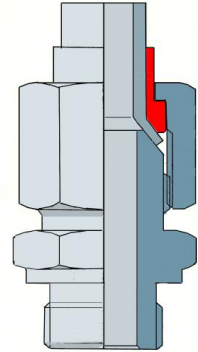
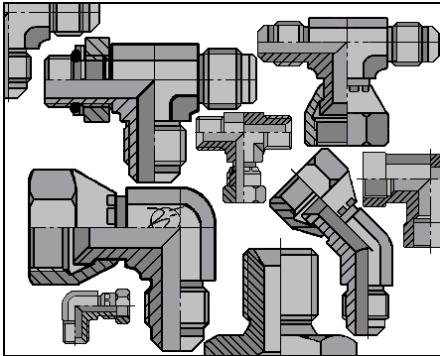




Balfit® SAE 37° Flared Pipe Fittings



Balfit® SAE 37° Flared and NPT Connectors Hydraulic Pipe Fittings (Series 35)

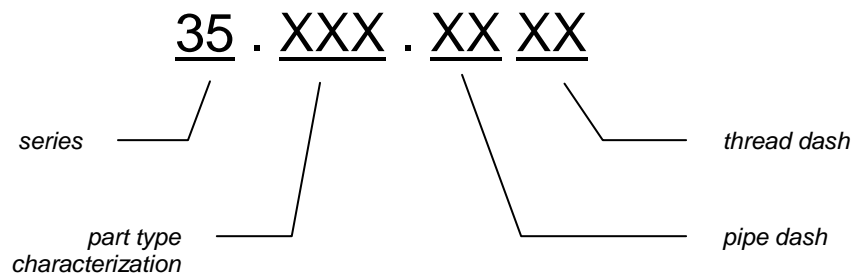
The range of **Balfit®** 37° flared hydraulic pipe fittings is produced according to **Balflex®** specifications and to **ISO 8434-2** and **SAE J514** standards. It covers a very wide variety of applications typical of hydraulic pipe pressure lines.

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. The **Balfit®** hydraulic fittings program in this catalogue includes complete fittings for three-piece tube assembly with one end in UNF thread 37° flared and other ends with:

- UNF thread 37° flared
- NPT thread
- UNF straight thread with o-ring
- BSP parallel thread

Furthermore it includes pipe thread (**NPSM** and **NPT**) connectors included in SAE J514.

The **Balfit®** hydraulic pipe fittings part code is composed of three groups of digits:



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Balfit® SAE 37° Flared Pipe Fittings

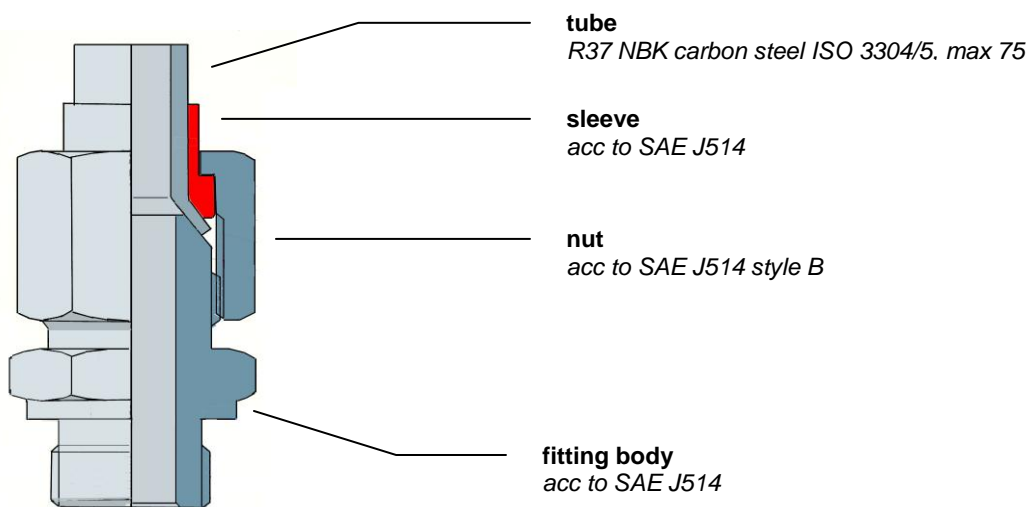


Flared tube operation principle

The 37° flared mechanical fittings assure assembly of threaded fittings to flared hydraulic tubes without any need of welding. It provides assembly simplicity with perfect sealing characteristics.

