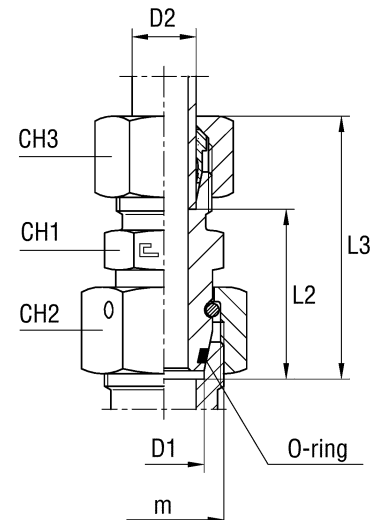
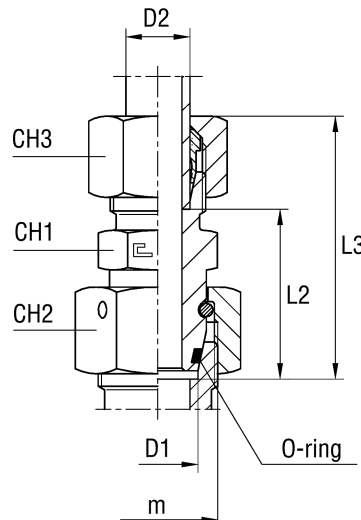
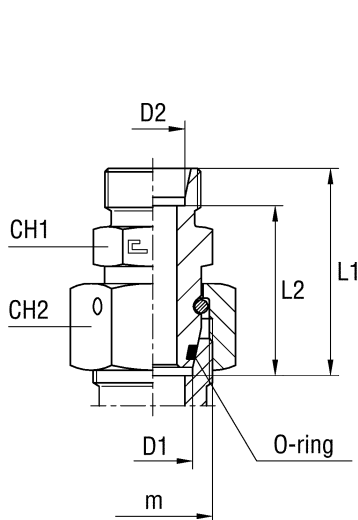
Note: If you wish to order a fitting in stainless steel, please change the first two digit from 60.. to 61..

