

Balflex[®]

Balfit 24° Compression Ring Hydraulic Pipe Fittings

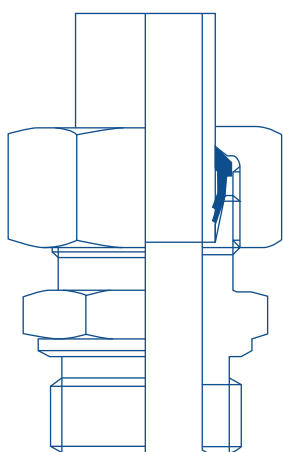


GESFLUID



Balfit 24° Compression Ring Hydraulic Pipe Fittings

The range of Balfit® 24° compression ring hydraulic pipe fittings is produced according to ISO 8434-1 and DIN 2353 standards. It covers a very wide variety of applications typical of hydraulic pipe pressure lines.



Balflex® optimized the production of these fittings and their compatibility with a wide range of other types of hydraulic fittings, in order to assure the highest performance and the most extensive range of applications, including BSP and taper threads included in DIN 2353 and not included in ISO 8434-1, as well NPTFF threads and banjos not foreseen in both standards, but common in industrial standards. The Balfit® hydraulic fittings program in this catalogue includes thus complete fittings (body, cutting ring and nut) with:

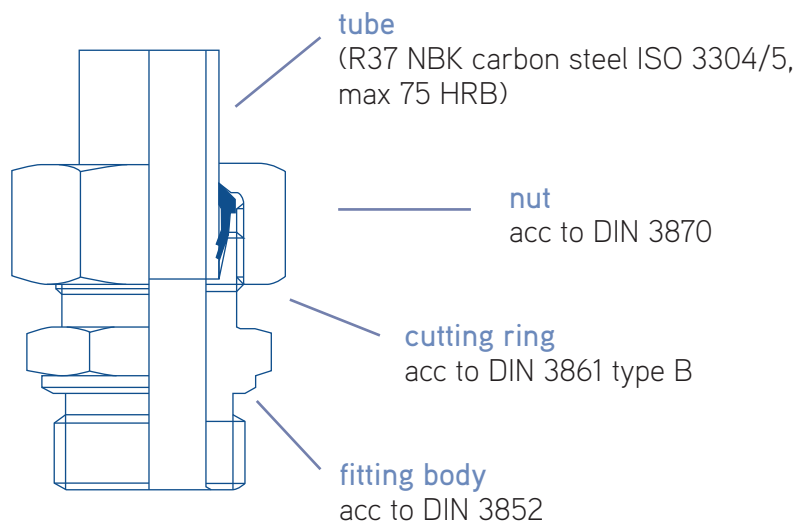
- metric parallel
- BSP parallel and taper threads
- NPTFF threads
- UNF threads

Compression ring operation principle

The compression ring (also called cutting ring) mechanical fittings assure assembly of threaded fittings to removable hydraulic tubes without any need of tapping, welding or flaring. It provides maximum assembly simplicity with perfect sealing characteristics.

Sealing is achieved through permanent deformation of the tube. The compression ring is designed to fit on the tube and into the 24° cone of the fitting body. When the nut is tightened the ring is compressed into the cone and its cutting edge bites into the tube, assuring through deformation of the tube outer wall both securement and sealing.

Balfit® compression ring fittings use DIN 3861 type B compression rings, with 2 cutting edges. This design has the advantage of providing a better balance of forces, superior sealing and added resistance to vibrations.



Assembly Instructions

The preparation sequence comprises the following 3 steps:

- The tube is cut square with a hack-saw (roller type saws should be avoided), leaving a straight section for assembly of the fitting with at least twice the length of the nut; the tube edges must be de-burred.
- All contact parts (e.g. the 24° cone, the threads and the ring) must be lubricated with an adequate product.
- The nut and the compression ring are inserted up the tube as in the picture above; the larger diameter of the ring must face the nut in order that the cutting edges will face the 24° cone of the fitting body.

Tubes shall conform to ISO 3304/5 R37 NBK or DIN 1630 St 37.4, with maximum hardness of HRB 75. Light wall tubes may require an insert.

Assembly should follow the instructions of DIN 3859 part 2 and is also a 3-step procedure:

- the cutting ring is made to bite the tube;
- the correct seating of the cutting ring is verified;
- the assembly is tightened.

The first step can be made either on the final application placement, using standard fitting body, or as a pre-assembly on a workbench using a specific hardened tool with the 24° cone form. The wear of pre-assembly tools has to be verified every 40 to 50 assemblies. Large diameter tubes (Ø 10 mm) should always be pre-assembled using hardened blocks. If standard fitting bodies are used, they should be replaced with each tightening.

Assembly using hardened tools comprises:

- To make the compression ring bite into the tube (step 1), hold the tube firmly against the 24° cone and tighten the nut 3/4 of a turn.
- Loosen the nut to verify (step 2) that the compression ring edges have cut into the tube (a raised edge of tube material must be clearly visible all around the tube in front of the compression ring).
- Tighten the tube on the pressure line (step 3) until resistance is met (which means that the previous tightening position is found); turn the nut another 1/4 of a turn for optimal pressure resistance.



Note: In step one make sure that the tube is hold firmly against the cone; otherwise it will advance with the nut and the ring will not cut into its surface. Make sure also that the tube does not rotate with the nut. In a successful pre-assembly the ring may still be turned around the tube, although not moving from its placement. If the ring is not correctly secured the process has to be restarted.

Assembly on the final placement with standard fittings comprises:

- a) To make the compression ring bite into the tube (step 1), hold the tube firmly against the 24° cone tighten the nut by hand against the ring and then tighten the nut 11/2 turns with two wrenches.
- b) Loosen the nut to verify (step 2) that the compression ring edges have cut into the tube (a raised edge of tube material must be clearly visible all around the tube in front of the compression ring).
- c) Tighten the nut again (step 3) with the same force as in step 1.

Technical Characteristics

The **Balfit®** compression ring fittings in carbon steel are designed for petroleum based hydraulic fluids applications with a **temperature range of -20°C to +100°C**. These limits may be exceeded using other construction materials for the fittings bodies and sealing rings. Stainless steel variants of the fittings with viton seals, achieving maximum temperatures of 200° C, are listed in the catalogue pages. If other fluids are used, corrosion resistance of the fittings should be verified before application.

Pressure classes for **Balfit®** compression ring fittings follow ISO and DIN standards classification in

- **L** for light duty fittings, with a maximum working pressure of 31,5 MPa (4500 PSI); and
- **S** for heavy duty fittings, with a maximum working pressure of 63 MPa (9000 PSI).

The **safety factor of 4:1** relating minimum burst pressure to recommended working pressure applies. The working pressure for each fitting and size is listed in the catalogue pages for working temperature of 20° C. A linear de-rating factor of 12%/100°C should be used for higher working temperatures.

Compression ring fittings have good resistance to vibration. However, in presence of fluid hammering, the heavy duty fittings should be used.

Cylindrical and taper threads should be used always matched. In case of cylindrical threads used against softer materials, gasket type should always be preferred, to guarantee sealing even at low torque values.

Hose Fittings Pressure Ratings

For each type of fitting there is a maximum working pressure recommended in table below. Whenever information is not available, contact the manufacturer.

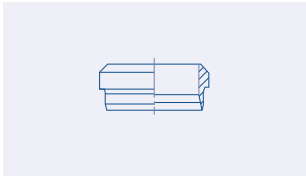
Inch Fittings (size)													
Maximum Working pressure (MPa/psi) – safety factor 4:1													
Description	Part Number	-2	-3	-4	-5	-6	-8	-10	-12	-16	-20	-24	-32
NPTF Male	XX.0400 XX.0410 XX.0490	34.5 5000		27.6 4000		20.7 3000	20.7 3000		17.2 2500	13.8 2000	7.9 1150	6.9 1000	6.9 1000
BSP Male	XX.0100	42.0 6090		45.0 6525		40.0 5800	40.0 5800	40.0 5800	38.0 5510	34.5 5003	24.0 3480	21.0 3045	17.2 2494

Metric Tube (mm) – Light Serie "L"											
Maximum Working pressure (MPa/psi) – safety factor 4:1											
Description	Part Number	6	8	10	12	15	18	22	28	35	42
Metric Male	XX.1000	25.0 3625	25.0 3625	25.0 3625	25.0 3625	25.0 3625	16.0 2320	16.0 2320	10.0 1450	10.0 1450	10.0 1450
Metric Swivel Female with O-ring	XX.5013 XX.5043 XX.5093	25.0 3625	25.0 3625	25.0 3625	25.0 3625	25.0 3625	16.0 2320	16.0 2320	10.0 1450	10.0 1450	10.0 1450

Metric Tube (mm) – Heavy Serie "S"											
Maximum Working pressure (MPa/psi) – safety factor 4:1											
Description	Part Number	6	8	10	12	14	16	20	25	30	38
Metric Male	XX.1100	63.0 9135	63.0 9135	63.0 9135	63.0 9135	63.0 9135	40.0 5800	40.0 5800	40.0 5800	25.0 3625	25.0 3625
Metric Swivel Female with O-ring	XX.5113 XX.5143 XX.5193	63.0 9135	63.0 9135	63.0 9135	63.0 9135	63.0 9135	40.0 5800	40.0 5800	40.0 5800	25.0 3625	25.0 3625

The Working Pressure of the hose assembly shall be the lower of the pressures given for its sizes in the fittings standards and in the the relevant hose specification.

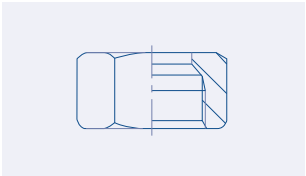
Nut, Ring & Locknut



**24° Double Edge
Compression Ring**

34.101

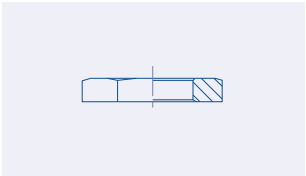
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Tightening Nut

34.102

pag. 17

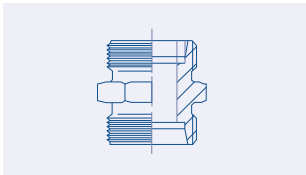


Metric Bulkhead Nut

34.179

pag. 18

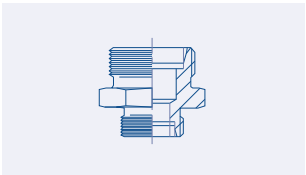
Tube to Tube



**Straight Union
Tube Connector**

34.135

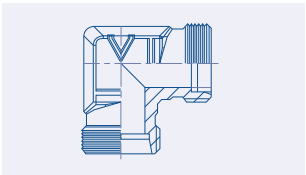
pag. 19



**Straight Reducing
Union Tube Connector**

34.141

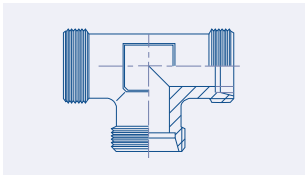
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**90° Elbow Union
Tube Connector**

34.138

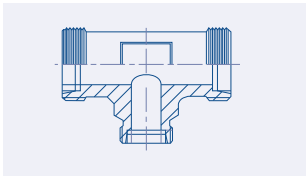
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**Tee Union
Tube Connector**

34.139

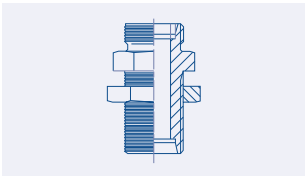
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**Tee Reducing Union
Tube Connector**

34.145

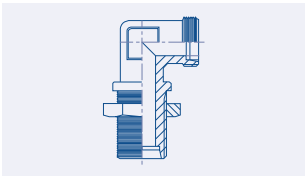
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**Straight Bulkhead
Union Tube Connector**

34.136

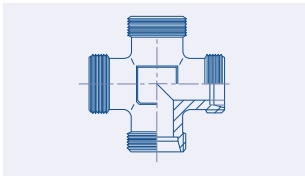
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**90° Elbow Bulkhead
Union Tube Connector**

34.137

pag. 26

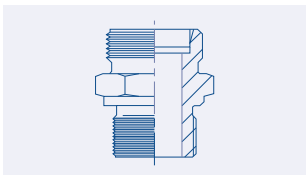


**Cross Union
Tube Connector**

34.140

pag. 27

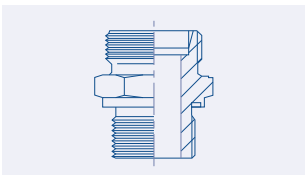
Male Stud Tube Connectors



**BSP Parallel Male
Tube Connector**

34.103

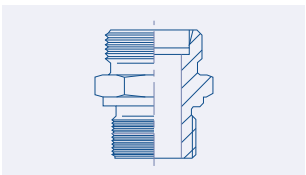
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**BSP Parallel Male
Tube Connector with
Elastomeric Seal**

34.105

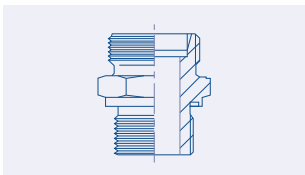
pag. 30



**Metric Male
Tube Connector**

34.104

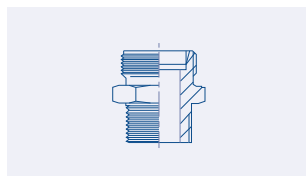
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**Metric Male Tube
Connector with
Elastomeric Seal**

34.106

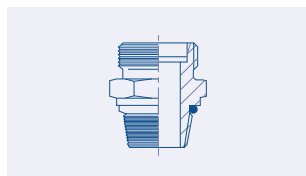
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**BSPT Tapered Male
Tube Connector**

34.117

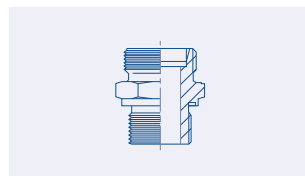
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**NPTF Male
Tube Connector**

34.118

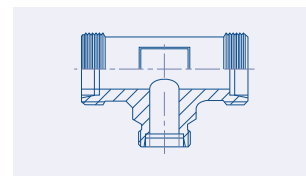
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**UNF Male
Tube Connector**

34.161

pag. 37

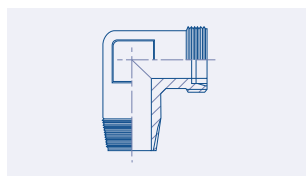


**Swivel Reducing
Tube Connector**

34.153

pag. 38

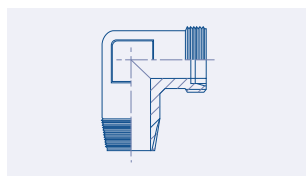
Elbow Male Tube Connectors



**BSPT Tapered 90° Elbow
Male Tube Connector**

34.120

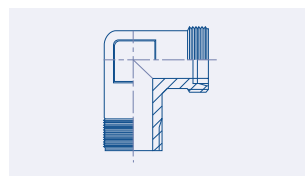
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**NPTF Tapered 90°
Elbow Male Tube
Connector**

34.121

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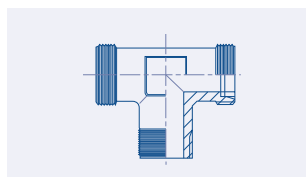


**Metric 90° Elbow
Male Tube Connector**

34.124

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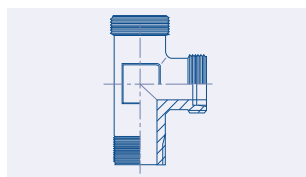
Tee Tube Connectors



**BSPT Male Tapered
Branch Tee Tube
Connector**

34.125

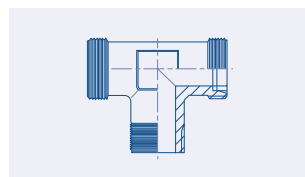
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**BSPT Male Tapered
Run Tee Tube Connector**

34.130

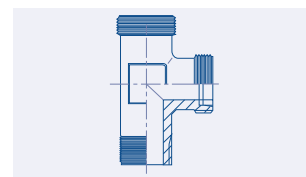
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**Metric Male Branch
Tee Tube Connector**

34.129

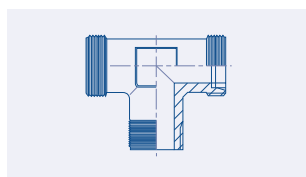
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**Metric Male Run
Tee Tube Connector**

34.134

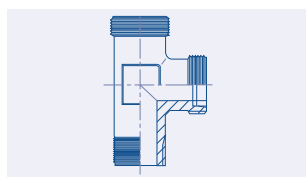
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**NPTF Male Branch
Tee Tube Connector**

34.126

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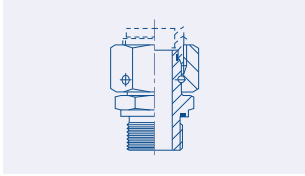


**NPTF Male Run Tee
Tube Connector**

34.127

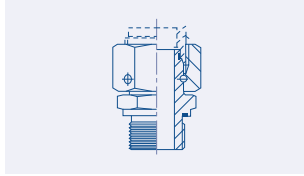
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Swivel Tube Connectors



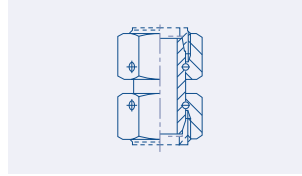
**BSP Male Swivel
Tube Connector**

34.605 pag. 49



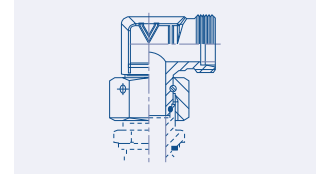
**Metric Male Swivel
Tube Connector**

34.606 pag. 50



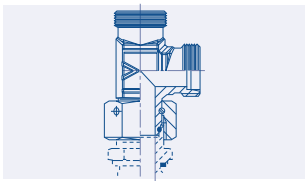
**Metric Swivel
Tube Connector**

34.635 pag. 51



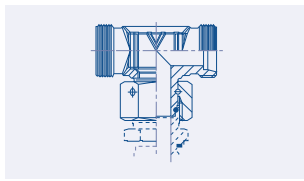
**Swivel 90° Elbow
Adjustable Tube
Connector**

34.642 pag. 52



**Swivel Run Tee
Adjustable Tube
Connector**

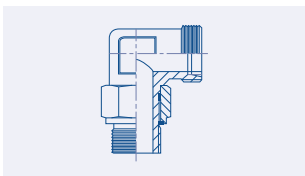
34.646 pag. 53



**Swivel Branch Tee
Adjustable Tube
Connector**

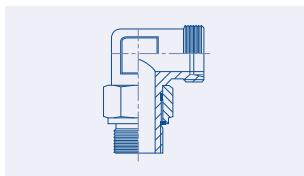
34.150 pag. 54

Adjustable Tube Connectors



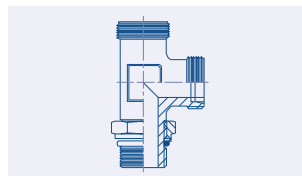
**BSP Male Adjustable 90°
Elbow Tube Connector**

34.143 pag. 55



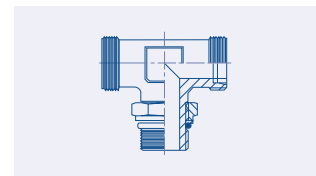
**Metric Male Adjustable 90°
Elbow Tube Connector**