Sealing is achieved through tightness of the two conical surfaces of fitting and tube. In the Balfit® three piece tube assembly, a sleeve fits on the flared tube and into the tightening nut. When the nut is tightened the sleeve is compressed against the pipe flare and the fitting cone, assuring both securement and metal to metal sealing.

Balfit® 37° flared tube fittings feature single seal reduced surface, that allows high pressure even at low torque levels. Installation and maintenance are thus simplified. Furthermore, simple interchange of the sleeve allows to use the same fittings and nuts with Metric or Imperial tube sizes.



Assembly Instructions

The assembly sequence comprises the following 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 two and a half times the length of the nut; the tube edges must be deburred.
- The nut and the sleeve are inserted up the tube as in the picture above; the larger diameter of the ring must face the end of the tube to be flared.
- The tube is flared with appropriate machine and hardened tools (internal cone angle 74°, external cone angle 66°); check alignment of tube and flaring.
- All components that will be tightened must be lubricated.

Note: In step c) make sure that the tube is correctly aligned while flaring. Misalignments may lead to leakage and untightening. If the flaring has not the appropriate size and alignment the process has to be restarted. Fittings and nuts should not be used to align improperly bent or flared tube; the strain on the joint may lead to leakage.

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Balfit[®] SAE 37° Flared Pipe Fittings

Technical Characteristics

The Balfit[®] 37° flared tube fittings in carbon steel are designed for petroleum based hydraulic fluids applications with a **temperature range of - 20°C (- 4°F) to + 100°C (+ 212°F)**. Fittings without incorporated sealing rings may exceed these temperature limits up to 150°C. Stainless steel variants of the fittings with viton seals, achieving maximum temperatures of 200° C (+ 392°F), are listed in the catalogue pages. If other fluids are used, corrosion resistance of the fittings should be verified before application.

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 (+ 68°F). A linear de-rating factor of 12% / 100°C (+ 212°F) should be used for higher working temperatures. A further de-rating factor of 60% should be used for applications with high impulse cycles.

All bend, tee and cross Balfit[®] 37° flared tube Series 35K fittings are made from forged parts, assuring higher reliability and longer service life-span. Straight parts are machined from stock bars.

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.

General Guidelines

Hydraulic hose lines should always be inspected and hydraulically tested before installment. All hydraulic systems should be tested against leakage and with appropriate precautions after any intervention.

The failure of hydraulic lines may be dangerous and expose people and property to irreversible damage. Among other occurrences that must be prevented are the high velocity and high temperature projection of hydraulic fluid, the projection of connectors, pipes and it's parts, spillage or combustion of the fluid, immovability, fall or sudden movement of masses controlled by the hydraulic system.

Hydraulic connectors should be stored protected from humidity and other corrosion inducing factors. Packaging should protect sealing areas and threads against shocks and other damage. Whenever the weight of the parts or the packaging type does not allow assuring this kind of protection, individual plastic caps should be used. All connectors should preferably be handled in small quantities and never in bulk quantities.

Recovered materials should never be used, as the degree of aging and fatigue is unknown and materials that pass visual inspection may be close to life limit. Good practice recommendations and standards exclude therefore the reutilization of used hose. The reutilization of recovered connectors should also be considered with the greatest restraint, as sealing and resistance characteristics may be sharply reduced.

Manufacturing processes leave dirt residues in the tube. Cutting and deburring may leave metal particles that should be removed in order to prevent contamination of the hydraulic system.

Important notice

Selection, assembly and installation of hydraulic lines require specific professional training. This catalogue only supplies additional information and technical data for selection and use of Balfit[®] 37° flared fittings.