REDUCING TUBE ADAPTER WITH SWIVEL NUT L SERIES

Type: 6053...1 Only Body

Type: 6053... B3 Ring

Type: 6053...4 B4 Ring



| Serie | Bar | Ordering Body | Ordering Equipped B3 | D1 | D2 | m | L1 | L2 | L3 | CH1 | CH2 | CH3 | Ordering Equipped B4 |
|-------|-----|---------------|----------------------|----|----|--------|------|------|------|-----|-----|-----|----------------------|
| L | 315 | 605301.1 | 605301 | 8 | 6 | 14x1,5 | 31 | 24 | 38,5 | 12 | 17 | 14 | 605301.4 |
| | | 605302.1 | 605302 | 10 | 6 | 16x1,5 | 32 | 25 | 39,5 | 14 | 19 | 14 | 605302.4 |
| | | 605303.1 | 605303 | 12 | 6 | 18x1,5 | 32 | 25 | 39,5 | 17 | 22 | 14 | 605303.4 |
| | | 605304.1 | 605304 | 15 | 6 | 22x1,5 | 36 | 29 | 43,5 | 19 | 27 | 14 | 605304.4 |
| | | 605305.1 | 605305 | 18 | 6 | 26x1,5 | 36,5 | 29,5 | 44 | 24 | 32 | 14 | 605305.4 |
| | 160 | 605306.1 | 605306 | 22 | 6 | 30x2 | 37,5 | 30,5 | 45 | 27 | 36 | 14 | 605306.4 |
| | | 605307.1 | 605307 | 28 | 6 | 36x2 | 38,5 | 31,5 | 46 | 32 | 41 | 14 | 605307.4 |
| | | 605308.1 | 605308 | 35 | 6 | 45x2 | 44 | 37 | 51,5 | 41 | 50 | 14 | 605308.4 |
| | | 605309.1 | 605309 | 42 | 6 | 52x2 | 45 | 38 | 52,5 | 50 | 60 | 14 | 605309.4 |
| | 315 | 605310.1 | 605310 | 10 | 8 | 16x1,5 | 32 | 25 | 40 | 14 | 19 | 17 | 605310.4 |
| | | 605311.1 | 605311 | 12 | 8 | 18x1,5 | 32 | 25 | 40 | 17 | 22 | 17 | 605311.4 |
| | | 605312.1 | 605312 | 15 | 8 | 22x1,5 | 36 | 29 | 44 | 19 | 27 | 17 | 605312.4 |
| | | 605313.1 | 605313 | 18 | 8 | 26x1,5 | 36,5 | 29,5 | 44,5 | 24 | 32 | 17 | 605313.4 |
| | 160 | 605314.1 | 605314 | 22 | 8 | 30x2 | 37,5 | 30,5 | 45,5 | 27 | 36 | 17 | 605314.4 |
| | | 605315.1 | 605315 | 28 | 8 | 36x2 | 38,5 | 31,5 | 46,5 | 32 | 41 | 17 | 605315.4 |
| | | 605316.1 | 605316 | 35 | 8 | 45x2 | 44 | 37 | 52 | 41 | 50 | 17 | 605316.4 |
| | | 605317.1 | 605317 | 42 | 8 | 52x2 | 45 | 38 | 53 | 50 | 60 | 17 | 605317.4 |
| | 315 | 605318.1 | 605318 | 12 | 10 | 18x1,5 | 33 | 26 | 41 | 17 | 22 | 19 | 605318.4 |
| | | 605319.1 | 605319 | 15 | 10 | 22x1,5 | 37 | 30 | 45 | 19 | 27 | 19 | 605319.4 |
| | | 605320.1 | 605320 | 18 | 10 | 26x1,5 | 37,5 | 30,5 | 45,5 | 24 | 32 | 19 | 605320.4 |
| | 160 | 605321.1 | 605321 | 22 | 10 | 30x2 | 38,5 | 31,5 | 46,5 | 27 | 36 | 19 | 605321.4 |
| | | 605322.1 | 605322 | 28 | 10 | 36x2 | 39,5 | 32,5 | 47,5 | 32 | 41 | 19 | 605322.4 |
| | | 605323.1 | 605323 | 35 | 10 | 45x2 | 45 | 38 | 53 | 41 | 50 | 19 | 605323.4 |
| | | 605324.1 | 605324 | 42 | 10 | 52x2 | 46 | 39 | 54 | 50 | 60 | 19 | 605324.4 |
| | 315 | 605325.1 | 605325 | 15 | 12 | 22x1,5 | 37 | 30 | 44,5 | 19 | 27 | 22 | 605325.4 |
| | | 605326.1 | 605326 | 18 | 12 | 26x1,5 | 37,5 | 30,5 | 45 | 24 | 32 | 22 | 605326.4 |
| | 160 | 605327.1 | 605327 | 22 | 12 | 30x2 | 38,5 | 31,5 | 46 | 27 | 36 | 22 | 605327.4 |
| | | 605328.1 | 605328 | 28 | 12 | 36x2 | 39,5 | 32,5 | 47 | 32 | 41 | 22 | 605328.4 |
| | | 605329.1 | 605329 | 35 | 12 | 45x2 | 45 | 38 | 52,5 | 41 | 50 | 22 | 605329.4 |
| | | 605330.1 | 605330 | 42 | 12 | 52x2 | 46 | 39 | 53,5 | 50 | 60 | 22 | 605330.4 |
| | 315 | 605331.1 | 605331 | 18 | 15 | 26x1,5 | 38,5 | 31,5 | 46,5 | 24 | 32 | 27 | 605331.4 |
| | 160 | 605332.1 | 605332 | 22 | 15 | 30x2 | 38,5 | 31,5 | 46,5 | 27 | 36 | 27 | 605332.4 |
| | | 605333.1 | 605333 | 28 | 15 | 36x2 | 40,5 | 33,5 | 48,5 | 32 | 41 | 27 | 605333.4 |
| | | 605334.1 | 605334 | 35 | 15 | 45x2 | 46 | 39 | 54 | 41 | 50 | 27 | 605334.4 |
| | | 605335.1 | 605335 | 42 | 15 | 52x2 | 47 | 40 | 55 | 50 | 60 | 27 | 605335.4 |
| | | 605336.1 | 605336 | 22 | 18 | 30x2 | 39,5 | 32 | 48,5 | 27 | 36 | 32 | 605336.4 |
| | | 605337.1 | 605337 | 28 | 18 | 36x2 | 40,5 | 33 | 49,5 | 32 | 41 | 32 | 605337.4 |
| | | 605338.1 | 605338 | 35 | 18 | 45x2 | 46 | 38,5 | 55 | 41 | 50 | 32 | 605338.4 |
| | | 605339.1 | 605339 | 42 | 18 | 52x2 | 47 | 39,5 | 56 | 50 | 60 | 32 | 605339.4 |
| | | 605340.1 | 605340 | 28 | 22 | 36x2 | 42,5 | 35 | 51,5 | 32 | 41 | 36 | 605340.4 |
| | | 605341.1 | 605341 | 35 | 22 | 45x2 | 48 | 40,5 | 57 | 41 | 50 | 36 | 605341.4 |
| | | 605342.1 | 605342 | 42 | 22 | 52x2 | 49 | 41,5 | 58 | 50 | 60 | 36 | 605342.4 |
| | | 605343.1 | 605343 | 35 | 28 | 45x2 | 48 | 40,5 | 57 | 41 | 50 | 41 | 605343.4 |
| | | 605344.1 | 605344 | 42 | 28 | 52x2 | 49 | 41,5 | 58 | 50 | 60 | 41 | 605344.4 |
| | | 605345.1 | 605345 | 42 | 35 | 52x2 | 51 | 40,5 | 62 | 50 | 60 | 50 | 605345.4 |