34.144 pag. 56



**Metric Male Run
Tee Tube Connector**

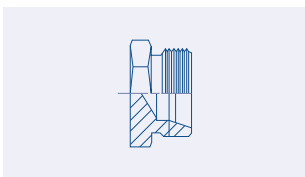
34.148 pag. 57



**Metric Male Branch
Tee Tube Connector**

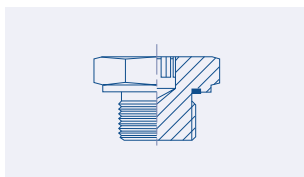
34.152 pag. 58

Plugs



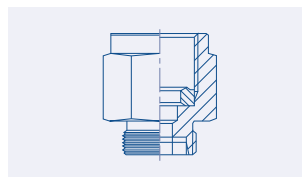
Tube Blanking Screw

34.175 pag. 59



**Metric Plug with
Hexagon Socket**

34.177 pag. 60

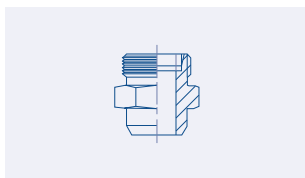


**BSP Gauge
Tube Connector**

34.159 pag. 60



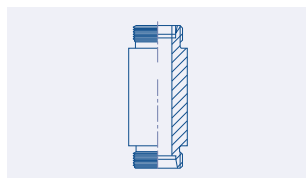
Welding Tube Connectors



**Straight Welding
Tube Connector**

34.155

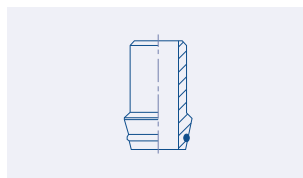
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**Bulkhead Welding
Tube Connector**

34.156

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**Welding Nipple with
O-Ring**

34.157

pag. 63

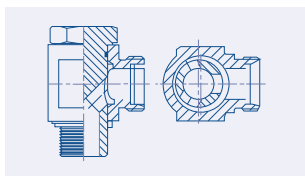


Blanking Nipple

34.158

pag. 64

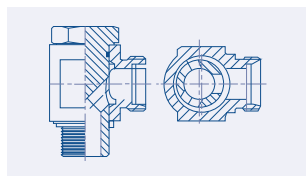
Banjo Tube Connectors



**BSP Banjo
Tube Connector**

34.113

pag. 65

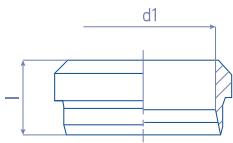


**Metric Banjo
Tube Connector**

34.114

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24° Double Edge Compression Ring



34.101

ISO 8434-1 Cutting Ring

REFERENCE	serie	dimensions (mm)	dimensions (mm)
		Ø tube d1	l
34.101.06LS	L/S	6	9.5
34.101.08LS	L/S	8	9.5
34.101.10LS	L/S	10	10.0
34.101.12LS	L/S	12	10.0
34.101.15L	L	15	10.0
34.101.18L	L	18	10.0
34.101.22L	L	22	10.5
34.101.28L	L	28	11.0
34.101.35L	L	35	13.0
34.101.42L	L	42	13.0
34.101.14S	S	14	10.0
34.101.16S	S	16	10.5
34.101.20S	S	20	12.0
34.101.25S	S	25	12.0
34.101.30S	S	30	13.0
34.101.38S	S	38	13.0

MATERIAL: Carbon Steel

FINISH: : Chromium-(VI) Free plating
with Finigard® protective coating

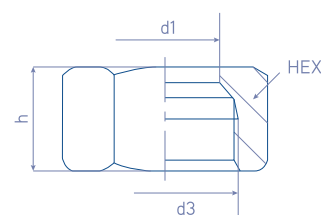
VERSIONS: Stainless Steel (add an 'S'
at the end of the REFERENCE)



Tightening Nut

34.102.

ISO 8434-1 Nut



REFERENCE	serie	dimensions (mm)		dimensions (mm)	
		Ø tube d1	H	d3	HEX
34.102.06L	L	6	14.5	12x1.5	14
34.102.08L	L	8	14.5	14x1.5	17
34.102.10L	L	10	15.5	16x1.5	19
34.102.12L	L	12	15.5	18x1.5	22
34.102.15L	L	15	17.0	22x1.5	27
34.102.18L	L	18	18.0	26x1.5	32
34.102.22L	L	22	20.0	30x2.0	36
34.102.28L	L	28	21.0	36x2.0	41
34.102.35L	L	35	24.0	45x2.0	50
34.102.42L	L	42	24.0	52x2.0	60
34.102.06S	S	6	16.5	14x1.5	17
34.102.08S	S	8	16.5	16x1.5	19
34.102.10S	S	10	17.5	18x1.5	22
34.102.12S	S	12	17.5	20x1.5	24
34.102.14S	S	14	20.5	22x1.5	27
34.102.16S	S	16	20.5	24x1.5	30
34.102.20S	S	20	24	30x2	36
34.102.25S	S	25	27	36x2	46
34.102.30S	S	30	29	42x2	50
34.102.38S	S	38	32.5	52x2	60

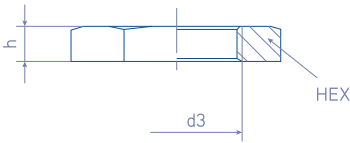
MATERIAL: Carbon Steel

FINISH: : Chromium-(VI) Free plating

VERSIONS: Stainless Steel (add an 'S' at the end of the REFERENCE)

Metric Bulkhead Nut

34.179.
ISO 8434-1 nut



REFERENCE	dimensions (mm)		
	d3	h	HEX
34.179.M12	M12x1.5	6.0	17
34.179.M14	M14x1.5	6.0	19
34.179.M16	M16x1.5	6.0	22
34.179.M18	M18x1.5	6.0	24
34.179.M20	M22x1.5	6.0	27
34.179.M22	M22x1.5	7.0	30
34.179.M24	M24x1.5	7.0	32
34.179.M26	M26x1.5	8.0	36
34.179.M30	M30x2.0	8.0	41
34.179.M36	M36x2.0	9.0	46
34.179.M42	M42x2.0	9.0	50
34.179.M45	M45x2.0	9.0	55
34.179.M52	M52x2.0	10.0	65

MATERIAL: Carbon Steel

FINISH: : Chromium-(VI) Free plating

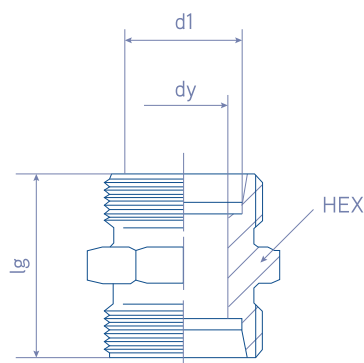
VERSIONS: Stainless Steel (add an 'S' at the end of the REFERENCE)



Straight Union Tube Connector

34.135.

ISO 8434-1 tube coupling



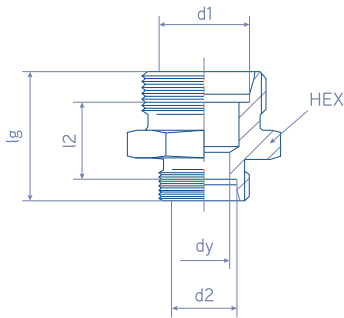
REFERENCE	serie	dimensions (mm)			
		Ø tube d1	dy	lg	HEX
34.135.06L	L	6	4	24.0	12
34.135.08L	L	8	6	25.0	14
34.135.10L	L	10	8	27.0	17
34.135.12L	L	12	10	28.0	19
34.135.15L	L	15	12	30.0	24
34.135.18L	L	18	15	31.0	27
34.135.22L	L	22	19	35.0	32
34.135.28L	L	28	24	36.0	41
34.135.35L	L	35	30	41.0	46
34.135.42L	L	42	36	43.0	55
34.135.06S	S	6	4	30.0	14
34.135.08S	S	8	5	32.0	17
34.135.10S	S	10	7	32.0	19
34.135.12S	S	12	8	34.0	22
34.135.14S	S	14	10	38.0	24
34.135.16S	S	16	12	38.0	27
34.135.20S	S	20	16	44.0	32
34.135.25S	S	25	20	50.0	41
34.135.30S	S	30	25	54.0	46
34.135.38S	S	38	32	61.0	55

MATERIAL: Carbon Steel
FINISH: : Chromium-(VI) Free plating

COMPLETE: With Double Edge Compression
Ring and Tightening Nut (add an 'P' at the
begin of REFERENCE)

VERSIONS: Stainless Steel (add an 'S'
at the end of the REFERENCE)

Straight Reducing Union Tube Connector



34.141.
ISO 8434-1 tube coupling

REFERENCE	serie	dimensions (mm)	dimensions (mm)	dimensions (mm)			
		Ø tube d1	Ø tube d2	dy	lg	l2	HEX
34.141.0806L	L	8	6	4	25.0	11.0	14
34.141.1006L	L	10	6	4	26.0	12.0	17
34.141.1008L	L	10	8	6	26.0	12.0	17
34.141.1206L	L	12	6	4	27.0	13.0	19
34.141.1208L	L	12	8	6	27.0	13.0	19
34.141.1210L	L	12	10	8	28.0	14.0	19
34.141.1510L	L	15	10	8	29.0	15.0	24
34.141.1512L	L	15	12	10	29.0	15.0	24
34.141.1810L	L	18	10	8	30.0	15.5	27
34.141.1812L	L	18	12	10	30.0	15.5	27
34.141.1815L	L	18	15	12	31.0	16.5	27
34.141.2215L	L	22	15	12	33.0	18.5	32
34.141.2218L	L	22	18	15	33.0	18.0	32
34.141.2818L	L	28	18	15	34.0	19.0	41
34.141.2822L	L	28	22	19	36.0	21.0	41
34.141.3522L	L	35	22	19	39.0	21.0	46
34.141.3528L	L	35	28	24	39.0	21.0	46
35.141.4228L	L	42	28	24	41.0	22.5	55
35.141.4235L	L	42	35	30	43.0	21.5	55
34.141.0806S	S	8	6	4	32.0	18.0	17
34.141.1006S	S	10	6	4	32.0	17.5	19
34.141.1008S	S	10	8	8	32.0	17.5	19
34.141.1206S	S	12	6	4	34.0	19.5	22
34.141.1208S	S	12	8	5	34.0	19.5	22
34.141.1210S	S	12	10	7	34.0	19.0	22
34.141.1410S	S	14	10	7	36.0	20.5	24
34.141.1412S	S	14	12	8	36.0	20.5	24
34.141.1612S	S	16	12	8	36.0	20.0	27
34.141.1614S	S	16	14	10	38.0	21.5	27
34.141.2010S	S	20	10	7	40.0	22.0	32
34.141.2012S	S	20	12	8	40.0	22.0	32
34.141.2016S	S	20	16	12	42.0	23.0	32
34.141.2516S	S	25	16	12	47.0	26.5	41
34.141.2520S	S	25	20	16	48.0	25.5	41
34.141.3020S	S	30	20	16	50.0	26.0	46
34.141.3025S	S	30	25	20	52.0	26.5	46
34.141.3830S	S	38	30	25	59.0	29.5	55

MATERIAL: Carbon Steel

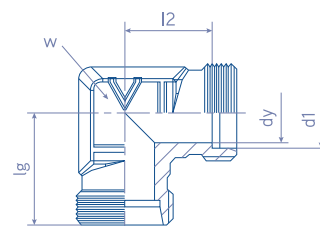
FINISH: : Chromium-(VI) Free plating

COMPLETE: With Double Edge Compression Ring and Tightening Nut (add an 'P' at the begin of REFERENCE)

VERSIONS: Stainless Steel (add an 'S' at the end of the REFERENCE)



90° Elbow Union Tube Connector



34.138.

ISO 8434-1 tube coupling

REFERENCE	serie	dimensions (mm)				
		Ø tube d1	dy	lg	l2	w
34.138.06L	L	6	4	19.0	12.0	12
34.138.08L	L	8	6	21.0	14.0	14
34.138.10L	L	10	8	22.0	15.0	17
34.138.12L	L	12	10	24.0	17.0	19
34.138.15L	L	15	12	28.0	21.0	19
34.138.18L	L	18	15	31.0	23.5	24
34.138.22L	L	22	19	35.0	27.5	27
34.138.28L	L	28	24	38.0	30.5	36
34.138.35L	L	35	30	45.0	34.5	41
34.138.42L	L	42	36	51.0	40.0	50
34.138.06S	S	6	4	23.0	16.0	14
34.138.08S	S	8	5	24.0	17.0	17
34.138.10S	S	10	7	25.0	17.5	19
34.138.12S	S	12	8	29.0	21.5	22
34.138.14S	S	14	10	30.0	22.0	19
34.138.16S	S	16	12	33.0	24.5	24
34.138.20S	S	20	16	37.0	26.5	27
34.138.25S	S	25	20	42.0	30.0	36
34.138.30S	S	30	25	49.0	35.5	41
34.138.38S	S	38	32	57.0	41.0	50

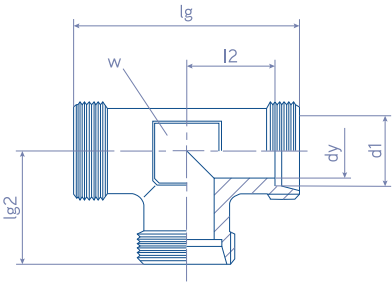
MATERIAL: Carbon Steel
FINISH: : Chromium-(VI) Free plating

COMPLETE: With Double Edge Compression
Ring and Tightening Nut (add an 'P' at the
begin of REFERENCE)

VERSIONS: Stainless Steel (add an 'S'
at the end of the REFERENCE)

Tee Union Tube Connector

34.139.
ISO 8434-1 tube coupling



REFERENCE	serie	dimensions (mm)					
		Ø tube d1	dy	lg	lg2	l2	w
34.139.06L	L	6	4	38.0	19.0	12.0	12
34.139.08L	L	8	6	42.0	21.0	14.0	14
34.139.10L	L	10	8	44.0	22.0	15.0	17
34.139.12L	L	12	10	48.0	24.0	17.0	19
34.139.15L	L	15	12	56.0	28.0	21.0	19
34.139.18L	L	18	15	62.0	31.0	23.5	24
34.139.22L	L	22	19	70.0	35.0	27.5	27
34.139.28L	L	28	24	76.0	38.0	30.5	36
34.139.35L	L	35	30	90.0	45.0	34.5	41
34.139.42L	L	42	36	102.0	51.0	40.0	50
34.139.06S	S	6	4	46.0	23.0	16.0	14
34.139.08S	S	8	5	48.0	24.0	17.0	17
34.139.10S	S	10	7	50.0	25.0	17.5	19
34.139.12S	S	12	8	58.0	29.0	21.5	22
34.139.14S	S	14	10	60.0	30.0	22.0	19
34.139.16S	S	16	12	66.0	33.0	24.5	24
34.139.20S	S	20	16	74.0	37.0	26.5	27
34.139.25S	S	25	20	84.0	42.0	30.0	36
34.139.30S	S	30	25	98.0	49.0	35.5	41
34.139.38S	S	38	32	114.0	57.0	41.0	50

MATERIAL: Carbon Steel
FINISH: : Chromium-(VI) Free plating

COMPLETE: With Double Edge Compression Ring and Tightening Nut (add an 'P' at the begin of REFERENCE)

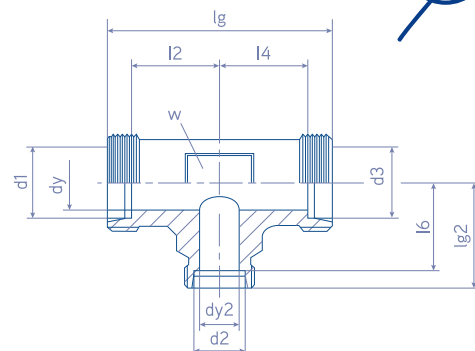
VERSIONS: Stainless Steel (add an 'S' at the end of the REFERENCE)



Tee Reducing Union Tube Connector

34.145.

ISO 8434-1 tube coupling



REFERENCE	serie	dimensions (mm)										
		Ø tube d1	Ø tube d1	Ø tube d1	dy	dy2	lg	lg2	l2	l4	l6	w
34.145.0806L	L	6	8	6	4.0	6.0	42.0	21.0	14.0	14.0	14.0	14
34.145.1006L	L	6	10	6	4.0	8.0	44.0	22.0	15.0	15.0	15.0	17
34.145.0608L	L	8	6	8	6.0	4.0	42.0	21.0	14.0	14.0	14.0	14
34.145.1008L	L	8	10	8	6.0	8.0	44.0	22.0	15.0	15.0	15.0	17
34.145.1208L	L	8	12	8	6.0	10.0	48.0	24.0	17.0	17.0	17.0	19
34.145.0610L	L	10	6	10	8.0	4.0	44.0	22.0	15.0	15.0	15.0	17
34.145.0810L	L	10	8	10	8.0	6.0	44.0	22.0	15.0	15.0	15.0	17
34.145.1210L	L	10	12	10	8.0	10.0	48.0	24.0	17.0	17.0	17.0	19
34.145.1510L	L	10	15	10	8.0	11.0	56.0	28.0	21.0	21.0	21.0	19
34.145.0612L	L	12	6	12	10.0	4.0	48.0	24.0	17.0	17.0	17.0	19
34.145.0812L	L	12	8	12	10.0	6.0	48.0	24.0	17.0	17.0	17.0	19
34.145.1012L	L	12	10	12	10.0	8.0	48.0	24.0	17.0	17.0	17.0	19
34.145.1512L	L	12	15	12	10.0	12.0	56.0	28.0	21.0	21.0	21.0	19
34.145.1812L	L	12	18	12	10.0	15.0	62.0	31.0	24.0	24.0	24.0	24
34.145.2212L	L	12	22	12	10.0	19.0	70.0	35.0	28.0	28.0	28.0	27
34.145.1015L	L	15	10	15	12.0	8.0	56.0	28.0	21.0	21.0	21.0	19
34.145.1215L	L	15	12	15	12.0	10.0	56.0	28.0	21.0	21.0	21.0	19
34.145.1815L	L	15	18	15	12.0	15.0	62.0	31.0	24.0	24.0	24.0	24
34.145.2215L	L	15	22	15	12.0	19.0	70.0	35.0	28.0	28.0	27.5	27
34.145.1018L	L	18	10	18	15.0	8.0	62.0	31.0	23.5	23.5	24.0	24
34.145.1218L	L	18	12	18	15.0	10.0	62.0	31.0	23.5	23.5	24.0	24
34.145.1518L	L	18	15	18	15.0	12.0	62.0	31.0	23.5	23.5	24.0	24
34.145.2218L	L	18	22	18	15.0	19.0	70.0	35.0	27.5	27.5	27.5	27
34.145.1222L	L	22	12	22	19.0	10.0	70.0	35.0	27.5	27.5	28.0	27
34.145.1522L	L	22	15	22	19.0	12.0	70.0	35.0	27.5	27.5	28.0	27
34.145.1822L	L	22	18	22	19.0	15.0	70.0	35.0	27.5	27.5	27.5	27
34.145.2822L	L	22	28	22	19.0	24.0	76.0	38.0	30.5	30.5	30.5	36
34.145.1528L	L	28	15	28	24.0	12.0	76.0	38.0	30.5	30.5	31.0	36
34.145.1828L	L	28	18	28	24.0	15.0	76.0	38.0	30.5	30.5	30.5	36
34.145.2228L	L	28	22	28	24.0	19.0	76.0	38.0	30.5	30.5	30.5	36