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Balfit® SAE 37° Flared Pipe Fittings



Cross-reference for SAE 37° Flared Pipe Fittings

Showing **Balfit®** SAE 37° flared fittings type with corresponding competitor's SAE 37° flared fittings type

Balfit® SAE 37° Flared Pipe Fittings 35 Serie type	Aeroquip Eaton	Air Way	Brennan	Imperial Eastman	Parker	Weather head
35.017 – Locknut					WLN	
35.110 – Nut	1290	318	318	841 - FS	BTX / 06B	C 5105
35.120 – Sleeve Metric Pipe					TX Metric	
35.121 – Sleeve Inch Pipe	900605	319	319	840 - FS	TX / 06S	C 5165
35.140 – JIC Plug	900599	2408	2408	839 - FS	PNTX / 03CP	C 5229
35.141 – Str Thread Plug	900598	6408	6408	721 - FSO	P50N	C 7237
35.142 – Cap					FNTX	
35.160 – Sw Con JIC F x NPT M					F6X / 0506	
35.180 – Sw Con JIC F x SAE-ORB M					F650X	
35.200 – Male Connector	2021	2404	2404	848 - FS	FTX / 103	C 5205
35.220 – St. Thread Conn.	202702	6400	6400	848 - FSO	F5OX / 0503	C 5315
35.230 – BSPP Connector			7002		F42EDMX	
35.235 – Sw Con JIC F x BSPP M					F642EDMX	
35.250 – Bulkhead Union	2041	2700	2700	832 - FS	WTX	C 5325
35.260 – Straight Union	2027	2403	2403	842 - FS	HTX / 0303	C 5305
35.280 – Male JIC x Female NPT Con					GTX / 0203	
35.281 – NPT Fem x Pipe NPT Fem	2046	1405	1405	60 - SG	GG / 0202	9255
35.282 – Sw. NPT Male x Sw NPSM Female	2045	1404	1404	60 - SA	0207	9205
35.285 – Fixed NPT Fem x Sw NPSM Fem						
35.290 – 90° Elbow JIC M x NPT F					DTX	
35.291 – NPT Fem Run Tee					MTX / 023T	
35.292 – NPT Fem Branch Tee					OTX / 223T	
35.500 – Union 90° Elbow	2039	2500	2500	855 - FS	ETX / 2303	C 5505
35.505 – Union Tee	2033	2603	2603	844 - FS	JTX / 033 T	C 5705
35.525 – Male 90° Elbow	2024	2501	2501	849 - FS	CTX / 2103	C 5405
35.530 – NPT Run Tee	2028	2605	2605	851 - FS	RTX / 013T	C 5755
35.535 – NPT Branch Tee	2030	2601	2601	845 - FS	STX / 213T	C 5605
35.540 – 45° Male Elbow	2023	2503	2503	854 - FS	VTX / 3103	C 5355
35.575 – 90° St. Tread Elbow	2062	6801	6801	849 - FSO	C50X / 2503	C 5515
35.580 – Str Thr Run Tee	203005	6804	6804	851 - FSO	R50X / 053T	
35.585 – Str Thr Branch Tee	203003	6803	6803	845 - FSO	S50X / 253T	C 5715
35.590 – 45° St. Tread Elbow	2061	6802	6802	854 - FSO	V50X / 3503	C 5365
35.600 – 90° BSP Elbow			7200		C40MX	
35.605 – BSP Run Tee					R40MX	
35.610 – BSP Branch Tee					S40MX	
35.650 – Bulkhead 90° Elbow	2043	2701	2701	855BH - FS	WETX / 2353	
35.675 – Swivel 90° Elbow	2071	6500	6500	879 - FS	C6X / 3903	C 5506
35.680 – Swivel Run Tee	203102	6602	6602	871 - FS	R6X / 063T	C 5706
35.685 – Swivel Branch Tee	203101	6600	6600	872 - FS	S6X / 393T	C 5707
35.690 – Swivel 45° Elbow	2070	6502	6502	889 - FS	V6X / 3703	

Some Eaton-Aeroquip and Parker size references are reversed

The information provided by this Cross-reference chart is intended as a reference guide only. These SAE 37° flared fittings are similar but not exactly equal in all technical data and dimensions. Refer to SAE 37° flared fittings specifications to assure that the suggested SAE 37° flared fitting will attend the required application.