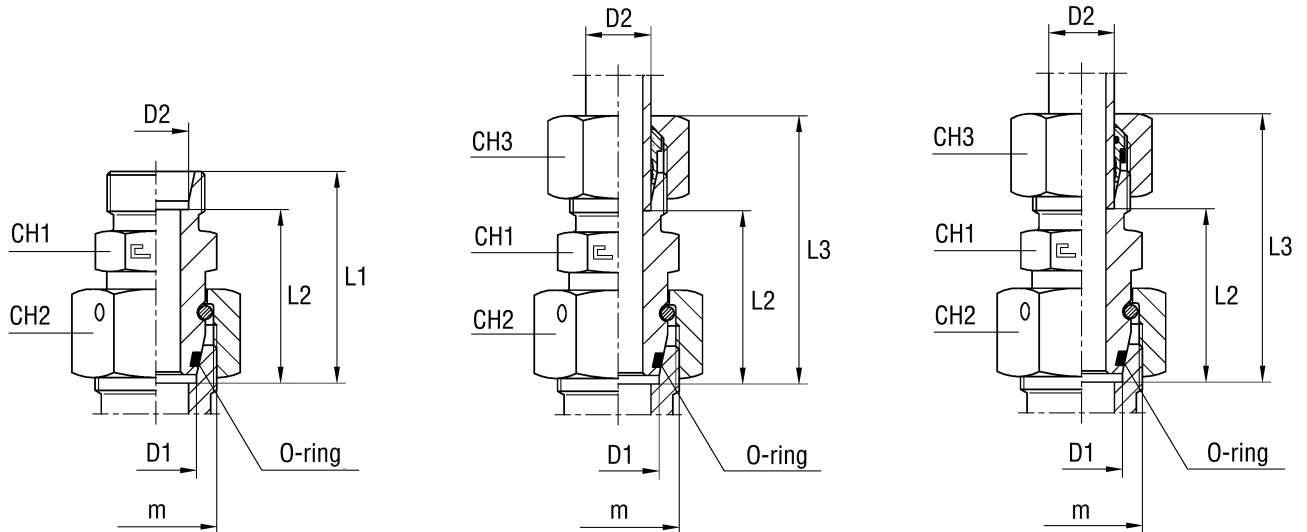
Note: If you wish to order a fitting in stainless steel, please change the first two digit from 60.. to 61..