REFERENCE	serie	dimensions (mm)										
		Ø tube d1	Ø tube d1	Ø tube d1	dy	dy2	lg	lg2	l2	l4	l6	w
34.145.3528L	L	28	35	28	24.0	30.0	90.0	45.0	37.5	37.5	34.5	41
34.145.4228L	L	28	42	28	24.0	36.0	102.0	51.0	43.5	43.5	40.0	50
34.145.3835L	L	35	28	35	30.0	24.0	90.0	45.0	34.5	34.5	37.5	41
34.145.4235L	L	35	42	35	30.0	36.0	102.0	51.0	40.5	40.5	40.0	50
34.145.2242L	L	42	22	42	36.0	19.0	102.0	51.0	40.0	40.0	43.5	50
34.145.2842L	L	42	28	42	36.0	24.0	102.0	51.0	40.0	40.0	43.5	50
34.145.0610S	S	10	6	10	7.0	4.0	50.0	25.0	17.5	17.5	18.0	19
34.145.0812S	S	12	8	12	8.0	5.0	58.0	29.0	21.5	21.5	22.0	22
34.145.1012S	S	12	10	12	8.0	7.0	58.0	19.0	21.5	21.5	21.5	22
34.145.1612S	S	12	16	12	8.0	12.0	66.0	33.0	24.5	24.5	24.5	24
34.145.0816S	S	16	8	16	12.0	5.0	66.0	33.0	24.5	24.5	26.0	24
34.145.1016S	S	16	10	16	12.0	7.0	66.0	33.0	24.5	24.5	25.5	24
34.145.1216S	S	16	12	16	12.0	8.0	66.0	33.0	24.5	24.5	25.5	24
34.145.2016S	S	16	20	16	12.0	16.0	74.0	37.0	28.5	28.5	26.5	27
34.145.1020S	S	20	10	20	16.0	7.0	74.0	37.0	26.5	26.5	29.5	27
34.145.1220S	S	20	12	20	16.0	8.0	74.0	37.0	26.5	26.5	29.5	27
34.145.1620S	S	20	16	20	16.0	12.0	74.0	37.0	26.5	26.5	28.5	27
34.145.2520S	S	20	25	20	16.0	20.0	84.0	42.0	31.5	31.5	30.0	36
34.145.1225S	S	25	12	25	20.0	8.0	84.0	42.0	30.0	30.0	34.5	36
34.145.1625S	S	25	16	25	20.0	12.0	84.0	42.0	30.0	30.0	33.5	36
34.145.1825S	S	25	18	25	20.0	15.0	84.0	42.0	30.0	30.0	34.5	36
34.145.2025S	S	25	20	25	20.0	16.0	84.0	42.0	30.0	30.0	31.5	36
34.145.3025S	S	25	30	25	20.0	25.0	98.0	49.0	37.0	37.0	35.5	41
34.145.1630S	S	30	16	30	25.0	12.0	98.0	49.0	35.5	35.5	40.5	41
34.145.2030S	S	30	20	30	25.0	16.0	98.0	49.0	35.5	35.5	38.5	41
34.145.1638S	S	38	16	38	32.0	12.0	114.0	57.0	41.0	41.0	48.5	50
34.145.2538S	S	38	25	38	32.0	20.0	114.0	57.0	41.0	41.0	45.0	50

MATERIAL: Carbon Steel
FINISH: Chromium-(VI) Free plating

COMPLETE: With Double Edge Compression Ring and Tightening Nut (add an 'P' at the begin of REFERENCE)

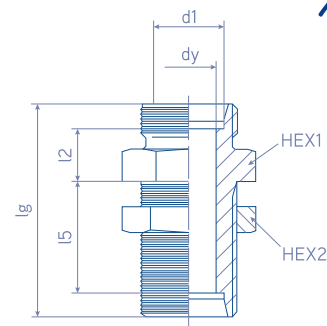
VERSIONS: Stainless Steel (add an 'S' at the end of the REFERENCE)



Straight Bulkhead Union Tube Connector

34.136.

ISO 8434-1 tube coupling



REFERENCE	serie	dimensions (mm)						
		Ø tube d1	dy	lg	l2	l5	HEX 1	HEX 2
34.136.06L M12	L	6	4	48.0	7.0	27.0	17	17
34.136.08L M14	L	8	6	49.0	8.0	27.0	19	19
34.136.10L M16	L	10	8	52.0	10.0	28.0	22	22
34.136.12L M18	L	12	10	53.0	10.0	29.0	24	24
34.136.15L M22	L	15	12	57.0	12.0	31.0	27	27
34.136.18L M26	L	18	15	61.0	13.5	32.5	32	32
34.136.22L M30	L	22	19	66.0	16.5	34.5	36	36
34.136.28L M36	L	28	24	69.0	18.5	35.5	41	41
34.136.35L M45	L	35	30	76.0	18.5	36.5	50	50
34.136.42L M52	L	42	36	77.0	19.0	36.0	60	60
34.136.06S M14	S	6	4	55.0	12.0	29.0	19	19
34.136.08S M16	S	8	5	56.0	13.0	29.0	22	22
34.136.10S M18	S	10	7	59.0	14.5	29.5	24	24
34.136.12S M20	S	12	8	60.0	14.5	30.5	27	27
34.136.14S M22	S	14	10	65.0	17.0	32.0	30	30
34.136.16S M24	S	16	12	65.0	16.5	31.5	32	32
34.136.20S M30	S	20	16	72.0	17.5	33.5	41	41
34.136.25S M36	S	25	20	79.0	20.0	35.0	46	46
34.136.30S M42	S	30	25	86.0	21.5	37.5	50	50
34.136.38S M52	S	38	32	91.0	22.0	37.0	65	65

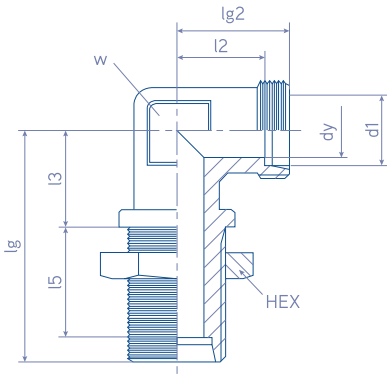
MATERIAL: Carbon Steel
FINISH: : Chromium-(VI) Free plating

COMPLETE: With Double Edge Compression Ring and Tightening Nut (add an 'P' at the begin of REFERENCE)

VERSIONS: Stainless Steel (add an 'S' at the end of the REFERENCE)

90º Elbow Bulkhead Union Tube Connector

34.137.
ISO 8434-1 tube coupling



REFERENCE	serie	dimensions (mm)								
		Ø tube d1	dy	lg	lg2	l2	l3	l5	W	HEX
34.137.06L	L	6	4	48.0	19.0	12.0	14.0	27.0	12	17
34.137.08L	L	8	6	51.0	21.0	14.0	17.0	27.0	12	19
34.137.10L	L	10	8	53.0	22.0	15.0	18.0	28.0	14	22
34.137.12L	L	12	10	56.0	24.0	17.0	20.0	29.0	17	24
34.137.15L	L	15	12	61.0	28.0	21.0	23.0	31.0	19	30
34.137.18L	L	18	15	64.0	31.0	23.5	24.0	32.5	24	36
34.137.22L	L	22	19	72.0	35.0	27.5	30.0	34.5	27	41
34.137.28L	L	28	24	77.0	38.0	30.5	34.0	35.5	36	46
34.137.35L	L	35	30	86.0	45.0	34.5	39.0	36.5	41	55
34.137.42L	L	42	36	90.0	51.0	40.0	43.0	36.0	50	65
34.137.06S	S	6	4	53.0	23.0	16.0	17.0	29.0	12	19
34.137.08S	S	8	5	54.0	24.0	17.0	18.0	29.0	14	22
34.137.10S	S	10	7	57.0	25.0	17.5	20.0	29.5	17	24
34.137.12S	S	12	8	59.0	29.0	21.5	21.0	30.5	17	27
34.137.14S	S	14	10	63.0	30.0	22.0	23.0	32.0	19	30
34.137.16S	S	16	12	64.0	33.0	24.5	24.0	31.5	24	32
34.137.20S	S	20	16	74.0	37.0	26.5	30.0	33.5	27	41
34.137.25S	S	25	20	81.0	42.0	30.0	34.0	35.0	36	46
34.137.30S	S	30	25	90.0	49.0	35.5	39.0	37.5	41	50
34.137.38S	S	38	32	96.0	57.0	41.0	43.0	37.0	50	65

MATERIAL: Carbon Steel
FINISH: : Chromium-(VI) Free plating

COMPLETE: With Double Edge Compression Ring and Tightening Nut (add an 'P' at the begin of REFERENCE)

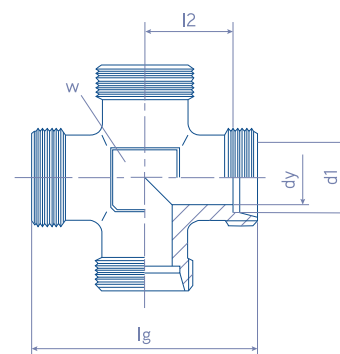
VERSIONS: Stainless Steel (add an 'S' at the end of the REFERENCE)



Cross Union Tube Connector

34.140.

ISO 8434-1 tube coupling



REFERENCE	serie	dimensions (mm)				
		Ø tube d1	dy	lg	l2	w
34.140.06L	L	6	4.0	38.0	12.0	12
34.140.08L	L	8	6.0	42.0	14.0	12
34.140.10L	L	10	8.0	44.0	15.0	14
34.140.12L	L	12	10.0	48.0	17.0	17
34.140.15L	L	15	12.0	56.0	21.0	19
34.140.18L	L	18	15.0	62.0	23.5	24
34.140.22L	L	22	19.0	70.0	27.5	27
34.140.28L	L	28	24.0	76.0	30.5	36
34.140.35L	L	35	30.0	90.0	34.5	41
34.140.42L	L	42	36.0	102.0	40.0	50
34.140.06S	S	6	4.0	46.0	16.0	12
34.140.08S	S	8	5.0	48.0	17.0	14
34.140.10S	S	10	7.0	50.0	17.5	17
34.140.12S	S	12	8.0	58.0	21.5	17
34.140.14S	S	14	10.0	60.0	22.0	19
34.140.16S	S	16	12.0	66.0	24.5	24
34.140.20S	S	20	16.0	74.0	26.5	27
34.140.25S	S	25	20.0	84.0	30.0	36
34.140.30S	S	30	25.0	98.0	35.5	41
34.140.38S	S	38	32.0	114.0	41.0	50

MATERIAL: Carbon Steel
FINISH: : Chromium-(VI) Free plating

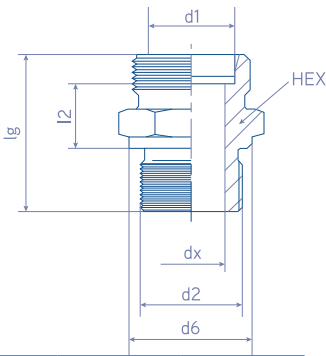
COMPLETE: With Double Edge Compression Ring and Tightening Nut (add an 'P' at the begin of REFERENCE)

VERSIONS: Stainless Steel (add an 'S' at the end of the REFERENCE)

BSP Parallel Male Tube Connector

34.103.

ISO 8434-1 tube coupling and DIN ISO 1179-4 Form-B BSP Thread



REFERENCE	serie	dimensions (mm)	dimensions (inch)	dimensions (mm)				
		Ø tube d1	thread d2	d6	dx	lg	l2	HEX
34.103.06LR02	L	6	1/8"	14	4	23.5	8.5	14
34.103.06LR04	L	6	1/4"	18	4	28.0	9.0	19
34.103.08LR02	L	8	1/8"	14	4	24.5	9.5	17
34.103.08LR04	L	8	1/4"	18	6	29.0	10.0	19
34.103.08LR06	L	8	3/8"	22	6	30.5	11.5	22
34.103.08LR08	L	8	1/2"	26	6	33.0	12.0	27
34.103.10LR02	L	10	1/8"	14	4	25.5	10.5	17
34.103.10LR04	L	10	1/4"	18	6	30.0	11.0	19
34.103.10LR06	L	10	3/8"	22	7	31.5	12.5	22
34.103.10LR08	L	10	1/2"	26	7	34.0	13.0	27
34.103.12LR04	L	12	1/4"	18	6	31.0	12.0	19
34.103.12LR06	L	12	3/8"	22	9	31.5	12.5	22
34.103.12LR08	L	12	1/2"	26	9	34.0	13.0	27
34.103.15LR06	L	15	3/8"	22	9	32.5	13.5	24
34.103.15LR08	L	15	1/2"	26	11	35.0	14.0	27
34.103.15LR12	L	15	3/4"	32	12	38.0	15.0	32
34.103.18LR08	L	18	1/2"	26	14	36.0	14.5	27
34.103.18LR12	L	18	3/4"	32	15	38.0	14.5	32
34.103.22LR08	L	22	1/2"	26	14	38.0	16.5	32
34.103.22LR12	L	22	3/4"	32	18	40.0	16.5	32
34.103.22LR16	L	22	1"	39	19	43.0	17.5	41
34.103.28LR12	L	28	3/4"	32	18	41.0	17.5	41
34.103.28LR16	L	28	1"	39	23	43.0	17.5	41
34.103.35LR16	L	35	1"	39	23	46.0	17.5	50
34.103.35LR20	L	35	1.1/4"	49	30	18.0	17.5	50
34.103.42LR20	L	42	1.1/4"	49	30	50.0	19.0	55
34.103.42LR24	L	42	1.1/2"	55	36	52.0	19.0	55
34.103.06SR04	S	6	1/4"	18	4	32.0	13.0	19
34.103.06SR06	S	6	3/8"	22	4	34.5	15.5	22

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REFERENCE	serie	dimensions (mm)	dimensions (inch)	dimensions (mm)				
		Ø tube d1	thread d2	d6	dx	lg	l2	HEX
34.103.08SR04	S	8	1/4"	18	5	34.0	15.0	19
34.103.08SR06	S	8	3/8"	22	5	34.5	15.5	22
34.103.10SR04	S	10	1/4"	18	5	34.0	14.5	19
34.103.10SR06	S	10	3/8"	22	7	34.5	15.0	22
34.103.10SR08	S	10	1/2"	26	7	35.0	13.5	27
34.103.12SR04	S	12	1/4"	18	5	36.0	16.5	22
34.103.12SR06	S	12	3/8"	22	8	36.5	17.0	22
34.103.12SR08	S	12	1/2"	26	8	39.0	17.5	27
34.103.14SR06	S	14	3/8"	22	8	39.0	19.0	24
34.103.14SR08	S	14	1/2"	26	10	41.0	19.0	27
34.103.16SR06	S	16	3/8"	22	8	38.5	18.0	27
34.103.16SR08	S	16	1/2"	26	12	41.0	18.5	27
34.103.16SR12	S	16	3/4"	32	12	45.0	20.5	32
34.103.20SR08	S	20	1/2"	26	12	45.0	20.5	32
34.103.20SR12	S	20	3/4"	32	16	47.0	20.5	32
34.103.20SR16	S	20	1"	39	16	51.0	22.5	41
34.103.25SR12	S	25	3/4"	32	16	51.0	23.0	41
34.103.25SR16	S	25	1"	39	20	53.0	23.0	41
34.103.30SR16	S	30	1"	39	20	55.0	23.5	50
34.103.30SR20	S	30	1.1/4"	49	25	57.0	23.5	50
34.103.38SR20	S	38	1.1/4"	49	25	62.0	26.0	55
34.103.38SR24	S	38	1.1/2"	55	32	64.0	26.0	55

MATERIAL: Carbon Steel
FINISH: : Chromium-(VI) Free plating

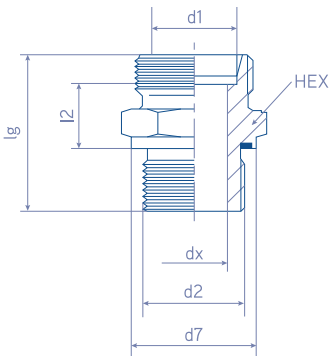
COMPLETE: With Double Edge Compression
Ring and Tightening Nut (add an 'P' at the
begin of REFERENCE)

VERSIONS: Stainless Steel (add an 'S'
at the end of the REFERENCE)

BSP Parallel Male Tube Connector with Elastomeric Seal

34.105.

ISO 8434-1 tube coupling and DIN ISO 1179-2 Form-E BSP Thread



REFERENCE	serie	dimensions (mm)	dimensions (inch)	dimensions (mm)				
		Ø tube d1	thread d2	d7	dx	lg	l2	HEX
34.105.06LR02	L	6	1/8"	13.9	4	23.5	8.5	14
34.105.06LR04	L	6	1/4"	18.9	4	28.0	9.0	19
34.105.06LR06	L	6	3/8"	21.9	4	30.5	11.5	22
34.105.08LR02	L	8	1/8"	13.9	4	24.5	9.5	17
34.105.08LR04	L	8	1/4"	18.9	6	29.0	10.0	19
34.105.08LR06	L	8	3/8"	21.9	6	30.5	11.5	22
34.105.08LR08	L	8	1/2"	26.9	6	33.0	12.0	27
34.105.10LR02	L	10	1/8"	13.9	4	25.5	10.5	17
34.105.10LR04	L	10	1/4"	18.9	6	30.0	11.0	19
34.105.10LR06	L	10	3/8"	21.9	7	31.5	12.5	22
34.105.10LR08	L	10	1/2"	26.9	7	34.0	13.0	27
34.105.12LR04	L	12	1/4"	18.9	6	31.0	12.0	19
34.105.12LR06	L	12	3/8"	21.9	9	31.5	12.5	22
34.105.12LR08	L	12	1/2"	26.9	9	34.0	13.0	27
34.105.15LR06	L	15	3/8"	21.9	9	32.5	13.5	24
34.105.15LR08	L	15	1/2"	26.9	11	35.0	14.0	27
34.105.15LR12	L	15	3/4"	31.9	12	38.0	15.0	32
34.105.18LR08	L	18	1/2"	26.9	14	36.0	14.5	27
34.105.18LR12	L	18	3/4"	31.9	15	38.0	14.5	32
34.105.22LR08	L	22	1/2"	26.9	14	38.0	16.5	32
34.105.22LR12	L	22	3/4"	31.9	18	40.0	16.5	32
34.105.22LR16	L	22	1"	39.9	19	43.0	17.5	41
34.105.28LR12	L	28	3/4"	31.9	18	41.0	17.5	41
34.105.28LR16	L	28	1"	39.9	23	43.0	17.5	41
34.105.35LR16	L	35	1"	39.9	23	46.0	17.5	50
34.105.35LR20	L	35	1.1/4"	49.9	30	18.0	17.5	50
34.105.42LR20	L	42	1.1/4"	49.9	30	50.0	19.0	55
34.105.42LR24	L	42	1.1/2"	54.9	36	52.0	19.0	55
34.105.06SR04	S	6	1/4"	18.9	4	32.0	13.0	19