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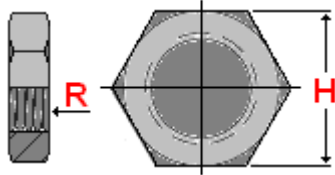


Balfit[®] SAE 37° Flared Pipe Fittings

Balfit[®] Bulkhead Locknut – 35.017.

carbon steel bulkhead locknut for 37° flared pipe fittings

SAE# 070117



According to **ISO 8434-2** According to **SAE J514**

Material: Carbon Steel

Finish: Zinc-plated

part number	dimensions	
	R	H
35.017.03	3/8" – 24	15
35.017.04	7/16" – 20	15
35.017.05	1/2" – 20	19
35.017.06	9/16" – 18	22
35.017.08	3/4" – 16	25
35.017.10	7/8" – 14	28
35.017.12	1.1/16" – 12	36
35.017.14	1.3/16" – 12	41
35.017.16	1.5/16" – 12	41
35.017.20	1.5/8" – 12	46
35.017.24	1.7/8" – 12	50
35.017.32	2.1/2" – 12	70

also available:

Balfit[®] Stainless Steel Locknut

(add an 'S' at the end of the part number; ex: 35.017.08 S)

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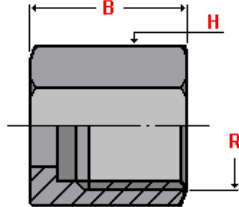
Balfit[®] SAE 37° Flared Pipe Fittings



Balfit[®] Tightening Nut – 35.110.

carbon steel tightening nut for 37° flared pipe fittings with sleeves

SAE# 070110



According to **ISO 8434-2** According to **SAE J514**

Material: Carbon Steel

Finish: Zinc-plated

part number	∅ tube		dimensions		
	mm	inch	R	B	H
35.110.02	2	1/8"	5/16" – 24	14	10
35.110.03	4	3/16"	3/8" – 24	15	11
35.110.04	6	1/4"	7/16" – 20	16	14
35.110.05	8	5/16"	1/2" – 20	17	17
35.110.06	10	3/8"	9/16" – 18	18	19
35.110.08	12	1/2"	3/4" – 16	21	22
35.110.10	16	5/8"	7/8" – 14	25	27
35.110.12	20	3/4"	1.1/16" – 12	26	32
35.110.14	22	7/8"	1.3/16" – 12	27	35
35.110.16	25	1"	1.5/16" – 12	28	41
35.110.20	32	1.1/4"	1.5/8" – 12	31	50
35.110.24	38	1.1/2"	1.7/8" – 12	36	60
35.110.32	50	2"	2.1/2" – 12	44	86

also available:

Balfit[®] Stainless Steel Tightening Nut

(add an 'S' at the end of the part number; ex: 35.110.08 S)

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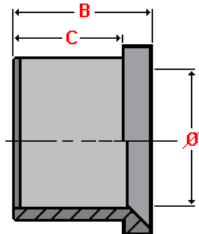


Balfit[®] SAE 37° Flared Pipe Fittings

Balfit[®] Tube Sleeve – 35.120. / 35.121.

carbon steel sleeve for 37° flared pipe

SAE# 070115



35.120 - Tube Sleeve for Metric Pipe / 35.121 - Tube Sleeve for Inch Pipe

According to **ISO 8434-2** According to **SAE J514**

Material: Carbon Steel

Finish: Zinc-plated

part number	Ø tube		dimensions		
	mm	inch	B	C	Ø
35.120.06	6		10	7	6
35.120.08	8		11	7	8
35.120.10	10		13	8	10
35.120.12	12		14	9	12
35.120.14	14		17	11	14
35.120.15	15		17	11	15
35.120.16	16		17	11	16
35.120.18	18		17	11	18
35.120.20	20		17	11	20
35.120.25	25		20	13	25
35.120.30	30		23	15	30
35.120.32	32		23	15	32
35.120.38	38		28	20	38
35.121.02		1/8"	9	6	1/8"
35.121.03		5/16"	9	6	5/16"
35.121.04		1/4"	10	7	1/4"
35.121.05		5/16"	11	7	5/16"
35.121.06		3/8"	13	8	3/8"
35.121.08		1/2"	14	9	1/2"
35.121.10		5/8"	17	11	5/8"
35.121.12		3/4"	17	11	3/4"
35.121.16		1"	20	13	1"
35.121.20		1.1/4"	23	15	1.1/4"
35.121.24		1.1/2"	28	20	1.1/2"

also available:

Balfit[®] Stainless Steel Tube Sleeve

(add an 'S' at the end of the part number; ex: 35.120.08 S or 35.121.04 S)

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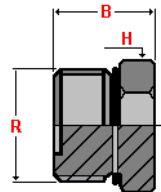
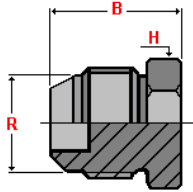
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Balfit® SAE 37° Flared Pipe Fittings



Balfit® Plugs – 35.140. / 35.141.

carbon steel plug



35.140. - JIC Plug SAE# 070109

35.141. - Straight Thread Plug SAE# 090109A

According to **ISO 8434-2** According to **SAE J514**

Material: Carbon Steel
Finish: Zinc-plated

part number	∅ tube		thread	dimensions	
	mm	inch		R	B
35.140.02		1/8"	5/16" – 24	18	11
35.140.03		3/16"	3/8" – 24	19	11
35.140.04		1/4"	7/16" – 20	20	13
35.140.05		5/16"	1/2" – 20	20	14
35.140.06		3/8"	9/16" – 18	21	16
35.140.08		1/2"	3/4" – 16	24	19
35.140.10		5/8"	7/8" – 14	28	24
35.140.12		3/4"	1.1/16" – 12	33	27
35.140.16		1"	1.5/16" – 12	34	36
35.140.20		1.1/4"	1.5/8" – 12	37	46
35.140.24		1.1/2"	1.7/8" – 12	42	50
35.141.04		1/4"	7/16" – 20	17	14
35.141.05		5/16"	1/2" – 20	17	16
35.141.06		3/8"	9/16" – 18	19	18
35.141.08		1/2"	3/4" – 16	20	22
35.141.10		5/8"	7/8" – 14	24	25
35.141.12		3/4"	1.1/16" – 12	28	32
35.141.16		1"	1.5/16" – 12	29	38

also available:

Balfit® Stainless Steel Plugs

(add an 'S' at the end of the part number; ex: 35.140.08 S or 35.141.06 S)

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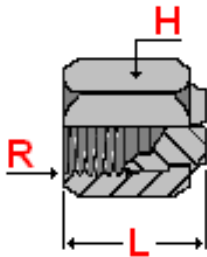


Balfit[®] SAE 37° Flared Pipe Fittings

Balfit[®] Cap – 35.142.

carbon steel SAE-ORB Cap

SAE# 07012



According to **ISO 8434-2** According to **SAE J514**

Material: Carbon Steel
Finish: Zinc-plated

part number	thread	dimensions		
	R	L	H	
35.142.02	5/16" – 24	13	10	
35.142.03	3/8" – 24	14	11	
35.142.04	7/16" – 20	15	14	
35.142.05	1/2" – 20	15	15	
35.142.06	9/16" – 18	16	17	
35.142.08	3/4" – 16	19	19	
35.142.10	7/8" – 14	21	22	
35.142.12	1.1/16" – 12	23	32	
35.142.14	1.3/16" – 12	25	36	
35.142.16	1.5/16" – 12	26	36	
35.142.20	1.5/8" – 12	27	50	
35.142.24	1.7/8" – 12	30	55	
35.142.32	2.1/2" – 12	37	75	

also available:

Balfit[®] Stainless Steel Cap

(add an 'S' at the end of the part number; ex: 35.142.08 S)

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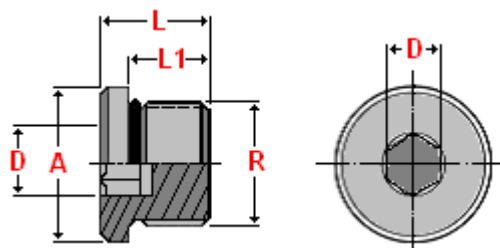
Balfit[®] SAE 37° Flared Pipe Fittings