REDUCING TUBE ADAPTER WITH SWIVEL NUT S SERIES

Type: 6054...1 Only Body

Type: 6054... B3 Ring

Type: 6054...4 B4 Ring



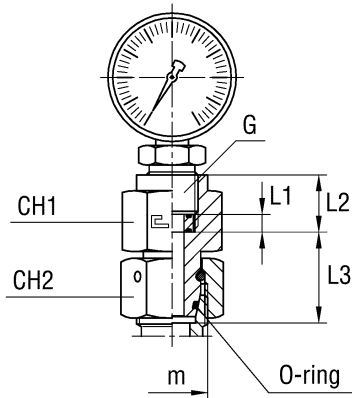
| Serie | Bar | Ordering Body | Ordering Equipped B3 | D1 | D2 | m | L1 | L2 | L3 | CH1 | CH2 | CH3 | Ordering Equipped B4 |
|-------|-----|---------------|----------------------|----|----|--------|------|------|------|-----|-----|-----|----------------------|
| S | 630 | 605401.1 | 605401 | 8 | 6 | 16x1,5 | 36 | 29 | 44 | 14 | 19 | 17 | 605401.4 |
| | | 605402.1 | 605402 | 10 | 6 | 18x1,5 | 38,5 | 31,5 | 46,5 | 17 | 22 | 17 | 605402.4 |
| | | 605403.1 | 605403 | 12 | 6 | 20x1,5 | 38 | 31 | 46 | 17 | 24 | 17 | 605403.4 |
| | | 605404.1 | 605404 | 14 | 6 | 22x1,5 | 41 | 34 | 49 | 19 | 27 | 17 | 605404.4 |
| | 400 | 605405.1 | 605405 | 16 | 6 | 24x1,5 | 45,5 | 38,5 | 53,5 | 22 | 30 | 17 | 605405.4 |
| | | 605406.1 | 605406 | 20 | 6 | 30x2 | 48 | 41 | 56 | 27 | 36 | 17 | 605406.4 |
| | | 605407.1 | 605407 | 25 | 6 | 36x2 | 52,5 | 45,5 | 60,5 | 32 | 46 | 17 | 605407.4 |
| | | 605408.1 | 605408 | 30 | 6 | 42x2 | 57 | 50 | 65 | 41 | 50 | 17 | 605408.4 |
| | 315 | 605409.1 | 605409 | 38 | 6 | 52x2 | 59 | 52 | 67 | 50 | 60 | 17 | 605409.4 |
| | 630 | 605410.1 | 605410 | 10 | 8 | 18x1,5 | 38 | 31 | 46 | 17 | 22 | 19 | 605410.4 |
| | | 605411.1 | 605411 | 12 | 8 | 20x1,5 | 38 | 31 | 46 | 17 | 24 | 19 | 605411.4 |
| | | 605412.1 | 605412 | 14 | 8 | 22x1,5 | 41 | 34 | 49 | 19 | 27 | 19 | 605412.4 |
| | 400 | 605413.1 | 605413 | 16 | 8 | 24x1,5 | 45,5 | 38,5 | 53,5 | 22 | 30 | 19 | 605413.4 |
| | | 605414.1 | 605414 | 20 | 8 | 30x2 | 48 | 41 | 56 | 27 | 36 | 19 | 605414.4 |
| | | 605415.1 | 605415 | 25 | 8 | 36x2 | 52,5 | 45,5 | 60,5 | 32 | 46 | 19 | 605415.4 |
| | | 605416.1 | 605416 | 30 | 8 | 42x2 | 57 | 50 | 65 | 41 | 50 | 19 | 605416.4 |
| | 315 | 605417.1 | 605417 | 38 | 8 | 52x2 | 59 | 52 | 67 | 50 | 60 | 19 | 605417.4 |
| | 630 | 605418.1 | 605418 | 12 | 10 | 20x1,5 | 38 | 30,5 | 46,5 | 19 | 24 | 22 | 605418.4 |
| | | 605419.1 | 605419 | 14 | 10 | 22x1,5 | 41 | 33,5 | 49,5 | 19 | 27 | 22 | 605419.4 |
| | 400 | 605420.1 | 605420 | 16 | 10 | 24x1,5 | 45,5 | 38 | 54 | 22 | 30 | 22 | 605420.4 |
| | | 605421.1 | 605421 | 20 | 10 | 30x2 | 48 | 40,5 | 56,5 | 27 | 36 | 22 | 605421.4 |
| | | 605422.1 | 605422 | 25 | 10 | 36x2 | 52,5 | 45 | 61 | 32 | 46 | 22 | 605422.4 |
| | 250 | 605423.1 | 605423 | 30 | 10 | 42x2 | 57 | 49,5 | 65,5 | 41 | 50 | 22 | 605423.4 |
| | | 605424.1 | 605424 | 38 | 10 | 52x2 | 59 | 51,5 | 67,5 | 50 | 60 | 22 | 605424.4 |
| | 630 | 605425.1 | 605425 | 14 | 12 | 22x1,5 | 43 | 35,5 | 51,5 | 22 | 27 | 24 | 605425.4 |
| | 400 | 605426.1 | 605426 | 16 | 12 | 24x1,5 | 45,5 | 38 | 54 | 22 | 30 | 24 | 605426.4 |
| | | 605427.1 | 605427 | 20 | 12 | 30x2 | 48 | 40,5 | 56,5 | 27 | 36 | 24 | 605427.4 |
| | | 605428.1 | 605428 | 25 | 12 | 36x2 | 52,5 | 45 | 61 | 32 | 46 | 24 | 605428.4 |
| | | 605429.1 | 605429 | 30 | 12 | 42x2 | 57 | 49,5 | 65,5 | 41 | 50 | 24 | 605429.4 |
| | 315 | 605430.1 | 605430 | 38 | 12 | 52x2 | 59 | 51,5 | 67,5 | 50 | 60 | 24 | 605430.4 |
| | 400 | 605431.1 | 605431 | 16 | 14 | 24x1,5 | 47,5 | 39,5 | 57,5 | 24 | 30 | 27 | 605431.4 |
| | | 605432.1 | 605432 | 20 | 14 | 30x2 | 50 | 42 | 60 | 27 | 36 | 27 | 605432.4 |
| | | 605433.1 | 605433 | 25 | 14 | 36x2 | 54,5 | 46,5 | 64,5 | 32 | 46 | 27 | 605433.4 |
| | 250 | 605434.1 | 605434 | 30 | 14 | 42x2 | 59 | 51 | 69 | 41 | 50 | 27 | 605434.4 |
| | | 605435.1 | 605435 | 38 | 14 | 52x2 | 61 | 53 | 71 | 50 | 60 | 27 | 605435.4 |
| | 400 | 605436.1 | 605436 | 20 | 16 | 30x2 | 50 | 41,5 | 60 | 27 | 36 | 30 | 605436.4 |
| | | 605437.1 | 605437 | 25 | 16 | 36x2 | 54,5 | 46 | 64,5 | 32 | 46 | 30 | 605437.4 |
| | | 605438.1 | 605438 | 30 | 16 | 42x2 | 59 | 50,5 | 69 | 41 | 50 | 30 | 605438.4 |
| | 315 | 605439.1 | 605439 | 38 | 16 | 52x2 | 61 | 52,5 | 71 | 50 | 60 | 30 | 605439.4 |
| | 400 | 605440.1 | 605440 | 25 | 20 | 36x2 | 56,5 | 46 | 67,5 | 32 | 46 | 36 | 605440.4 |
| | | 605441.1 | 605441 | 30 | 20 | 42x2 | 61 | 50,5 | 72 | 41 | 50 | 36 | 605441.4 |
| | | 605442.1 | 605442 | 38 | 20 | 52x2 | 63 | 52,5 | 74 | 50 | 60 | 36 | 605442.4 |
| | | 605443.1 | 605443 | 30 | 25 | 42x2 | 63 | 51 | 75 | 41 | 50 | 46 | 605443.4 |
| | 315 | 605444.1 | 605444 | 38 | 25 | 52x2 | 65 | 53 | 77 | 50 | 60 | 46 | 605444.4 |
| | | 605445.1 | 605445 | 38 | 30 | 52x2 | 67 | 53,5 | 80 | 50 | 60 | 50 | 605445.4 |