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REFERENCE	serie	dimensions (mm)	dimensions (inch)	dimensions (mm)				
		Ø tube d1	thread d2	d7	dx	lg	l2	HEX
34.105.06SR06	S	6	3/8"	21.9	4	34.5	15.5	22
34.105.08SR04	S	8	1/4"	18.9	5	34.0	15.0	19
34.105.08SR06	S	8	3/8"	21.9	5	34.5	15.5	22
34.105.10SR04	S	10	1/4"	18.9	5	34.0	14.5	19
34.105.10SR06	S	10	3/8"	21.9	7	34.5	15.0	22
34.105.10SR08	S	10	1/2"	26.9	7	35.0	13.5	27
34.105.12SR04	S	12	1/4"	18.9	5	36.0	16.5	22
34.105.12SR06	S	12	3/8"	21.9	8	36.5	17.0	22
34.105.12SR08	S	12	1/2"	26.9	8	39.0	17.5	27
34.105.14SR06	S	14	3/8"	21.9	8	39.0	19.0	24
34.105.14SR08	S	14	1/2"	26.9	10	41.0	19.0	27
34.105.16SR06	S	16	3/8"	21.8	8	38.5	18.0	27
34.105.16SR08	S	16	1/2"	26.9	12	41.0	18.5	27
34.105.16SR12	S	16	3/4"	31.9	12	45.0	20.5	32
34.105.20SR08	S	20	1/2"	26.9	12	45.0	20.5	32
34.105.20SR12	S	20	3/4"	31.9	16	47.0	20.5	32
34.105.20SR16	S	20	1"	39.9	16	51.0	22.5	41
34.105.25SR12	S	25	3/4"	31.9	16	51.0	23.0	41
34.105.25SR16	S	25	1"	39.9	20	53.0	23.0	41
34.105.30SR16	S	30	1"	39.9	20	55.0	23.5	50
34.105.30SR20	S	30	1.1/4"	49.9	25	57.0	23.5	50
34.105.38SR20	S	38	1.1/4"	49.9	25	62.0	26.0	55
34.105.38SR24	S	38	1.1/2"	54.9	32	64.0	26.0	55

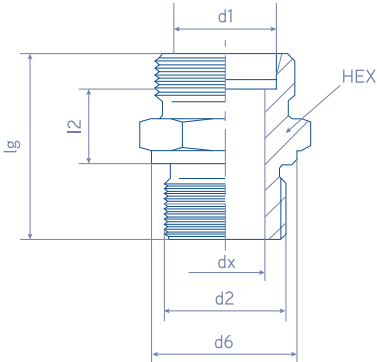
MATERIAL: Carbon Steel
FINISH: : Chromium-(VI) Free plating

COMPLETE: With Double Edge Compression
 Ring and Tightening Nut (add an 'P' at the
 begin of REFERENCE)

VERSIONS: Stainless Steel (add an 'S'
 at the end of the REFERENCE)

Metric Male Tube Connector

34.104.
ISO 8434-1 tube coupling and DIN 3852-1 Form-C Metric Thread



REFERENCE	serie	dimensions (mm)	dimensions (mm)	dimensions (mm)				
		Ø tube d1	thread d2	d6	dx	lg	l2	HEX
34.104.06LM10	L	6	M10x1.0	14.0	4	23.5	8.5	14
34.104.08LM12	L	8	M12x1.5	17.0	6	29.0	10.0	17
34.104.08LM18	L	8	M18x1.5	23.0	6	30.5	11.5	24
34.104.10LM14	L	10	M14x1.5	19.0	7	30.0	11.0	19
34.104.10LM16	L	10	M16x1.5	21.0	7	31.5	12.5	22
34.104.10LM18	L	10	M18x1.5	23.0	7	31.5	12.5	24
34.104.10LM22	L	10	M22x1.5	27.0	8	35.0	14.0	27
34.104.12LM14	L	12	M14x1.5	19.0	7	31.5	12.5	19
34.104.12LM16	L	12	M16x1.5	21.0	9	31.5	12.5	22
34.104.12LM18	L	12	M18x1.5	23.0	9	31.5	12.5	24
34.104.12LM22	L	12	M22x1.5	27.0	10	35.0	14.0	27
34.104.15LM16	L	15	M16x1.5	21.0	9	32.0	13.0	24
34.104.15LM18	L	15	M18x1.5	23.0	11	32.5	13.5	24
34.104.15LM22	L	15	M22x1.5	27.0	12	36.0	15.0	27
34.104.18LM18	L	18	M18x1.5	23.0	11	33.5	14.0	27
34.104.18LM22	L	18	M22x1.5	27.0	14	36.0	14.5	27
34.104.22LM22	L	22	M22x1.5	27.0	14	38.0	16.5	32
34.104.22LM26	L	22	M26x1.5	31.0	18	40.0	16.5	32
34.104.28LM33	L	28	M33x2.0	39.0	23	43.0	17.5	41
34.104.35LM42	L	35	M42x2.0	49.0	30	48.0	17.5	50
34.104.42LM48	L	42	M48x2.0	55.0	36	52.0	19.0	55
34.104.06SM12	S	6	M12x1.5	17.0	4	32.0	13.0	17
34.104.08SM14	S	8	M14x1.5	19.0	5	34.0	15.0	19
34.104.10SM16	S	10	M16x1.5	21.0	7	34.5	15.0	22
34.104.12SM18	S	12	M18x1.5	23.0	8	36.5	17.0	24
34.104.12SM22	S	12	M22x1.5	27.0	8	39.0	17.5	27
34.104.14SM20	S	14	M20x1.5	25.0	10	41.0	19.0	27
34.104.16SM18	S	16	M18x1.5	23.0	8	38.5	18.0	24
34.104.16SM22	S	16	M22x1.5	27.0	12	41.0	18.5	27
34.104.20SM27	S	20	M27x2.0	32.0	16	47.0	20.5	32
34.104.25SM33	S	25	M33x2.0	39.0	20	53.0	23.0	41
34.104.30SM42	S	30	M42x2.0	49.0	25	57.0	23.5	50
34.104.38SM48	S	38	M48x2.0	55.0	32	64.0	26.0	55

MATERIAL: Carbon Steel
FINISH: : Chromium-(VI) Free plating

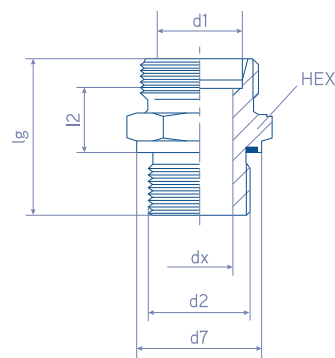
COMPLETE: With Double Edge Compression Ring and Tightening Nut (add an 'P' at the begin of REFERENCE)

VERSIONS: Stainless Steel (add an 'S' at the end of the REFERENCE)

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Metric Male Tube Connector with Elastomeric Seal



34.106.

ISO 8434-1 tube coupling and ISO 9974-2 Form-E Metric Thread

REFERENCE	serie	dimensions (mm)	dimensions (mm)	dimensions (mm)				
		Ø tube d1	thread d2	d7	dx	lg	l2	HEX
34.106.06LM10	L	6	M10x1.0	13.9	4	23.5	8.5	14
34.106.08LM12	L	8	M12x1.5	16.9	6	29.0	10.0	17
34.106.08LM18	L	8	M18x1.5	23.9	6	30.5	11.5	24
34.106.10LM14	L	10	M14x1.5	18.9	7	30.0	11.0	19
34.106.10LM16	L	10	M16x1.5	21.9	7	31.5	12.5	22
34.106.10LM18	L	10	M18x1.5	23.9	7	31.5	12.5	24
34.106.10LM22	L	10	M22x1.5	26.9	8	35.0	14.0	27
34.106.12LM14	L	12	M14x1.5	18.9	7	31.5	12.5	19
34.106.12LM16	L	12	M16x1.5	21.9	9	31.5	12.5	22
34.106.12LM18	L	12	M18x1.5	23.9	9	31.5	12.5	24
34.106.12LM22	L	12	M22x1.5	26.9	10	35.0	14.0	27
34.106.15LM16	L	15	M16x1.5	21.9	9	32.0	13.0	24
34.106.15LM18	L	15	M18x1.5	23.9	11	32.5	13.5	24
34.106.15LM22	L	15	M22x1.5	26.9	12	36.0	15.0	27
34.106.18LM18	L	18	M18x1.5	23.9	11	33.5	14.0	27
34.106.18LM22	L	18	M22x1.5	26.9	14	36.0	14.5	27
34.106.22LM22	L	22	M22x1.5	26.9	14	38.0	16.5	32
34.106.22LM26	L	22	M26x1.5	31.9	18	40.0	16.5	32
34.106.28LM33	L	28	M33x2.0	39.9	23	43.0	17.5	41
34.106.35LM42	L	35	M42x2.0	49.9	30	48.0	17.5	50
34.106.42LM48	L	42	M48x2.0	54.9	36	52.0	19.0	55
34.106.06SM12	S	6	M12x1.5	16.9	4	32.0	13.0	17
34.106.08SM14	S	8	M14x1.5	18.9	5	34.0	15.0	19
34.106.10SM16	S	10	M16x1.5	21.9	7	34.5	15.0	22
34.106.12SM18	S	12	M18x1.5	23.9	8	36.5	17.0	24
34.106.12SM22	S	12	M22x1.5	26.9	8	39.0	17.5	27
34.106.14SM20	S	14	M20x1.5	25.9	10	41.0	19.0	27
34.106.16SM18	S	16	M18x1.5	23.9	8	38.5	18.0	24
34.106.16SM22	S	16	M22x1.5	26.9	12	41.0	18.5	27
34.106.20SM27	S	20	M27x2.0	31.9	16	47.0	20.5	32
34.106.25SM33	S	25	M33x2.0	39.9	20	53.0	23.0	41
34.106.30SM42	S	30	M42x2.0	49.9	25	57.0	23.5	50
34.106.38SM48	S	38	M48x2.0	54.9	32	64.0	26.0	55

MATERIAL: Carbon Steel
FINISH: : Chromium-(VI) Free plating

COMPLETE: With Double Edge Compression Ring and Tightening Nut (add an 'P' at the begin of REFERENCE)

VERSIONS: Stainless Steel (add an 'S' at the end of the REFERENCE)

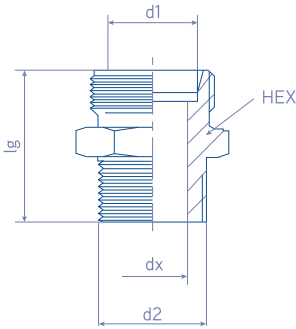
Balflex assumes no liability for typographical errors or other errors.

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BSPT Tapered Male Tube Connector

34.117.

ISO 8434-1 tube coupling and DIN 3852-2 Form-C BSPT Thread



REFERENCE	serie	dimensions (mm)	dimensions (inch)	dimensions (mm)		
		Ø tube d1	thread d2	dx	lg	HEX
34.117.06LR02	L	6	1/8"	4	22.0	14
34.117.06LR04	L	6	1/4"	4	26.0	14
34.117.08LR02	L	8	1/8"	4	23.0	14
34.117.08LR04	L	8	1/4"	6	27.0	17
34.117.08LR06	L	8	3/8"	6	28.0	19
34.117.08LR08	L	8	1/2"	6	30.0	24
34.117.10LR04	L	10	1/4"	7	28.0	17
34.117.10LR06	L	10	3/8"	8	28.0	19
34.117.10LR08	L	10	1/2"	8	31.0	24
34.117.12LR04	L	12	1/4"	7	29.0	19
34.117.12LR06	L	12	3/8"	9	29.0	19
34.117.12LR08	L	12	1/2"	9	31.0	24
34.117.15LR06	L	15	3/8"	11	30.0	24
34.117.15LR08	L	15	1/2"	11	32.0	24
34.117.18LR08	L	18	1/2"	14	33.0	27
34.117.18LR12	L	18	3/4"	14	35.0	30
34.117.22LR12	L	22	3/4"	18	37.0	32
34.117.28LR16	L	28	1"	23	40.0	41
34.117.06SR04	S	6	1/4"	4	30.0	17
34.117.08SR04	S	8	1/4"	5	32.0	17
34.117.10SR06	S	10	3/8"	7	32.0	19
34.117.12SR06	S	12	3/8"	8	34.0	22
34.117.14SR08	S	14	1/2"	10	38.0	27
34.117.16SR08	S	16	1/2"	12	38.0	27
34.117.20SR12	S	20	3/4"	16	44.0	32

MATERIAL: Carbon Steel
FINISH: : Chromium-(VI) Free plating

COMPLETE: With Double Edge Compression Ring and Tightening Nut (add an 'P' at the begin of REFERENCE)

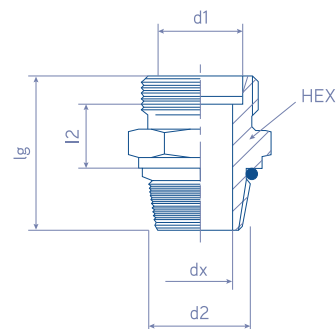
VERSIONS: Stainless Steel (add an 'S' at the end of the REFERENCE)



NPTF Male Tube Connector

34.118.

ISO 8434-1 tube coupling and ANSI B1.20.3 NPTF Thread



REFERENCE	serie	dimensions (mm)	dimensions (inch)	dimensions (mm)		
		Ø tube d1	thread d2	dx	lg	HEX
34.118.06LN02	L	6	1/8"	4	23.9	12
34.118.06LN04	L	6	1/4"	4	30.0	17
34.118.08LN02	L	8	1/8"	5	24.9	14
34.118.08LN04	L	8	1/4"	6	30.1	17
34.118.08LN06	L	8	3/8"	6	31.2	19
34.118.08LN08	L	8	1/2"	6	38.5	24
34.118.10LN02	L	10	1/8"	4	27.0	17
34.118.10LN04	L	10	1/4"	7	31.1	17
34.118.10LN06	L	10	3/8"	8	32.2	19
34.118.10LN08	L	10	1/2"	8	37.8	24
34.118.12LN04	L	12	1/4"	7	32.0	19
34.118.12LN06	L	12	3/8"	9	32.2	19
34.118.12LN08	L	12	1/2"	10	36.8	24
34.118.15LN06	L	15	3/8"	9	33.2	24
34.118.15LN08	L	15	1/2"	11	37.8	24
34.118.18LN08	L	18	1/2"	14	38.8	27
34.118.18LN12	L	18	3/4"	14	39.1	30
34.118.22LN08	L	22	1/2"	14	40.8	32
34.118.22LN12	L	22	3/4"	18	41.1	32
34.118.28LN16	L	28	1"	23	47.0	41
34.118.35LN20	L	35	1.1/4"	30	50.6	46
34.118.42LN24	L	42	1.1/2"	36	53.0	55
34.118.06SN04	S	6	1/4"	4	33.1	17
34.118.08SN04	S	8	1/4"	5	35.1	17
34.118.08SN06	S	8	3/8"	5	35.0	19

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REFERENCE	serie	dimensions (mm)	dimensions (inch)	dimensions (mm)		
		Ø tube d1	thread d2	dx	lg	HEX
34.118.10SN04	S	10	1/4"	5	35.1	19
34.118.10SN06	S	10	3/8"	7	35.2	19
34.118.10SN08	S	10	1/2"	7	41.8	24
34.118.12SN04	S	12	1/4"	5	37.1	22
34.118.12SN06	S	12	3/8"	8	37.2	22
34.118.12SN08	S	12	1/2"	8	41.8	24
34.118.14SN06	S	14	3/8"	8	39.0	24
34.118.14SN08	S	14	1/2"	10	43.8	27
34.118.16SN06	S	16	3/8"	8	39.2	27
34.118.16SN08	S	16	1/2"	12	43.8	27
34.118.16SN12	S	16	3/4"	12	44.0	30
34.118.20SN08	S	20	1/2"	14	47.8	32
34.118.20SN12	S	20	3/4"	16	48.1	32
34.118.20SN16	S	20	1"	16	55.0	36
34.118.25SN12	S	25	3/4"	18	52.1	41
34.118.25SN16	S	25	1"	20	57.0	41
34.118.30SN16	S	30	1"	22	59.0	46
34.118.30SN20	S	30	1.1/4"	25	59.6	46
34.118.38SN24	S	38	1.1/2"	32	65.0	55

MATERIAL: Carbon Steel

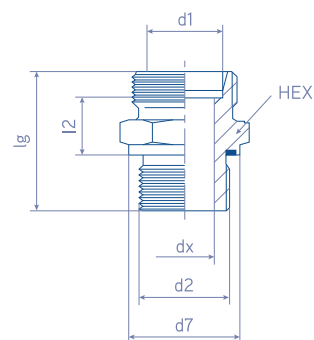
FINISH: : Chromium-(VI) Free plating

COMPLETE: With Double Edge Compression Ring and Tightening Nut (add an 'P' at the begin of REFERENCE)

VERSIONS: Stainless Steel (add an 'S' at the end of the REFERENCE)



UNF Male Tube Connector



34.161.