Balfit[®] Hollow Hex Plug SAE – ORB – 35.143.

carbon steel plug

SAE# 090109B



35.143. - Hollow Hex Plug SAE – ORB

According to **ISO 8434-2** According to **SAE J514**

Material: Carbon Steel

Finish: Zinc-plated

part number	thread	dimensions			
	R	L	L1	A	D (Hex)
35.143.02	5/16" – 24	10	7	12	1/8"
35.143.03	3/8" – 24	10	7	12	1/8"
35.143.04	7/16" – 20	12	9	14	3/16"
35.143.05	1/2" – 20	12	9	16	3/16"
35.143.06	9/16" – 18	13	10	18	1/4"
35.143.08	3/4" – 16	15	11	22	5/16"
35.143.10	7/8" – 14	17	13	25	3/8"
35.143.12	1.1/16" – 12	20	15	32	9/16"
35.143.14	1.3/16" – 12	20	15	35	9/16"
35.143.16	1.5/16" – 12	20	15	38	5/8"
35.143.20	1.5/8" – 12	20	15	48	3/4"
35.143.24	1.7/8" – 12	20	15	54	3/4"

also available:

Balfit[®] Stainless Steel Hollow Hex Plug SAE – ORB

(add an 'S' at the end of the part number; ex: 35.143.08 S)

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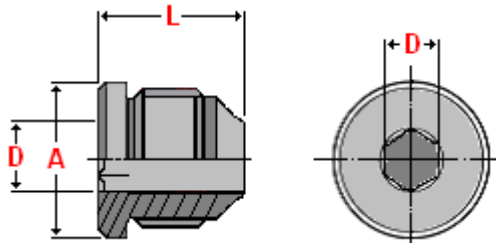
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Balfit[®] SAE 37° Flared Pipe Fittings

Balfit[®] Hollow Hex Plug JIC – 35.144.

carbon steel plug



35.144. - Hollow Hex Plug JIC

According to **ISO 8434-2** According to **SAE J514**

Material: Carbon Steel

Finish: Zinc-plated

part number	thread	dimensions			
	R	L	A	D (Hex)	
35.144.04	7/16" – 20	20	14	1/4"	
35.144.05	1/2" – 20	20	16	5/16"	
35.144.06	9/16" – 18	21	18	3/8"	
35.144.08	3/4" – 16	24	22	1/2"	
35.144.10	7/8" – 14	28	25	5/8"	
35.144.12	1.1/16" – 12	33	32	3/4"	
35.144.14	1.3/16" – 12	33	35	7/8"	
35.144.16	1.5/16" – 12	34	38	1"	
35.144.20	1.5/8" – 12	37	48	1.1/4"	
35.144.24	1.7/8" – 12	42	54	1.1/2"	

also available:

Balfit[®] Stainless Steel Hollow Hex Plug JIC

(add an 'S' at the end of the part number; ex: 35.144.08 S)

Construction characteristics and dimensions may be changed at any time without prior notice.

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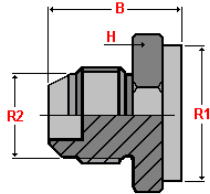
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Balfit® SAE 37° Flared Pipe Fittings



Balfit® Straight Reducer Female JIC x Male JIC – 35.145.