Note: If you wish to order a fitting in stainless steel, please change the first two digit from 60.. to 61..

GAUGE COUPLING WITH SWIVEL NUT Thread BSP Parallel

Type: **6060..** Complete

With o-ring ferrule



| Serie | Bar | Ordering Complete | Ø Tube | G | m | L1 | L2 | L3 | CH1 | CH2 |
|-------|-----|-------------------|--------|-----|--------|-----|------|------|-----|-----|
| L | 315 | 606004 | 6 | 1/4 | 12x1,5 | 4,5 | 14,5 | 21,5 | 19 | 14 |
| | | 606005 | 8 | 1/4 | 14x1,5 | 4,5 | 14,5 | 21,5 | 19 | 17 |
| | | 606006 | 10 | 1/4 | 16x1,5 | 4,5 | 14,5 | 22 | 19 | 19 |
| | | 606007 | 12 | 1/4 | 18x1,5 | 4,5 | 14,5 | 22 | 19 | 22 |
| S | 630 | 606014 | 6 | 1/2 | 14x1,5 | 5 | 20 | 23 | 30 | 17 |
| | | 606015 | 8 | 1/2 | 16x1,5 | 5 | 20 | 23,5 | 30 | 19 |
| | | 606016 | 10 | 1/2 | 18x1,5 | 5 | 20 | 24 | 30 | 22 |
| | | 606017 | 12 | 1/2 | 20x1,5 | 5 | 20 | 24 | 30 | 24 |

Note: If you wish to order a fitting in stainless steel, please change the first two digit from **60..** to **61..**
 Articles not included in ISO 8434-1 norm available on request only
 Gauge not included