ISO 8434-1 tube coupling and ISO 11926-2/3 Form-F UNF Thread

REFERENCE	serie	dimensions (mm)	dimensions (UNF)	dimensions (mm)				
		Ø tube d1	thread d2	d7	dx	lg	l2	HEX
34.161.06LU04	L	6	7/16"	15.8	4.0	25.2	9.0	17
34.161.08LU04	L	8	7/16"	15.8	5.0	26.2	10.0	17
34.161.10LU04	L	10	7/16"	15.8	5.0	28.2	12.0	17
34.161.10LU06	L	10	9/16"	17.7	7.0	28.0	11.0	19
34.161.12LU08	L	12	3/4"	23.0	9.0	30.7	12.5	24
34.161.12LU10	L	12	7/8"	27.0	10.0	32.7	13.0	27
34.161.15LU08	L	15	3/4"	23.0	11.0	32.2	14.0	24
34.161.15LU10	L	15	7/8"	27.0	11.0	33.7	14.0	27
34.161.18LU08	L	18	3/4"	23.0	12.0	33.2	14.5	27
34.161.18LU10	L	18	7/8"	27.0	14.0	34.7	14.5	27
34.161.22LU12	L	22	1.1/16"	32.0	18.0	39.0	16.5	32
34.161.22LU16	L	22	1.5/16"	38.1	18.0	39.0	16.5	41
34.161.28LU12	L	28	1.1/16"	32.0	18.0	40.0	17.5	41
34.161.28LU16	L	28	1.5/16"	38.1	23.0	40.0	17.4	41
34.161.35LU16	L	35	1.5/16"	39.0	23.0	43.0	17.5	46
34.161.35LU20	L	35	1.5/8"	48.0	30.0	43.0	17.5	50
34.161.42LU24	L	42	1.7/8"	54.0	36.0	45.0	19.0	55
34.161.06SU04	S	6	7/16"	15.8	4.0	29.2	13.0	17
34.161.08SU04	S	8	7/16"	15.8	4.0	31.2	15.0	17
34.161.10SU06	S	10	9/16"	17.7	7.0	32.5	15.0	19
34.161.10SU08	S	10	3/4"	23.0	7.0	33.7	15.0	24
34.161.12SU06	S	12	9/16"	17.7	7.0	34.5	17.5	22
34.161.12SU08	S	12	3/4"	23.0	8.0	36.2	17.5	24
34.161.14SU08	S	14	3/4"	23.0	10.0	38.2	19.0	24
34.161.16SU08	S	16	3/4"	23.0	12.0	38.2	18.5	27
34.161.16SU10	S	16	7/8"	27.0	12.0	37.5	15.0	30
34.161.16SU12	S	16	1.1/16"	32.0	12.0	42.0	18.5	32
34.161.20SU10	S	20	7/8"	27.0	12.0	43.7	20.5	32
34.161.20SU12	S	20	1.1/16"	32.0	16.0	46.0	20.5	32
34.161.25SU12	S	25	1.1/16"	32.0	16.0	50.0	23.0	41
34.161.25SU16	S	25	1.5/16"	38.1	20.0	50.0	23.0	41
34.161.30SU16	S	30	1.5/16"	32.0	16.0	52.0	23.5	46
34.161.30SU20	S	30	1.5/8"	48.0	25.0	52.0	23.5	50
34.161.38SU24	S	38	1.7/8"	54.0	32.0	57.0	26.0	55

MATERIAL: Carbon Steel
FINISH: : Chromium-(VI) Free plating

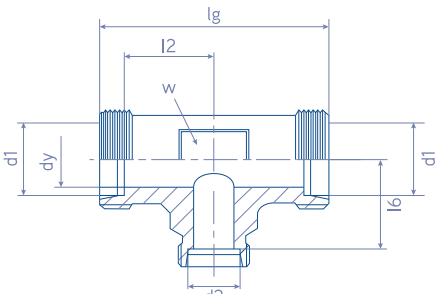
COMPLETE: With Double Edge Compression Ring and Tightening Nut (add an 'P' at the begin of REFERENCE)

VERSIONS: Stainless Steel (add an 'S' at the end of the REFERENCE)

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Tee Reducer Tube Connector

34.153.
ISO 8434-1 tube coupling



REFERENCE	serie	dimensions (mm)						
		Ø tube d1	Ø tube d1	dy	lg	l2	l6	w
34.153.0806L	L	6	8	4.0	33.0	26.0	12	17
34.153.1006L	L	6	10	4.0	34.0	27.0	12	19
34.153.1008L	L	8	10	6.0	35.0	28.0	14	19
34.153.1206L	L	6	12	4.0	37.0	30.0	14	22
34.153.1208L	L	8	12	6.0	37.0	30.0	14	22
34.153.1210L	L	10	12	8.0	38.0	31.0	17	22
34.153.1506L	L	6	15	4.0	38.0	31.0	17	27
34.153.1508L	L	8	15	6.0	38.0	31.0	17	27
34.153.1510L	L	10	15	8.0	39.0	32.0	17	27
34.153.1512L	L	12	15	10.0	40.0	33.0	19	27
34.153.1806L	L	6	18	4.0	37.5	30.5	19	32
34.153.1808L	L	8	18	6.0	37.5	30.5	19	32
34.153.1810L	L	10	18	8.0	38.5	31.5	19	32
34.153.1812L	L	12	18	10.0	38.5	31.5	19	32
34.153.1815L	L	15	18	12.0	39.5	32.5	24	32
34.153.2206L	L	6	22	4.0	41.0	34.0	24	36
34.153.2208L	L	8	22	6.0	38.5	31.5	24	36
34.153.2210L	L	10	22	8.0	39.5	32.5	24	36
34.153.2212L	L	12	22	10.0	39.5	32.5	24	36
34.153.2215L	L	15	22	12.0	40.5	33.5	24	36
34.153.2218L	L	18	22	15.0	41.5	34.0	27	36
34.153.2806L	L	6	28	4.0	42.0	35.0	30	41
34.153.2808L	L	8	28	6.0	42.0	35.0	30	41
34.153.2810L	L	10	28	8.0	41.0	34.0	30	41
34.153.2812L	L	12	28	10.0	41.0	34.0	30	41
34.153.2815L	L	15	28	12.0	42.0	35.0	30	41
34.153.2818L	L	18	28	15.0	43.0	35.5	30	41
34.153.2822L	L	22	28	19.0	45.0	37.5	32	41
34.153.3508L	L	8	35	6.0	48.0	41.0	36	50
34.153.3510L	L	10	35	8.0	49.0	42.0	36	50
34.153.3512L	L	12	35	10.0	47.5	40.5	36	50
34.153.3515L	L	15	35	12.0	48.5	41.5	36	50
34.153.3518L	L	18	35	15.0	49.5	42.0	36	50
34.153.3522L	L	22	35	19.0	51.5	44.0	36	50
34.153.3528L	L	28	35	24.0	52.5	45.0	41	50
34.153.4210L	L	10	42	8.0	51.0	44.0	46	60
34.153.4212L	L	12	42	10.0	51.0	44.0	46	60
34.153.4215L	L	15	42	12.0	52.0	45.0	46	60

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REFERENCE	serie	dimensions (mm)						
		Ø tube d1	Ø tube d1	dy	lg	l2	l6	w
34.153.4218L	L	18	42	15.0	52.0	44.5	46	60
34.153.4222L	L	22	42	19.0	54.0	46.5	46	60
34.153.4228L	L	28	42	24.0	55.0	47.5	46	60
34.153.4235L	L	35	42	30.0	58.0	47.5	46	60
34.153.0806S	S	6	8	4.0	37.0	30.0	14	19
34.153.1006S	S	6	10	4.0	39.0	32.0	14	22
34.153.1008S	S	8	10	5.0	41.0	34.0	17	22
34.153.1206S	S	6	12	4.0	39.0	32.0	17	24
34.153.1208S	S	8	12	5.0	41.0	34.0	17	24
34.153.1210S	S	10	12	7.0	41.0	33.5	19	24
34.153.1406S	S	6	14	4.0	42.0	35.0	17	27
34.153.1408S	S	8	14	5.0	44.0	37.0	17	27
34.153.1410S	S	10	14	7.0	44.0	36.5	19	27
34.153.1412S	S	12	14	8.0	46.0	38.5	22	27
34.153.1608S	S	8	16	5.0	44.0	37.0	17	30
34.153.1610S	S	10	16	7.0	44.0	36.5	19	30
34.153.1612S	S	12	16	8.0	46.0	38.5	22	30
34.153.1614S	S	14	16	10.0	48.0	40.0	24	30
34.153.2006S	S	6	20	4.0	47.0	40.0	22	36
34.153.4212L	L	12	42	10.0	51.0	44.0	46	60
34.153.4215L	L	15	42	12.0	52.0	45.0	46	60
34.153.4218L	L	18	42	15.0	52.0	44.5	46	60
34.153.4222L	L	22	42	19.0	54.0	46.5	46	60
34.153.4228L	L	28	42	24.0	55.0	47.5	46	60
34.153.4235L	L	35	42	30.0	58.0	47.5	46	60
34.153.0806S	S	6	8	4.0	37.0	30.0	14	19
34.153.1006S	S	6	10	4.0	39.0	32.0	14	22
34.153.1008S	S	8	10	5.0	41.0	34.0	17	22
34.153.1206S	S	6	12	4.0	39.0	32.0	17	24
34.153.1208S	S	8	12	5.0	41.0	34.0	17	24
34.153.1210S	S	10	12	7.0	41.0	33.5	19	24
34.153.1406S	S	6	14	4.0	42.0	35.0	17	27
34.153.1408S	S	8	14	5.0	44.0	37.0	17	27
34.153.1410S	S	10	14	7.0	44.0	36.5	19	27
34.153.1412S	S	12	14	8.0	46.0	38.5	22	27
34.153.1608S	S	8	16	5.0	44.0	37.0	17	30
34.153.1610S	S	10	16	7.0	44.0	36.5	19	30
34.153.1612S	S	12	16	8.0	46.0	38.5	22	30
34.153.1614S	S	14	16	10.0	48.0	40.0	24	30
34.153.2006S	S	6	20	4.0	47.0	40.0	22	36
34.153.1612S	S	12	16	8.0	46.0	38.5	22	30
34.153.1614S	S	14	16	10.0	48.0	40.0	24	30
34.153.2006S	S	6	20	4.0	47.0	40.0	22	36

MATERIAL: Carbon Steel
FINISH: : Chromium-(VI) Free plating

COMPLETE: With Double Edge Compression
Ring and Tightening Nut (add an 'P' at the
begin of REFERENCE)

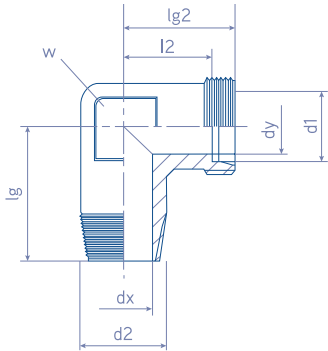
VERSIONS: Stainless Steel (add an 'S'
at the end of the REFERENCE)

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BSPT Tapered 90º Elbow Male Tube Connector

34.120.

ISO 8434-1 tube coupling and DIN 3852-2 Form-C BSPT Thread



REFERENCE	serie	dimensions (mm)	dimensions (inch)	dimensions (mm)					
		Ø tube d1	thread d2	dx	dy	lg	lg2	l2	w
34.120.06LR02	L	6	1/8"	4	4	20.0	19.0	12.0	12
34.120.06LR04	L	6	1/4"	7	4	26.0	14.0	14.0	14
34.120.08LR02	L	8	1/8"	4	6	26.0	21.0	14.0	14
34.120.08LR04	L	8	1/4"	6	6	26.0	21.0	14.0	14
34.120.08LR06	L	8	3/8"	8	6	28.0	22.0	15.0	19
34.120.10LR02	L	10	1/8"	4	7	25.0	22.0	15.0	17
34.120.10LR04	L	10	1/4"	7	8	27.0	22.0	15.0	17
34.120.10LR06	L	10	3/8"	7	7	28.0	23.0	16.0	19
34.120.10LR08	L	10	1/2"	11	7	34.0	27.0	20.0	19
34.120.12LR04	L	12	1/4"	7	9	28.0	24.0	17.0	19
34.120.12LR06	L	12	3/8"	9	10	28.0	24.0	17.0	19
34.120.12LR08	L	12	1/2"	11	9	34.0	27.0	20.0	19
34.120.15LR06	L	15	3/8"	9	11	32.0	28.0	21.0	19
34.120.15LR08	L	15	1/2"	11	12	34.0	28.0	21.0	19
34.120.18LR08	L	18	1/2"	14	15	36.0	31.0	23.5	24
34.120.18LR12	L	18	3/4"	18	15	42.0	35.0	27.5	27
34.120.22LR12	L	22	3/4"	18	19	42.0	27.5	27.5	27
34.120.06SR04	S	6	1/4"	4	4	26.0	23.0	16.0	14
34.120.08SR04	S	8	1/4"	5	5	17.0	24.0	17.0	17
34.120.10SR06	S	10	3/8"	7	7	28.0	25.0	17.5	19
34.120.12SR06	S	12	3/8"	8	8	28.0	29.0	21.5	22
34.120.12SR08	S	12	1/2"	11	8	34.0	29.0	21.5	19
34.120.14SR06	S	14	3/8"	8	10	30.0	30.0	22.0	19
34.120.14SR08	S	14	1/2"	10	10	32.0	30.0	22.0	19
34.120.16SR08	S	16	1/2"	12	12	32.0	33.0	24.5	24
34.120.20SR08	S	20	1/2"	12	16	40.0	37.0	26.5	27
34.120.20SR12	S	20	3/4"	16	16	42.0	37.0	26.5	27

MATERIAL: Carbon Steel
FINISH: : Chromium-(VI) Free plating

COMPLETE: With Double Edge Compression
Ring and Tightening Nut (add an 'P' at the
begin of REFERENCE)

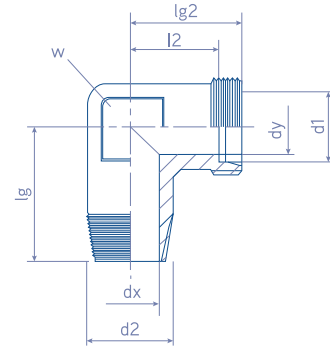
VERSIONS: Stainless Steel (add an 'S'
at the end of the REFERENCE)



NPTF Tapered 90° Elbow Male Tube Connector

34.121.

ISO 8434-1 tube coupling and ANSI B1.20.3 NPTF Thread



REFERENCE	serie	dimensions (mm)	dimensions (inch)	dimensions (mm)					
		Ø tube d1	thread d2	dx	dy	lg	lg2	l2	w
34.121.06LN02	L	6	1/8"	4	4	20.0	19.0	12.0	12
34.121.06LN04	L	6	1/4"	4	4	26.0	21.0	14.0	14
34.121.08LN04	L	8	1/4"	6	6	26.0	21.0	14.0	14
34.121.10LN04	L	10	1/4"	7	7	27.0	22.0	15.0	17
34.121.10LN06	L	10	3/8"	9	8	28.0	24.0	17.0	19
34.121.12LN04	L	12	1/4"	7	9	28.0	24.0	17.0	19
34.121.12LN06	L	12	3/8"	9	9	28.0	24.0	17.0	19
34.121.12LN08	L	12	1/2"	12	9	33.0	28.0	21.0	24
34.121.15LN08	L	15	1/2"	11	11	36.0	31.0	24.0	24
34.121.18LN08	L	18	1/2"	14	14	37.0	31.0	23.5	24
34.121.22LN12	L	22	3/4"	18	19	42.0	35.0	27.5	27
34.121.28LN16	L	28	1"	23	24	48.0	38.0	30.5	36
34.121.35LN20	L	35	1 1/4"	30	30	54.0	45.0	34.5	41
34.121.42LN24	L	42	1 1/2"	36	36	61.0	51.0	40.0	50
34.121.06SN04	S	6	1/4"	4	4	26.0	23.0	16.0	14
34.121.08SN04	S	8	1/4"	5	5	27.0	24.0	17.0	17
34.121.10SN06	S	10	3/8"	7	7	28.0	25.0	17.5	19
34.121.12SN06	S	12	3/8"	8	8	29.0	29.0	21.5	22
34.121.14SN08	S	14	1/2"	10	10	33.0	33.0	25.0	24
34.121.16SN08	S	16	1/2"	12	12	36.0	33.0	24.5	24
34.121.20SN12	S	20	3/4"	16	16	42.0	37.0	26.5	27
34.121.25SN16	S	25	1"	20	20	49.0	42.0	30.0	36
34.121.30SN20	S	30	1 1/4"	25	25	54.0	49.0	35.5	41
34.121.38SN24	S	38	1 1/2"	32	32	61.0	57.0	41.0	50

MATERIAL: Carbon Steel
FINISH: : Chromium-(VI) Free plating

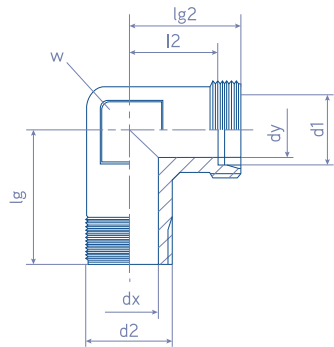
COMPLETE: With Double Edge Compression Ring and Tightening Nut (add an 'P' at the begin of REFERENCE)

VERSIONS: Stainless Steel (add an 'S' at the end of the REFERENCE)

Metric 90° Elbow Male Tube Connector

34.124.

ISO 8434-1 tube coupling and DIN 3852-1 Form-C Metric Thread



REFERENCE	serie	dimensions (mm)	dimensions (inch)	dimensions (mm)					
		Ø tube d1	thread d2	dx	dy	lg	lg2	l2	w
34.124.06LM10	L	6	M10x1.0	4	4	20.0	19.0	12.0	12
34.124.08LM12	L	8	M12x1.5	6	6	26.0	21.0	14.0	14
34.124.10LM14	L	10	M14x1.5	7	8	27.0	22.0	15.0	17
34.124.12LM16	L	12	M16x1.5	9	10	28.0	24.0	17.0	19
34.124.12LM18	L	12	M18x1.5	11	12	32.0	28.0	21.0	19
34.124.15LM18	L	15	M18x1.5	14	15	36.0	31.0	23.5	24
34.124.06SM12	S	6	M12x1.5	4	4	26.0	23.0	16.0	14
34.124.08SM14	S	8	M14x1.5	5	5	27.0	24.0	17.0	17
34.124.10SM16	S	10	M16x1.5	7	7	28.0	25.0	17.5	19
34.124.12SM18	S	12	M18x1.5	8	8	28.0	29.0	21.5	22
34.124.14SM20	S	14	M20x1.5	10	10	32.0	30.0	22.0	19
34.124.16SM22	S	16	M22x1.5	12	12	32.0	33.0	24.5	24

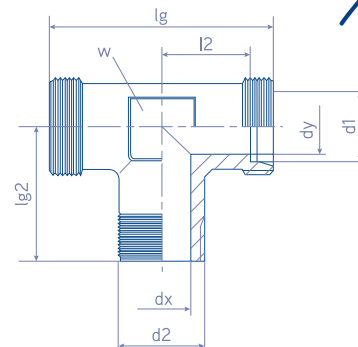
MATERIAL: Carbon Steel
FINISH: : Chromium-(VI) Free plating

COMPLETE: With Double Edge Compression
Ring and Tightening Nut (add an 'P' at the
begin of REFERENCE)

VERSIONS: Stainless Steel (add an 'S'
at the end of the REFERENCE)



BSPT Male Tapered Branch Tee Tube Connector



34.125.

ISO 8434-1 tube coupling and DIN 3852-2 Form-C BSPT Thread

REFERENCE	serie	dimensions (mm)							
		Ø tube d1	d2	dx	dy	lg	lg2	l2	w
34.125.06LR02	L	6	1/8"	4.0	4.0	38.0	20.0	12.0	12
34.125.08LR04	L	8	1/4"	6.0	6.0	42.0	26.0	14.0	14
34.125.10LR04	L	10	1/4"	7.0	8.0	44.0	27.0	15.0	17
34.125.12LR04	L	12	1/4"	9.0	10.0	48.0	28.0	17.0	19
34.125.15LR08	L	15	1/2"	11.0	12.0	56.0	32.0	21.0	19
34.125.18LR08	L	18	1/2"	14.0	15.0	62.0	36.0	23.5	24
34.125.06SR04	S	6	1/4"	4.0	4.0	46.0	26.0	16.0	14
34.125.08SR04	S	8	1/4"	5.0	5.0	48.0	27.0	17.0	17
34.125.10SR06	S	10	3/8"	7.0	7.0	50.0	28.0	17.5	19
34.125.12SR06	S	12	3/8"	8.0	8.0	58.0	28.0	21.5	22
34.125.14SR08	S	14	1/2"	10.0	10.0	60.0	32.0	22.0	19
34.125.16SR08	S	16	1/2"	12.0	12.0	66.0	32.0	24.5	24

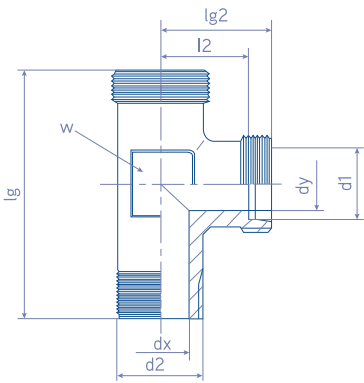
MATERIAL: Carbon Steel
FINISH: : Chromium-(VI) Free plating

COMPLETE: With Double Edge Compression Ring and Tightening Nut (add an 'P' at the begin of REFERENCE)

VERSIONS: Stainless Steel (add an 'S' at the end of the REFERENCE)

BSPT Male Tapered Run Tee Tube Connector

34.130.
ISO 8434-1 tube coupling and DIN 3852-2 Form-C BSPT Thread



REFERENCE	serie	dimensions (mm)							
		Ø tube d1	d2	dx	dy	lg	lg2	l2	w
34.130.06LR02	L	6	1/8"	4.0	4.0	39.0	19.0	12.0	12
34.130.08LR04	L	8	1/4"	6.0	6.0	47.0	21.0	14.0	14
34.130.10LR04	L	10	1/4"	7.0	8.0	49.0	22.0	15.0	17
34.130.12LR04	L	12	1/4"	9.0	10.0	52.0	24.0	17.0	19
34.130.15LR08	L	15	1/2"	11.0	12.0	60.0	28.0	21.0	19
34.130.18LR08	L	18	1/2"	14.0	15.0	67.0	31.0	23.5	24
34.130.06SR04	S	6	1/4"	4.0	4.0	49.0	23.0	16.0	14
34.130.08SR04	S	8	1/4"	5.0	5.0	51.0	24.0	17.0	17
34.130.10SR06	S	10	3/8"	7.0	7.0	53.0	25.0	17.5	19
34.130.12SR06	S	12	3/8"	8.0	8.0	57.0	29.0	21.5	22
34.130.14SR08	S	14	1/2"	10.0	10.0	62.0	30.0	22.0	19
34.130.16SR08	S	16	1/2"	12.0	12.0	65.0	33.0	24.5	24

MATERIAL: Carbon Steel
FINISH: : Chromium-(VI) Free plating

COMPLETE: With Double Edge Compression Ring and Tightening Nut (add an 'P' at the begin of REFERENCE)

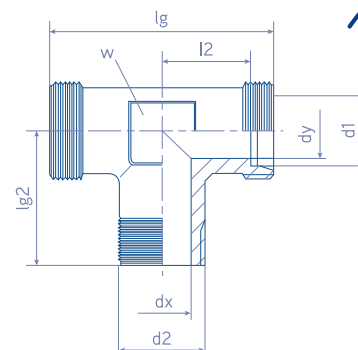
VERSIONS: Stainless Steel (add an 'S' at the end of the REFERENCE)



Metric Male Branch Tee Tube Connector

34.129.