carbon steel plug



35.145. – Straight Reducer Female JIC x Male JIC

According to **ISO 8434-2** According to **SAE J514**

Material: Carbon Steel Finish: Zinc-plated

part number	thread		dimensions			
	R1	R2	B			H
35.145.0406	7/16" – 20	9/16" – 18	26			16
35.145.0504	1/2" – 20	7/16" – 20	29			16
35.145.0508	1/2" – 20	9/16" – 18	32			21
35.145.0602	9/16" – 18	5/16" – 24	27			17
35.145.0604	9/16" – 18	7/16" – 20	30			17
35.145.0605	9/16" – 18	1/2" – 20	30			17
35.145.0606	9/16" – 18	9/16" – 18	30			17
35.145.0608	9/16" – 18	3/4" – 16	33			21
35.145.0610	9/16" – 18	7/8" – 14	33			24
35.145.0804	3/4" – 16	7/16" – 20	34			22
35.145.0806	3/4" – 16	9/16" – 18	34			22
35.145.0810	3/4" – 16	7/8" – 14	33			24
35.145.0812	3/4" – 16	1.1/16" – 12	41			29
35.145.1004	7/8" – 14	7/16" – 20	37			25
35.145.1006	7/8" – 14	9/16" – 18	36			25
35.145.1008	7/8" – 14	3/4" – 16	36			25
35.145.1012	7/8" – 14	1.1/16" – 12	44			29
35.145.1204	1.1/16" – 12	7/16" – 20	38			32
35.145.1206	1.1/16" – 12	9/16" – 18	37			32
35.145.1208	1.1/16" – 12	3/4" – 16	40			32
35.145.1210	1.1/16" – 12	7/8" – 14	42			32
35.145.1216	1.1/16" – 12	1.5/16" – 12	41			35
35.145.1412	1.3/16" – 12	1.1/16" – 12	46			35

also available:

Balfit® Stainless Steel Straight Reducer Female JIC x Male JIC

(add an 'S' at the end of the part number; ex: 35.145.08 S)

continued on next page

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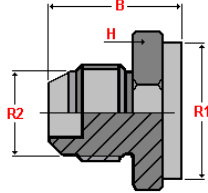


Balfit[®] SAE 37° Flared Pipe Fittings

continued

Balfit[®] Straight Reducer Female JIC x Male JIC – 35.145.

carbon steel plug



35.145. – Straight Reducer Female JIC x Male JIC

According to **ISO 8434-2** According to **SAE J514**

Material: Carbon Steel **Finish:** Zinc-plated

part number	thread		dimensions			
	R1	R2	B			H
35.145.1604	1.5/16" – 12	7/16" – 20	47			38
35.145.1606	1.5/16" – 12	9/16" – 18	47			38
35.145.1608	1.5/16" – 12	3/4" – 16	44			38
35.145.1610	1.5/16" – 12	7/8" – 14	46			38
35.145.1612	1.5/16" – 12	1.1/16" – 12	46			38
35.145.1614	1.5/16" – 12	1.3/16" – 12	46			38
35.145.1620	1.5/16" – 12	1.5/8" – 12	58			43
35.145.2008	1.5/8" – 12	3/4" – 16	47			51
35.145.2012	1.5/8" – 12	1.1/16" – 12	51			51
35.145.2016	1.5/8" – 12	1.5/16" – 12	51			51
35.145.2024	1.5/8" – 12	1.7/8" – 12	54			51
35.145.2412	1.7/8" – 12	1.1/16" – 12	62			57
35.145.2416	1.7/8" – 12	1.5/16" – 12	63			57
35.145.2420	1.7/8" – 12	1.5/8" – 12	67			57
35.145.3224	2.1/2" – 12	1.7/8" – 12	66			73

also available:

Balfit[®] Stainless Steel Straight Reducer Female JIC x Male JIC

(add an 'S' at the end of the part number; ex: 35.145.08 S)

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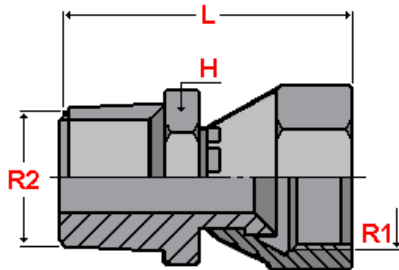
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Balfit® SAE 37° Flared Pipe Fittings



Balfit® Swivel Connector JIC Female x NPT Male – 35.160.