ISO 8434-1 tube coupling and DIN 3852-1 Form-C Metric Thread



REFERENCE	serie	dimensions (mm)							
		Ø tube d1	d2	dx	dy	lg	lg2	l2	w
34.129.06LM10	L	6	M10x1.0	4.0	4.0	38.0	20.0	12.0	12
34.129.08LM12	L	8	M12x1.5	6.0	6.0	42.0	26.0	14.0	14
34.129.10LM14	L	10	M14x1.5	7.0	8.0	44.0	27.0	15.0	17
34.129.12LM16	L	12	M16x1.5	9.0	10.0	48.0	28.0	17.0	19
34.129.15LM18	L	15	M18x1.5	11.0	12.0	56.0	32.0	21.0	19
34.129.18LM22	L	18	M22x1.5	14.0	15.0	62.0	36.0	23.5	24
34.129.06SM12	S	6	M12x1.5	4.0	4.0	46.0	26.0	16.0	14
34.129.08SM14	S	8	M14x1.5	5.0	5.0	48.0	27.0	17.0	17
34.129.10SM16	S	10	M16x1.5	7.0	7.0	50.0	28.0	17.5	19
34.129.12SM18	S	12	M18x1.5	8.0	8.0	58.0	28.0	21.5	22
34.129.14SM20	S	14	M20x1.5	10.0	10.0	60.0	32.0	22.0	19
34.129.16SM22	S	16	M22x1.5	12.0	12.0	66.0	32.0	24.5	24

MATERIAL: Carbon Steel

FINISH: : Chromium-(VI) Free plating

COMPLETE: With Double Edge Compression Ring and Tightening Nut (add an 'P' at the begin of REFERENCE)

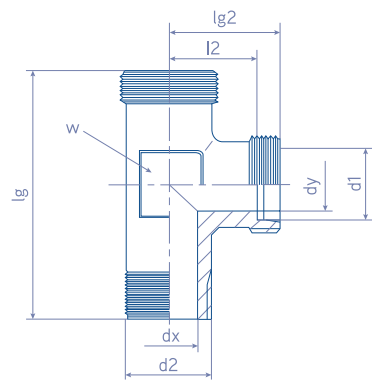
VERSIONS: Stainless Steel (add an 'S' at the end of the REFERENCE)

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Metric Male Run Tee Tube Connector

34.134.
ISO 8434-1 tube coupling and DIN 3852-1 Form-C Metric Thread



REFERENCE	serie	dimensions (mm)							
		Ø tube d1	d2	dx	dy	lg	lg2	l2	w
34.134.06LM10	L	6	M10x1.0	4.0	4.0	39.0	19.0	12.0	12
34.134.08LM12	L	8	M12x1.5	6.0	6.0	47.0	21.0	14.0	14
34.134.10LM14	L	10	M14x1.5	7.0	8.0	49.0	22.0	15.0	17
34.134.12LM16	L	12	M16x1.5	9.0	10.0	52.0	24.0	17.0	19
34.134.15LM18	L	15	M18x1.5	11.0	12.0	60.0	28.0	21.0	19
34.134.18LM22	L	18	M22x1.5	14.0	15.0	67.0	31.0	23.5	24
34.134.06SM12	S	6	M12x1.5	4.0	4.0	49.0	23.0	16.0	14
34.134.08SM14	S	8	M14x1.5	5.0	5.0	51.0	24.0	17.0	17
34.134.10SM16	S	10	M16x1.5	7.0	7.0	53.0	25.0	17.5	19
34.134.12SM18	S	12	M18x1.5	8.0	8.0	57.0	29.0	21.5	22
34.134.14SM20	S	14	M20x1.5	10.0	10.0	62.0	30.0	22.0	19
34.134.16SM22	S	16	M22x1.5	12.0	12.0	65.0	33.0	24.5	24

MATERIAL: Carbon Steel
FINISH: : Chromium-(VI) Free plating

COMPLETE: With Double Edge Compression Ring and Tightening Nut (add an 'P' at the begin of REFERENCE)

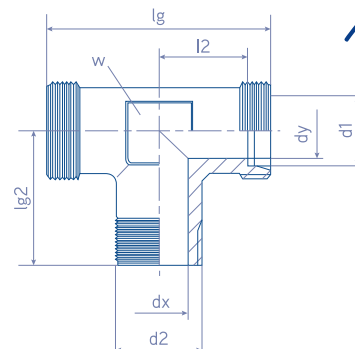
VERSIONS: Stainless Steel (add an 'S' at the end of the REFERENCE)



NPTF Male Branch Tee Tube Connector

34.126.

ISO 8434-1 tube coupling and ANSI B1.20.3 NPTF Thread



REFERENCE	serie	dimensions (mm)							
		Ø tube d1	d2	dx	dy	lg	lg2	l2	w
34.126.06LN02	L	6	1/8"	4.0	4.0	38.0	20.0	12.0	12
34.126.08LN04	L	8	1/4"	6.0	6.0	42.0	26.0	14.0	14
34.126.10LN04	L	10	1/4"	7.0	8.0	44.0	27.0	15.0	17
34.126.12LN04	L	12	1/4"	9.0	10.0	48.0	28.0	17.0	19
34.126.15LN08	L	15	1/2"	11.0	12.0	56.0	32.0	21.0	19
34.126.18LN08	L	18	1/2"	14.0	15.0	62.0	36.0	23.5	24
34.126.06SN04	S	6	1/4"	4.0	4.0	46.0	26.0	16.0	14
34.126.08SN04	S	8	1/4"	5.0	5.0	48.0	27.0	17.0	17
34.126.10SN06	S	10	3/8"	7.0	7.0	50.0	28.0	17.5	19
34.126.12SN06	S	12	3/8"	8.0	8.0	58.0	28.0	21.5	22
34.126.14SN08	S	14	1/2"	10.0	10.0	60.0	32.0	22.0	19
34.126.16SN08	S	16	1/2"	12.0	12.0	66.0	32.0	24.5	24

MATERIAL: Carbon Steel

FINISH: : Chromium-(VI) Free plating

COMPLETE: With Double Edge Compression Ring and Tightening Nut (add an 'P' at the begin of REFERENCE)

VERSIONS: Stainless Steel (add an 'S' at the end of the REFERENCE)

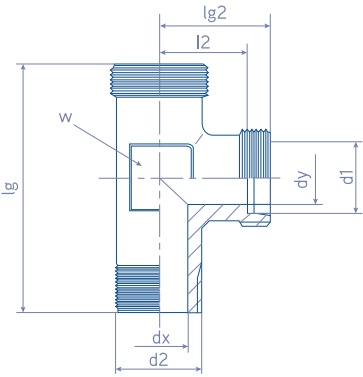
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NPTF Male Run Tee Tube Connector

34.127.

ISO 8434-1 tube coupling and ANSI B1.20.3 NPTF Thread



REFERENCE	serie	dimensions (mm)							
		Ø tube d1	d2	dx	dy	lg	lg2	l2	w
34.127.06LN02	L	6	1/8"	4.0	4.0	39.0	19.0	12.0	12
34.127.08LN04	L	8	1/4"	6.0	6.0	47.0	21.0	14.0	14
34.127.10LN04	L	10	1/4"	7.0	8.0	49.0	22.0	15.0	17
34.127.12LN04	L	12	1/4"	9.0	10.0	52.0	24.0	17.0	19
34.127.15LN08	L	15	1/2"	11.0	12.0	60.0	28.0	21.0	19
34.127.18LN08	L	18	1/2"	14.0	15.0	67.0	31.0	23.5	24
34.127.06SN04	S	6	1/4"	4.0	4.0	49.0	23.0	16.0	14
34.127.08SN04	S	8	1/4"	5.0	5.0	51.0	24.0	17.0	17
34.127.10SN06	S	10	3/8"	7.0	7.0	53.0	25.0	17.5	19
34.127.12SN06	S	12	3/8"	8.0	8.0	57.0	29.0	21.5	22
34.127.14SN08	S	14	1/2"	10.0	10.0	62.0	30.0	22.0	19
34.127.16SN08	S	16	1/2"	12.0	12.0	65.0	33.0	24.5	24

MATERIAL: Carbon Steel
FINISH: : Chromium-(VI) Free plating

COMPLETE: With Double Edge Compression Ring and Tightening Nut (add an 'P' at the begin of REFERENCE)

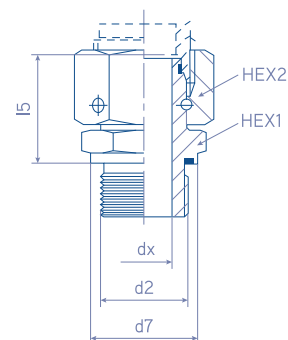
VERSIONS: Stainless Steel (add an 'S' at the end of the REFERENCE)



BSP Male Swivel Tube Connector

34.605.

ISO 8434-1 tube coupling and DIN ISO 1179-2 Form-E BSP Thread



REFERENCE	serie	dimensions (mm)						
		Ø tube d1	d2	d7	dx	l5	HEX 1	HEX 2
34.605.06LR02	L	6	1/8"	13.9	2.5	24.5	14	17
34.605.08LR04	L	8	1/4"	18.9	4.5	29.5	19	17
34.605.10LR04	L	10	1/4"	18.9	6.0	27.5	19	19
34.605.12LR06	L	12	3/8"	21.9	8.0	34.0	22	22
34.605.15LR08	L	15	1/2"	26.9	10.0	32.0	27	27
34.605.18LR08	L	18	1/2"	26.9	13.0	31.5	27	32
34.605.22LR12	L	22	3/4"	31.9	17.0	32.5	32	36
34.605.28LR16	L	28	1"	39.9	22.0	35.0	41	41
34.605.35LR20	L	35	1.1/4"	49.9	28.0	42.5	50	50
34.605.42LR24	L	42	1.1/2"	54.9	34.0	46.5	55	60
34.605.06SR04	S	6	1/4"	18.9	2.5	27.0	19	17
34.605.08SR04	S	8	1/4"	18.9	4.0	29.5	19	19
34.605.10SR06	S	10	3/8"	21.9	6.0	32.0	22	22
34.605.12SR06	S	12	3/8"	21.9	8.0	34.0	22	24
34.605.14SR08	S	14	1/2"	26.9	9.0	36.5	27	27
34.605.16SR08	S	16	1/2"	26.9	11.0	37.0	27	30
34.605.20SR12	S	20	3/4"	31.9	14.0	43.0	32	36
34.605.25SR16	S	25	1"	39.9	18.0	48.0	41	46
34.605.30SR20	S	30	1.1/4"	49.9	23.0	51.0	50	50
34.605.38SR24	S	38	1.1/2"	54.9	30.0	60.0	55	60

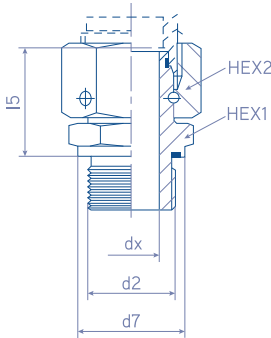
MATERIAL: Carbon Steel

FINISH: : Chromium-(VI) Free plating

VERSIONS: Stainless Steel (add an 'S'
at the end of the REFERENCE)

Metric Male Swivel Tube Connector

34.606.
ISO 9974-2 tube coupling and DIN ISO 1179-2 Form-E BSP Thread



REFERENCE	serie	dimensions (mm)						
		Ø tube d1	d2	d7	dx	l5	HEX 1	HEX 2
34.606.06LM10	L	6	M10x1.0	13.9	2.5	24.5	14	14
34.606.08LM12	L	8	M12x1.5	16.9	4.5	26.5	17	17
34.606.10LM14	L	10	M14x1.5	18.9	6.0	27.5	19	19
34.606.12LM16	L	12	M16x1.5	21.9	8.0	30.5	22	22
34.606.15LM18	L	15	M18x1.5	23.9	10.0	31.5	24	27
34.606.18LM22	L	18	M22x1.5	26.9	13.0	31.5	27	32
34.606.22LM26	L	22	M26x1.5	31.9	17.0	32.5	32	36
34.606.28LM33	L	28	M33x2.0	39.9	22.0	35.0	41	41
34.606.35LM42	L	35	M42x2.0	49.9	28.0	42.5	50	50
34.606.42LM48	L	42	M48x2.0	54.9	34.0	46.5	55	60
34.606.06SM12	S	6	M12x1.5	16.9	2.5	27.0	19	17
34.606.08SM14	S	8	M14x1.5	18.9	4.0	29.5	19	19
34.606.10SM16	S	10	M16x1.5	21.9	6.0	32.0	22	22
34.606.12SM18	S	12	M18x1.5	23.9	8.0	34.0	24	24
34.606.14SM20	S	14	M20x1.5	25.9	9.0	36.5	27	27
34.606.16SM22	S	16	M22x1.5	26.9	11.0	37.0	27	30
34.606.20SM27	S	20	M27x2.0	31.9	14.0	43.0	32	36
34.606.25SM33	S	25	M33x2.0	39.9	18.0	48.0	41	46
34.606.30SM42	S	30	M42x2.0	49.9	23.0	51.0	50	50
34.606.38SM48	S	38	M48x2.0	54.0	30.0	60.0	55	60

MATERIAL: Carbon Steel

FINISH: : Chromium-(VI) Free plating

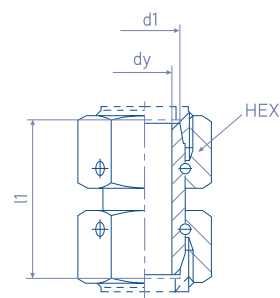
VERSIONS: Stainless Steel (add an 'S' at the end of the REFERENCE)



Metric Swivel Tube Connector

34.635.

ISO 8434-1 tube coupling



REFERENCE	serie	dimensions (mm)			
		Ø tube d1	dy	l1	HEX
34.635.06L	L	6	2.5	39.0	14
34.635.08L	L	8	4.5	39.5	17
34.635.10L	L	10	6.0	39.5	19
34.635.12L	L	12	8.0	39.5	22
34.635.15L	L	15	10.0	42.5	27
34.635.18L	L	18	13.0	45.0	32
34.635.22L	L	22	17.0	49.5	36
34.635.28L	L	28	22.0	51.5	41
34.635.35L	L	35	28.0	61.0	50
34.635.42L	L	42	34.0	62.5	60
34.635.06S	S	6	2.5	40.5	17
34.635.08S	S	8	4.0	40.5	19
34.635.10S	S	10	6.0	43.5	22
34.635.12S	S	12	8.0	44.0	24
34.635.14S	S	14	9.0	48.5	27
34.635.16S	S	16	11.0	49.0	30
34.635.20S	S	20	14.0	60.5	36
34.635.25S	S	25	18.0	67.5	46
34.635.30S	S	30	23.0	72.5	50
34.635.38S	S	38	30.0	83.0	60

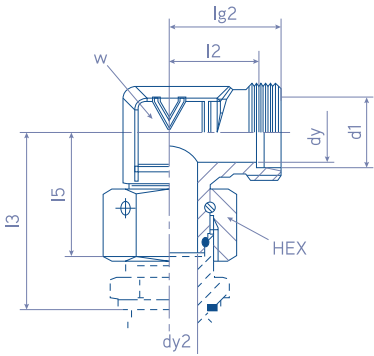
MATERIAL: Carbon Steel

FINISH: : Chromium-(VI) Free plating

VERSIONS: Stainless Steel (add an 'S'
at the end of the REFERENCE)

Swivel 90° Elbow Adjustable Tube Connector

34.642.
ISO 8434-1 tube coupling



REFERENCE	serie	dimensions (mm)								
		Ø tube d1	dy	dy2	lg2	l2	l3	l5	w	HEX
34.642.06LM12	L	6	4	2.5	19.0	12.0	34.5	26.0	12	14
34.642.08LM14	L	8	6	4.0	21.0	14.0	37.5	27.5	14	17
34.642.10LM16	L	10	8	6.0	22.0	15.0	40.0	29.0	14	19
34.642.12LM18	L	12	10	8.0	24.0	17.0	42.0	29.5	17	22
34.642.15LM22	L	15	12	10.0	28.0	21.0	46.0	32.5	19	27
34.642.18LM26	L	18	15	13.0	31.0	23.5	50.0	35.5	24	32
34.642.22LM30	L	22	19	17.0	35.0	27.5	55.0	38.5	27	36
34.642.28LM36	L	28	24	22.0	38.0	30.5	59.0	41.5	36	41
34.642.35LM45	L	35	30	28.0	45.0	34.5	68.5	51.0	41	50
34.642.42LM52	L	42	36	34.0	51.0	40.0	75.0	56.0	50	60
34.642.06SM14	S	6	4	2.5	23.0	16.0	40.0	27.0	14	17
34.642.08SM16	S	8	5	4.0	24.0	17.0	42.5	27.5	17	19
34.642.10SM18	S	10	7	6.0	25.0	17.5	45.0	30.0	19	22
34.642.12SM20	S	12	8	8.0	29.0	21.5	48.0	31.5	17	24
34.642.14SM22	S	14	10	9.0	30.0	22.0	54.0	35.0	19	27
34.642.16SM24	S	16	12	11.0	33.0	24.5	55.0	36.5	24	30
34.642.20SM30	S	20	16	14.0	37.0	26.5	65.0	44.5	27	36
34.642.25SM36	S	25	20	18.0	42.0	30.0	73.0	50.0	36	46
34.642.30SM42	S	30	25	23.0	49.0	35.5	78.5	55.0	41	50
34.642.38SM52	S	38	32	30.0	57.0	41.0	89.0	63.0	50	60

MATERIAL: Carbon Steel

FINISH: : Chromium-(VI) Free plating

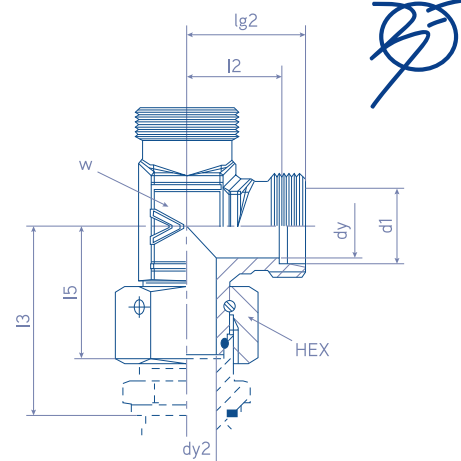
COMPLETE: With Double Edge Compression Ring and Tightening Nut (add an 'P' at the begin of REFERENCE)

VERSIONS: Stainless Steel (add an 'S' at the end of the REFERENCE)

Swivel Run Tee Adjustable Tube Connector

34.646.

ISO 8434-1 tube coupling



REFERENCE	serie	dimensions (mm)								
		Ø tube d1	dy	dy2	lg2	l2	l3	l5	w	HEX
34.646.06LM12	L	6	4	2.5	19.0	12.0	34.5	26.0	12	14
34.646.08LM14	L	8	6	4.0	21.0	14.0	37.5	27.5	14	17
34.646.10LM16	L	10	8	6.0	22.0	15.0	40.0	29.0	14	19
34.646.12LM18	L	12	10	8.0	24.0	17.0	42.0	29.5	17	22
34.646.15LM22	L	15	12	10.0	28.0	21.0	46.0	32.5	19	27
34.646.18LM26	L	18	15	13.0	31.0	23.5	50.0	35.5	24	32
34.646.22LM30	L	22	19	17.0	35.0	27.5	55.0	38.5	27	36
34.646.28LM36	L	28	24	22.0	38.0	30.5	59.0	41.5	36	41
34.646.35LM45	L	35	30	28.0	45.0	34.5	68.5	51.0	41	50
34.646.42LM52	L	42	36	34.0	51.0	40.0	75.0	56.0	50	60
34.646.06SM14	S	6	4	2.5	23.0	16.0	40.0	27.0	14	17
34.646.08SM16	S	8	5	4.0	24.0	17.0	42.5	27.5	17	19
34.646.10SM18	S	10	7	6.0	25.0	17.5	45.0	30.0	19	22
34.646.12SM20	S	12	8	8.0	29.0	21.5	48.0	31.5	17	24
34.646.14SM22	S	14	10	9.0	30.0	22.0	54.0	35.0	19	27
34.646.16SM24	S	16	12	11.0	33.0	24.5	55.0	36.5	24	30
34.646.20SM30	S	20	16	14.0	37.0	26.5	65.0	44.5	27	36
34.646.25SM36	S	25	20	18.0	42.0	30.0	73.0	50.0	36	46
34.646.30SM42	S	30	25	23.0	49.0	35.5	78.5	55.0	41	50
34.646.38SM52	S	38	32	30.0	57.0	41.0	89.0	63.0	50	60

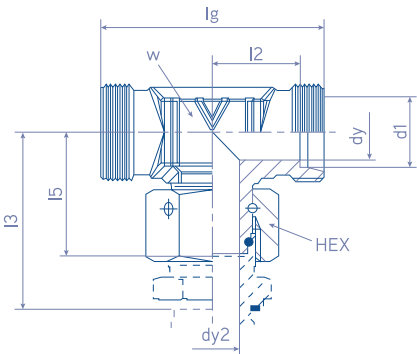
MATERIAL: Carbon Steel
FINISH: : Chromium-(VI) Free plating

COMPLETE: With Double Edge Compression Ring and Tightening Nut (add an 'P' at the begin of REFERENCE)

VERSIONS: Stainless Steel (add an 'S' at the end of the REFERENCE)

Swivel Branch Tee Adjustable Tube Connector

34.150.
ISO 8434-1 tube coupling



REFERENCE	serie	dimensions (mm)								
		Ø tube d1	dy	dy2	lg	l2	l3	l5	w	HEX
34.150.06LM12	L	6	4	2.5	38.0	12.0	34.5	26.0	12	14
34.150.08LM14	L	8	6	4.0	42.0	14.0	37.5	27.5	14	17
34.150.10LM16	L	10	8	6.0	44.0	15.0	40.0	29.0	14	19
34.150.12LM18	L	12	10	8.0	48.0	17.0	42.0	29.5	17	22
34.150.15LM22	L	15	12	10.0	56.0	21.0	46.0	32.5	19	27
34.150.18LM26	L	18	15	13.0	62.0	23.5	50.0	35.5	24	32
34.150.22LM30	L	22	19	17.0	70.0	27.5	55.0	38.5	27	36
34.150.28LM36	L	28	24	22.0	76.0	30.5	59.0	41.5	36	41
34.150.35LM45	L	35	30	28.0	90.0	34.5	68.5	51.0	41	50
34.150.42LM52	L	42	36	34.0	102.0	40.0	75.0	56.0	50	60
34.150.06SM14	S	6	4	2.5	46.0	16.0	40.0	27.0	14	17
34.150.08SM16	S	8	5	4.0	48.0	17.0	42.5	27.5	17	19
34.150.10SM18	S	10	7	6.0	50.0	17.5	45.0	30.0	19	22
34.150.12SM20	S	12	8	8.0	58.0	21.5	48.0	31.5	17	24
34.150.14SM22	S	14	10	9.0	60.0	22.0	54.0	35.0	19	27
34.150.16SM24	S	16	12	11.0	66.0	24.5	55.0	36.5	24	30
34.150.20SM30	S	20	16	14.0	74.0	26.5	65.0	44.5	27	36
34.150.25SM36	S	25	20	18.0	84.0	30.0	73.0	50.0	36	46
34.150.30SM42	S	30	25	23.0	98.0	35.5	78.5	55.0	41	50
34.150.38SM52	S	38	32	30.0	114.0	41.0	89.0	63.0	50	60

MATERIAL: Carbon Steel
FINISH: : Chromium-(VI) Free plating

COMPLETE: With Double Edge Compression Ring and Tightening Nut (add an 'P' at the begin of REFERENCE)

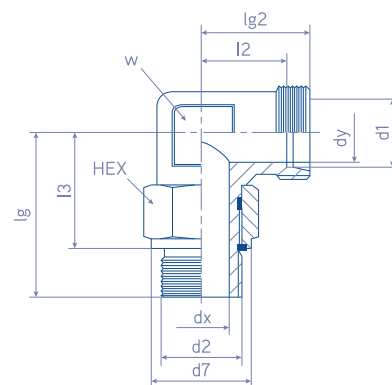
VERSIONS: Stainless Steel (add an 'S' at the end of the REFERENCE)



BSP Male Adjustable 90° Elbow Tube Connector

34.143.

ISO 8434-1 tube coupling and DIN ISO 1179-2 Form-E BSP Thread



REFERENCE	serie	dimensions (mm)										
		Ø tube d1	d2	d7	dx	dy	lg	lg2	l2	l3	w	HEX
34.143.06LR02	L	6	1/8"	13.9	4.0	4.0	29.0	21.0	14.0	21.0	14	14
34.143.08LR04	L	8	1/4"	18.9	7.0	6.0	38.0	23.0	16.0	26.0	17	19
34.143.10LR04	L	10	1/4"	18.9	7.0	8.0	38.0	24.0	17.0	26.0	17	19
34.143.12LR06	L	12	3/8"	21.9	10.0	10.0	41.0	26.0	19.0	29.0	19	22
34.143.15LR08	L	15	1/2"	26.9	12.5	12.0	44.0	28.0	21.0	30.0	22	27
34.143.18LR08	L	18	1/2"	26.9	12.5	15.0	51.0	33.0	25.5	37.0	27	27
34.143.22LR12	L	22	3/4"	35.9	18.0	19.0	55.0	35.0	27.5	39.0	27	36
34.143.28LR16	L	28	1"	40.9	21.5	24.0	68.5	40.0	32.5	50.5	41	41
34.143.35LR20	L	35	1.1/4"	49.9	27.5	30.0	76.0	46.5	36.0	56.0	50	50
34.143.42LR24	L	42	1.1/2"	54.9	33.0	36.0	79.5	51.0	40.0	57.5	50	55
34.143.06SR04	S	6	1/4"	18.9	6.0	4.0	38.0	25.0	18.0	26.0	17	19
34.143.08SR04	S	8	1/4"	18.9	7.0	5.0	38.0	25.0	18.0	26.0	17	19
34.143.10SR06	S	10	3/8"	21.9	10.0	7.0	41.0	27.0	19.5	29.0	19	22
34.143.12SR06	S	12	3/8"	21.9	10.0	8.0	41.0	29.0	21.5	29.0	19	22
34.143.14SR08	S	14	1/2"	26.9	10.0	10.0	44.0	30.0	22.0	30.0	24	27
34.143.16SR08	S	16	1/2"	26.9	10.0	12.0	51.0	35.0	26.5	37.0	27	27
34.143.20SR12	S	20	3/4"	35.9	15.5	16.0	55.0	38.0	27.5	39.0	27	36
34.143.25SR16	S	25	1"	40.9	21.5	20.0	68.5	44.0	32.0	50.5	41	41
34.143.30SR20	S	30	1.1/4"	49.9	27.5	25.0	76.0	50.0	36.5	56.0	50	50
34.143.38SR24	S	38	1.1/2"	54.9	33.0	32.0	79.5	57.0	41.0	57.5	50	55

MATERIAL: Carbon Steel
FINISH: : Chromium-(VI) Free plating

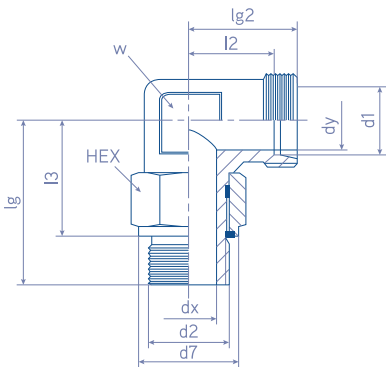
COMPLETE: With Double Edge Compression Ring and Tightening Nut (add an 'P' at the begin of REFERENCE)

VERSIONS: Stainless Steel (add an 'S' at the end of the REFERENCE)

Metric Male Ajustable 90º Elbow Tube Connector

34.144.

ISO 8434-1 tube coupling and ISO 9974-2 Form-E Metric Thread



REFERENCE	serie	dimensions (mm)										
		Ø tube d1	d2	d7	dx	dy	lg	lg2	l2	l3	w	HEX
34.144.06LM10	L	6	M10x1.0	13.9	4.5	4.0	29.5	21.0	14.0	21.5	14	14
34.144.08LM12	L	8	M12x1.5	16.9	6.0	6.0	36.5	23.0	16.0	24.5	17	19
34.144.10LM14	L	10	M14x1.5	18.9	7.5	8.0	39.0	24.0	17.0	27.0	17	19
34.144.12LM16	L	12	M16x1.5	21.9	9.0	10.0	40.0	26.0	19.0	28.0	19	22
34.144.15LM18	L	15	M18x1.5	23.9	11.0	12.0	32.0	28.0	21.0	30.0	22	27
34.144.18LM22	L	18	M22x1.5	26.9	14.0	15.0	49.5	33.0	25.5	35.5	27	27
34.144.22LM26	L	22	M26x1.5	31.9	18.0	19.0	53.0	35.0	27.5	37.0	27	36
34.144.28LM33	L	28	M33x2.0	40.9	23.0	24.0	68.5	40.0	32.5	50.5	41	41
34.144.35LM42	L	35	M42x2.0	49.9	30.0	30.0	75.5	46.5	36.0	55.5	50	50
34.144.42LM48	L	42	M48x2.0	54.9	36.0	36.0	79.5	51.0	40.0	57.5	50	55
34.144.06SM12	S	6	M12x1.5	16.9	4.0	4.0	36.5	25.0	18.0	24.5	17	19
34.144.08SM14	S	8	M14x1.5	18.9	6.0	5.0	39.0	25.0	18.0	27.0	17	19
34.144.10SM16	S	10	M16x1.5	21.9	7.0	7.0	40.0	27.0	19.5	28.0	19	22
34.144.12SM18	S	12	M18x1.5	23.9	9.0	8.0	42.0	29.0	21.5	30.0	19	22
34.144.16SM22	S	16	M22x1.5	26.9	12.0	12.0	49.5	35.0	26.5	35.5	27	27
34.144.20SM27	S	20	M27x2.0	31.9	15.0	16.0	56.0	38.0	27.5	40.0	27	36
34.144.25SM33	S	25	M33x2.0	40.9	20.0	20.0	68.5	44.0	32.0	50.5	41	41
34.144.30SM42	S	30	M42x2.0	49.9	26.0	25.0	75.5	50.0	36.5	55.5	50	50
34.144.38SM48	S	38	M48x2.0	54.9	32.0	32.0	79.5	57.0	41.0	57.5	50	55

MATERIAL: Carbon Steel
FINISH: : Chromium-(VI) Free plating

COMPLETE: With Double Edge Compression Ring and Tightening Nut (add an 'P' at the begin of REFERENCE)

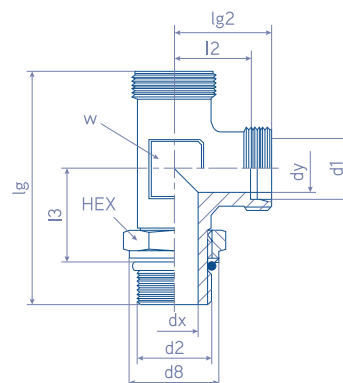
VERSIONS: Stainless Steel (add an 'S' at the end of the REFERENCE)



Metric Male Run Tee Tube Connector

34.148.

ISO 8434-1 tube coupling and ISO 9974-2 Form-E Metric Thread



REFERENCE	serie	dimensions (mm)										
		Ø tube d1	d2	d8	dx	dy	lg	lg2	l2	l3	w	HEX
34.148.06LM10	L	6	M10x1.0	14.5	4.5	4.0	44.0	27.0	15.0	20.0	14	14
34.148.08LM12	L	8	M12x1.5	17.5	6.0	6.0	44.0	32.0	15.0	22.0	14	17
34.148.10LM14	L	10	M14x1.5	19.5	7.5	8.0	49.0	35.0	17.5	25.0	17	19
34.148.12LM16	L	12	M16x1.5	22.5	9.0	10.0	54.0	36.0	20.0	26.0	19	22
34.148.15LM18	L	15	M18x1.5	24.5	11.0	12.0	56.0	41.0	21.0	30.0	22	24
34.148.18LM22	L	18	M22x1.5	27.5	14.0	15.0	66.0	45.0	25.5	33.0	27	27
34.148.22LM26	L	22	M26x1.5	32.5	18.0	19.0	70.0	49.0	27.5	35.0	27	32
34.148.28LM33	L	28	M33x2.0	41.5	23.0	24.0	76.0	52.0	30.5	38.0	36	41
34.148.35LM42	L	35	M42x2.0	50.5	30.0	30.0	90.0	62.0	34.5	48.0	41	50
34.148.42LM48	L	42	M48x2.0	55.5	36.0	36.0	102.0	65.0	40.0	49.0	50	55
34.148.06SM12	S	6	M12x1.5	17.5	4.0	4.0	44.0	32.0	15.0	22.0	17	17
34.148.08SM14	S	8	M14x1.5	19.5	6.0	5.0	54.0	36.0	20.0	26.0	19	19
34.148.10SM16	S	10	M16x1.5	22.5	7.0	7.0	55.0	38.0	20.0	27.0	19	22
34.148.12SM18	S	12	M18x1.5	24.5	9.0	8.0	58.0	43.0	21.5	31.0	22	24
34.148.16SM22	S	16	M22x1.5	27.5	12.0	12.0	66.0	49.0	24.5	35.0	22	27
34.148.20SM27	S	20	M27x2.0	32.5	15.0	16.0	74.0	55.0	26.5	39.0	27	32
34.148.25SM33	S	25	M33x2.0	41.5	20.0	20.0	84.0	60.0	30.0	44.0	36	41
34.148.30SM42	S	30	M42x2.0	50.5	26.0	25.0	98.0	68.0	35.5	51.0	41	50
34.148.38SM48	S	38	M48x2.0	55.5	32.0	32.0	114.0	73.0	41.0	54.0	50	55

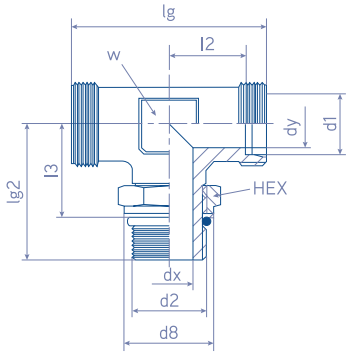
MATERIAL: Carbon Steel
FINISH: : Chromium-(VI) Free plating

COMPLETE: With Double Edge Compression Ring and Tightening Nut (add an 'P' at the begin of REFERENCE)

VERSIONS: Stainless Steel (add an 'S' at the end of the REFERENCE)

Metric Male Branch Tee Tube Connector

34.152.
ISO 8434-1 tube coupling and ISO 9974-2 Form-E Metric Thread



REFERENCE	serie	dimensions (mm)										
		Ø tube d1	d2	d8	dx	dy	lg	lg2	l2	l3	w	HEX
34.152.06LM10	L	6	M10x1.0	14.5	4.5	4.0	48.0	21.0	14.0	20.0	14	14
34.152.08LM12	L	8	M12x1.5	17.5	6.0	6.0	55.0	23.0	16.0	22.0	14	17
34.152.10LM14	L	10	M14x1.5	19.5	7.5	8.0	59.0	24.0	17.0	25.0	17	19
34.152.12LM16	L	12	M16x1.5	22.5	9.0	10.0	62.0	26.0	19.0	26.0	19	22
34.152.15LM18	L	15	M18x1.5	24.5	11.0	12.0	69.0	28.0	21.0	30.0	22	24
34.152.18LM22	L	18	M22x1.5	27.5	14.0	15.0	79.0	34.0	26.5	33.0	27	27
34.152.22LM26	L	22	M26x1.5	32.5	18.0	19.0	84.0	35.0	27.5	35.0	27	32
34.152.28LM33	L	28	M33x2.0	41.5	23.0	24.0	90.0	38.0	30.5	38.0	36	41
34.152.35LM42	L	35	M42x2.0	50.5	30.0	30.0	107.0	45.0	34.5	48.0	41	50
34.152.42LM48	L	42	M48x2.0	55.5	36.0	36.0	116.0	51.0	40.0	49.0	50	55
34.152.06SM12	S	6	M12x1.5	17.5	4.0	4.0	55.0	23.0	16.0	22.0	17	17
34.152.08SM14	S	8	M14x1.5	19.5	6.0	5.0	60.0	24.0	17.0	26.0	19	19
34.152.10SM16	S	10	M16x1.5	22.5	7.0	7.0	65.0	27.0	19.5	27.0	19	22
34.152.12SM18	S	12	M18x1.5	24.5	9.0	8.0	75.0	32.0	24.5	31.0	22	24
34.152.16SM22	S	16	M22x1.5	27.5	12.0	12.0	82.0	33.0	24.5	35.0	22	27
34.152.20SM27	S	20	M27x2.0	32.5	15.0	16.0	92.0	37.0	26.5	39.0	27	32
34.152.25SM33	S	25	M33x2.0	41.5	20.0	20.0	102.0	42.0	30.0	44.0	36	41
34.152.30SM42	S	30	M42x2.0	50.5	26.0	25.0	117.0	49.0	35.5	51.0	41	50
34.152.38SM48	S	38	M48x2.0	55.5	32.0	32.0	130.0	57.0	41.0	54.0	50	55

MATERIAL: Carbon Steel
FINISH: : Chromium-(VI) Free plating

COMPLETE: With Double Edge Compression Ring and Tightening Nut (add an 'P' at the begin of REFERENCE)

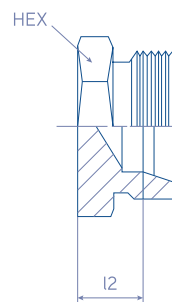
VERSIONS: Stainless Steel (add an 'S' at the end of the REFERENCE)



Tube Blanking Screw

34.175.

ISO 8434-1 Plug



REFERENCE	serie	dimensions (mm)		
		Ø tube d1	l2	HEX
34.175.06L	L	6	7.0	12
34.175.08L	L	8	8.0	14
34.175.10L	L	10	9.0	17
34.175.12L	L	12	10.0	19
34.175.15L	L	15	11.0	24
34.175.18L	L	18	11.5	27
34.175.22L	L	22	13.5	32
34.175.28L	L	28	14.5	41
34.175.35L	L	35	14.5	46
34.175.42L	L	42	18.5	55
34.175.06S	S	6	11.0	14
34.175.08S	S	8	13.0	17
34.175.10S	S	10	12.5	19
34.175.12S	S	12	14.5	22
34.175.14S	S	14	16.0	24
34.175.16S	S	16	15.5	27
34.175.20S	S	20	17.5	32
34.175.25S	S	25	20.0	41
34.175.30S	S	30	20.5	46
34.175.38S	S	38	23.0	55

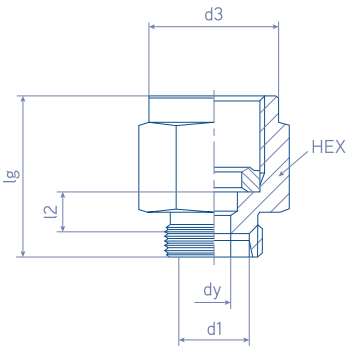
MATERIAL: Carbon Steel
FINISH: : Chromium-(VI) Free plating

COMPLETE: With Double Edge Compression Ring and Tightening Nut (add an 'P' at the begin of REFERENCE)

VERSIONS: Stainless Steel (add an 'S' at the end of the REFERENCE)

BSP Gauge Tube Connector

34.159.



REFERENCE	serie	dimensions (mm)					
		Ø tube d1	d3	dy	lg	l2	HEX
34.159.06LR04	L	6	1/4"	4.0	29.0	7.5	19
34.159.08LR04	L	8	1/4"	4.0	29.0	7.5	19
34.159.10LR04	L	10	1/4"	4.0	30.0	8.5	19
34.159.12LR04	L	12	1/4"	4.0	30.0	8.5	19

MATERIAL: Carbon Steel
FINISH: : Chromium-(VI) Free plating

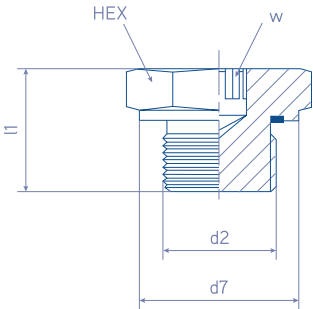
COMPLETE: With Double Edge Compression Ring and Tightening Nut (add an 'P' at the begin of REFERENCE)

VERSIONS: Stainless Steel (add an 'S' at the end of the REFERENCE)

Metric Plug with Hexagon Socket

34.177.

ISO 8434-1 Plug



REFERENCE	dimensions (mm)				
	d2	d7	l1	W	HEX
34.177.M10	M10X1.0	13.9	18.0	5	14
34.177.M12	M12x1.5	17.0	17.3	6	17
34.177.M14	M14x1.5	18.9	22.0	8	19
34.177.M16	M16x1.5	21.9	17.3	8	22
34.177.M18	M18x1.5	23.9	22.0	8	24
34.177.M20	M20x1.5	25.9	19.3	10	27
34.177.M22	M22x1.5	27.0	19.3	10	30
34.177.M24	M24x1.5	29.9	19.3	12	32
34.177.M26	M26x1.5	31.9	21.3	12	36
34.177.M27	M27x2.0	32.0	21.3	12	36
34.177.M33	M33x2.0	46.0	33.0	17	41
34.177.M42	M42x2.0	49.9	22.8	22	46
34.177.M48	M48x2.0	55.0	22.8	24	50

MATERIAL: Carbon Steel
FINISH: : Chromium-(VI) Free plating

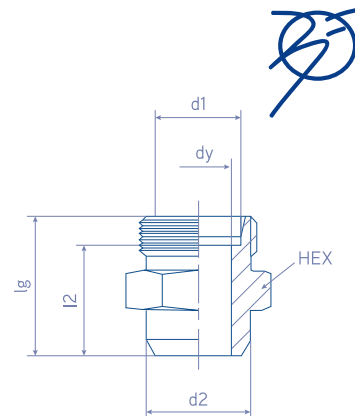
COMPLETE: With Double Edge Compression Ring and Tightening Nut (add an 'P' at the begin of REFERENCE)

VERSIONS: Stainless Steel (add an 'S' at the end of the REFERENCE)

Straight Welding Tube Connector

34.155.

ISO 8434-1 tube coupling



REFERENCE	serie	dimensions (mm)					
		Ø tube d1	d2	dy	lg	l2	HEX
34.155.06L	L	6	10.0	4.0	21.0	14.0	12
34.155.08L	L	8	12.0	6.0	23.0	16.0	14
34.155.10L	L	10	14.0	8.0	25.0	16.0	17
34.155.12L	L	12	16.0	10.0	25.0	18.0	19
34.155.15L	L	15	19.0	12.0	29.0	22.0	22
34.155.18L	L	18	22.0	15.0	31.0	23.5	27
34.155.22L	L	22	27.0	19.0	36.0	28.5	32
34.155.28L	L	28	32.0	24.0	38.0	30.5	41
34.155.35L	L	35	40.0	30.0	43.0	32.5	46
34.155.42L	L	42	46.0	36.0	46.0	35.0	55
34.155.06S	S	6	11.0	4.0	26.0	19.0	14
34.155.08S	S	8	13.0	5.0	28.0	21.0	17
34.155.10S	S	10	15.0	7.0	30.0	22.5	19
34.155.12S	S	12	17.0	8.0	32.0	24.5	22
34.155.14S	S	14	19.0	10.0	35.0	27.0	24
34.155.16S	S	16	21.0	12.0	35.0	26.5	27
34.155.20S	S	20	26.0	16.0	40.0	29.5	32
34.155.25S	S	25	31.0	20.0	44.0	32.0	41
34.155.30S	S	30	36.0	25.0	49.0	35.5	46
34.155.38S	S	38	44.0	32.0	54.0	38.0	55

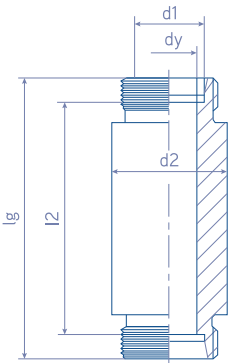
MATERIAL: Carbon Steel
FINISH: : Chromium-(VI) Free plating

COMPLETE: With Double Edge Compression Ring and Tightening Nut (add an 'P' at the begin of REFERENCE)

VERSIONS: Stainless Steel (add an 'S' at the end of the REFERENCE)

Bulkhead Welding Tube Connector

34.156.
ISO 8434-1 tube coupling



REFERENCE	serie	dimensions (mm)				
		Ø tube d1	d2	dy	lg	l2
34.156.06L	L	6	18.0	4.0	70.0	56.0
34.156.08L	L	8	20.0	6.0	70.0	56.0
34.156.10L	L	10	22.0	8.0	72.0	58.0
34.156.12L	L	12	25.0	10.0	72.0	58.0
34.156.15L	L	15	28.0	12.0	84.0	70.0
34.156.18L	L	18	32.0	15.0	84.0	69.0
34.156.22L	L	22	36.0	19.0	88.0	73.0
34.156.28L	L	28	40.0	24.0	88.0	73.0
34.156.35L	L	35	50.0	30.0	92.0	71.0
34.156.42L	L	42	60.0	36.0	92.0	70.0
34.156.06S	S	6	20.0	4.0	74.0	60.0
34.156.08S	S	8	22.0	5.0	74.0	60.0
34.156.10S	S	10	25.0	7.0	74.0	59.0
34.156.12S	S	12	28.0	8.0	74.0	59.0
34.156.14S	S	14	30.0	10.0	88.0	72.0
34.156.16S	S	16	35.0	12.0	88.0	71.0
34.156.20S	S	20	38.0	16.0	92.0	71.0
34.156.25S	S	25	45.0	20.0	96.0	72.0
34.156.30S	S	30	50.0	25.0	100.0	73.0
34.156.38S	S	38	60.0	32.0	104.0	72.0

MATERIAL: Carbon Steel
FINISH: : Chromium-(VI) Free plating

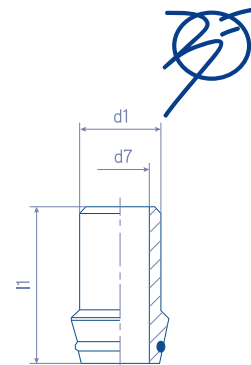
COMPLETE: With Double Edge Compression
Ring and Tightening Nut (add an 'P' at the
begin of REFERENCE)

VERSIONS: Stainless Steel (add an 'S'
at the end of the REFERENCE)

Welding Nipple With O-ring

34.157.

ISO 8434-1 tube coupling



REFERENCE	serie	dimensions (mm)		
		Ø tube d1	d7	l1
34.157.06LS	L/S	6	3.0	31.0
34.157.08LS	L/S	8	5.0	31.0
34.157.10LS	L/S	10	8.0	32.5
34.157.12LS	L/S	12	9.0	32.5
34.157.15L	L	15	11.0	34.5
34.157.18L	L	18	13.0	36.0
34.157.22L	L	22	17.0	38.5
34.157.28L	L	28	23.0	41.5
34.157.35L	L	35	28.0	47.5
34.157.42L	L	42	36.0	47.5
34.157.14S	S	6	10.0	38.5
34.157.16S	S	8	13.0	39.0
34.157.20S	S	10	16.0	45.0
34.157.25S	S	12	20.0	50.0
34.157.30S	S	14	24.0	52.0
34.157.38S	S	16	32.0	56.5

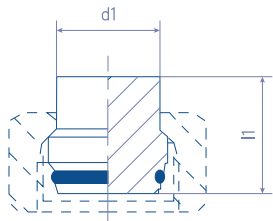
MATERIAL: Carbon Steel

FINISH: : Chromium-(VI) Free plating

VERSIONS: Stainless Steel (add an 'S' at the end of the REFERENCE)

Blanking Nipple

34.158.
ISO 8434-1 nipple



REFERENCE	serie	dimensions (mm)	
		Ø tube d1	l1
34.158.06LS	L/S	6	18.5
34.158.08LS	L/S	8	19.0
34.158.10LS	L/S	10	21.0
34.158.12LS	L/S	12	21.5
34.158.15L	L	15	20.5
34.158.18L	L	18	23.5
34.158.22L	L	22	26.0
34.158.28L	L	28	26.5
34.158.35L	L	35	32.0
34.158.42L	L	42	32.5
34.158.14S	S	6	24.0
34.158.16S	S	8	25.0
34.158.20S	S	10	30.5
34.158.25S	S	12	32.5
34.158.30S	S	14	35.5
34.158.38S	S	16	40.5

MATERIAL: Carbon Steel

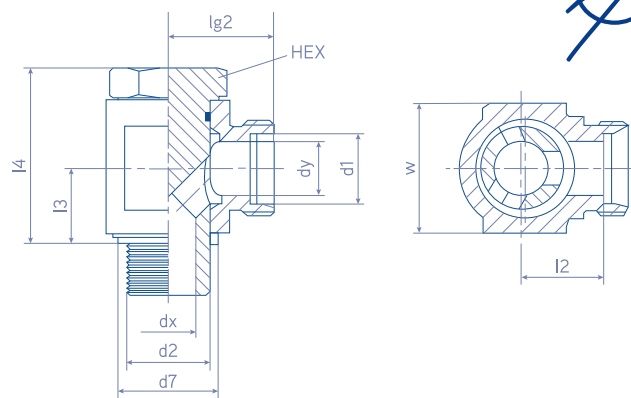
FINISH: : Chromium-(VI) Free plating

VERSIONS: Stainless Steel (add an 'S' at the end of the REFERENCE)

BSP Banjo Tube Connector

34.113.

ISO 8434-1 tube coupling and DIN ISO 1179-1 Form-B
BSP Thread



REFERENCE	serie	dimensions (mm)										
		Ø tube d1	d2	d7	dx	dy	lg2	l2	l3	l4	w	HEX
34.113.06LR02	L	6	1/8"	14.9	4.0	4.0	19.0	12.0	10.5	25.3	19	17
34.113.08LR04	L	8	1/4"	18.9	6.0	6.0	21.5	14.5	14.0	31.5	22	19
34.113.10LR04	L	10	1/4"	18.9	8.0	8.0	22.5	15.5	14.0	33.0	22	19
34.113.12LR06	L	12	3/8"	21.9	10.0	10.0	25.0	18.0	16.5	38.5	27	22
34.113.15LR08	L	15	1/2"	26.9	12.0	12.0	29.0	22.0	21.5	45.5	32	27
34.113.18LR08	L	18	1/2"	26.9	15.0	15.0	29.0	21.5	21.5	47.5	36	27
34.113.22LR12	L	22	3/4"	32.9	19.0	19.0	36.0	28.5	24.0	56.5	46	36
34.113.28LR16	L	28	1"	39.9	24.0	24.0	39.0	31.5	30.5	68.0	50	41
34.113.35LR20	L	35	1.1/4"	49.9	30.0	30.0	46.0	35.5	35.5	78.0	60	50
34.113.42LR24	L	42	1.1/2"	55.9	36.0	36.0	51.0	40.0	40.5	88.5	70	60
34.113.06SR04	S	6	1/4"	18.9	4.0	4.0	23.5	16.5	14.0	30.5	22	19
34.113.08SR04	S	8	1/4"	18.9	5.0	5.0	23.5	16.5	14.0	31.0	22	19
34.113.10SR06	S	10	3/8"	21.9	7.0	7.0	26.0	18.5	16.5	37.0	27	22
34.113.12SR06	S	12	3/8"	21.9	8.0	8.0	26.0	18.5	16.5	37.5	27	22
34.113.14SR08	S	14	1/2"	26.9	10.0	10.0	31.0	23.0	21.5	44.0	32	27
34.113.16SR08	S	16	1/2"	26.9	12.0	12.0	31.0	22.5	21.5	47.0	36	27
34.113.20SR12	S	20	3/4"	32.9	16.0	16.0	38.0	27.5	24.0	55.0	46	36
34.113.25SR16	S	25	1"	39.9	20.0	20.0	43.0	31.0	30.5	66.5	50	41
34.113.30SR20	S	30	1.1/4"	49.9	25.0	25.0	50.0	36.5	35.5	75.5	60	50
34.113.38SR24	S	38	1.1/2"	55.9	32.0	32.0	57.0	41.0	40.5	86.5	70	60

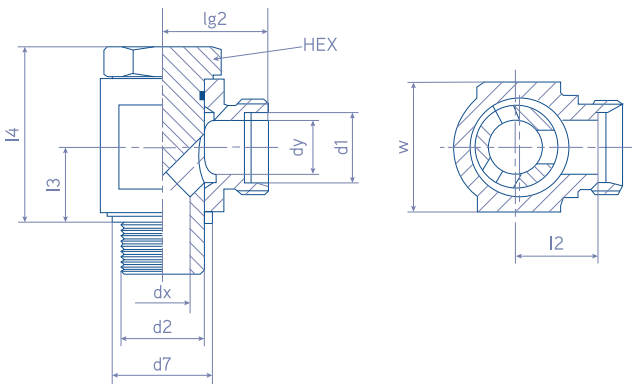
MATERIAL: Carbon Steel
FINISH: : Chromium-(VI) Free plating

COMPLETE: With Double Edge Compression
Ring and Tightening Nut (add an 'P' at the
begin of REFERENCE)

VERSIONS: Stainless Steel (add an 'S'
at the end of the REFERENCE)

Metric Banjo Tube Connector

34.114.
ISO 8434-1 tube coupling and ISO 9974-1 Form-B
Metric Thread



REFERENCE	serie	dimensions (mm)										
		Ø tube d1	d2	d7	dx	dy	lg2	l2	l3	l4	w	HEX
34.114.06LM10	L	6	M10x1.0	14.9	4.0	4.0	19.0	12.0	10.5	25.3	19	14
34.114.08LM12	L	8	M12x1.5	17.0	6.0	6.0	21.5	14.5	14.0	31.5	22	17
34.114.10LM14	L	10	M14x1.5	18.9	8.0	8.0	22.5	15.5	14.0	33.0	22	19
34.114.12LM16	L	12	M16x1.5	21.9	10.0	10.0	25.0	18.0	16.5	38.5	27	22
34.114.15LM18	L	15	M18x1.5	26.9	12.0	12.0	29.0	22.0	21.5	45.5	32	24
34.114.18LM22	L	18	M22x1.5	26.9	15.0	15.0	29.0	21.5	21.5	47.5	36	27
34.114.22LM26	L	22	M26x1.5	32.9	19.0	19.0	36.0	28.5	24.0	56.5	46	32
34.114.28LM33	L	28	M33x2.0	39.9	24.0	24.0	39.0	31.5	30.5	68.0	50	41
34.114.35LM42	L	35	M42x2.0	49.9	30.0	30.0	46.0	35.5	35.5	78.0	60	50
34.114.42LM48	L	42	M48x2.0	55.9	36.0	36.0	51.0	40.0	40.5	88.5	70	60
34.114.06SM12	S	6	M12x1.5	17.0	4.0	4.0	23.5	16.5	14.0	30.5	22	17
34.114.08SM14	S	8	M14x1.5	18.9	5.0	5.0	23.5	16.5	14.0	31.0	22	19
34.114.10SM16	S	10	M16x1.5	21.9	7.0	7.0	26.0	18.5	16.5	37.0	27	22
34.114.12SM18	S	12	M18x1.5	23.9	8.0	8.0	26.0	18.5	16.5	37.5	27	24
34.114.16SM22	S	16	M22x1.5	26.9	12.0	12.0	31.0	22.5	21.5	47.0	36	27
34.114.20SM27	S	20	M27x2.0	32.9	16.0	16.0	38.0	27.5	24.0	55.0	46	36
34.114.25SM33	S	25	M33x2.0	39.9	20.0	20.0	43.0	31.0	30.5	66.5	50	41
34.114.30SM42	S	30	M42x2.0	49.9	25.0	25.0	50.0	36.5	35.5	75.5	60	50
34.114.38SM48	S	38	M48x2.0	55.9	32.0	32.0	57.0	41.0	40.5	86.5	70	60

MATERIAL: Carbon Steel
FINISH: : Chromium-(VI) Free plating

COMPLETE: With Double Edge Compression
Ring and Tightening Nut (add an 'P' at the
begin of REFERENCE)

VERSIONS: Stainless Steel (add an 'S'
at the end of the REFERENCE)