carbon steel Swivel Connector JIC Female x NPT Male



According to **ISO 8434-2** According to **SAE J514**

Material: Carbon Steel
Finish: Carbon Steel

part number	thread		dimensions			
	R1	R2	L			H
35.160.0402	7/16" – 20	1/8" – 27	33			12
35.160.0404	7/16" – 20	1/4" – 18	37			14
35.160.0504	1/2" – 20	1/4" – 18	36			14
35.160.0604	9/16" – 18	1/4" – 18	43			14
35.160.0606	9/16" – 18	3/8" – 18	44			19
35.160.0806	3/4" – 16	3/8" – 18	44			19
35.160.1006	7/8" – 14	3/8" – 18	46			22
35.160.0808	3/4" – 16	1/2" – 14	49			22
35.160.1008	7/8" – 14	1/2" – 14	58			22
35.160.1208	1.1/16" – 12	1/2" – 14	54			27
35.160.1012	7/8" – 14	3/4" – 14	55			27
35.160.1212	1.1/16" – 12	3/4" – 14	58			27
35.160.1612	1.5/16" – 12	3/4" – 14	61			32
35.160.1616	1.5/16" – 12	1" – 11.1/2"	65			36
35.160.2020	1.5/8" – 12	1.1/4" – 11.1/2"	67			46
35.160.2424	1.7/8" – 12	1.1/2" – 11.1/2"	74			50
35.160.3232	2.1/2" – 12	2" – 11.1/2"	84			60

also available:

Balfit® Stainless Steel Swivel Connector JIC Female x NPT Male

(add an 'S' at the end of the part number; ex: 35.160.0808 S)

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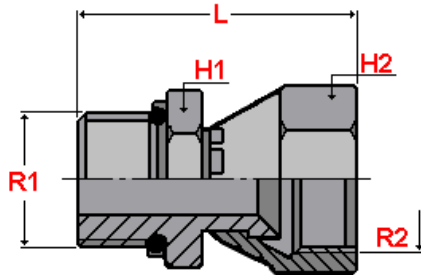
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Balfit[®] SAE 37° Flared Pipe Fittings

Balfit[®] Swivel Connector JIC Female x SAE-ORB Male 35.180.

carbon steel Swivel Connector JIC Female x SAE-ORB Male



According to **ISO 8434-2** According to **SAE J514**

Material: Carbon Steel

Finish: Zinc-plated

part number	thread		dimensions			
	R1	R2	L		H1	H2
35.180.0404	7/16" - 20	7/16" - 20	33		14	14
35.180.0406	7/16" - 20	9/16" - 18	36		14	14
35.180.0604	9/16" - 18	7/16" - 20	34		14	14
35.180.0606	9/16" - 18	9/16" - 18	38		17	17
35.180.0608	9/16" - 18	3/4" - 16	41		17	17
35.180.0808	3/4" - 16	3/4" - 16	42		19	19
35.180.1008	7/8" - 14	3/4" - 16	46		19	19
35.180.1010	7/8" - 14	7/8" - 14	48		22	22
35.180.1208	1.1/16" - 12	3/4" - 16	50		22	22
35.180.1212	1.1/16" - 12	1.1/16" - 12	54		32	32
35.180.1616	1.5/16" - 12	1.5/16" - 12	57		36	36
35.180.2020	1.5/8" - 12	1.5/8" - 12	61		46	46
35.180.2424	1.7/8" - 12	1.7/8" - 12	66		50	50

also available:

Balfit[®] Stainless Steel Swivel Connector JIC Female x SAE-ORB Male

(add an 'S' at the end of the part number; ex: 35.180.0808 S)

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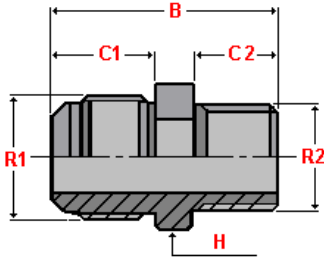
Balfit® SAE 37° Flared Pipe Fittings



Balfit® Male Connector (JIC x NPT) – 35.200.

carbon steel JIC (SAE-ORB thread, 37° flared) male x NPT (American taper thread) male connector

SAE# 070102



According to **ISO 8434-2** According to **SAE J514**

Material: Carbon Steel

Finish: Carbon Steel

part number	thread		dimensions			
	R1	R2	B	C1	C2	H
35.200.0202	5/16" – 24	1/8" – 27	28	12	10	12
35.200.0204	5/16" – 24	1/4" – 18	28	12	14	14
35.200.0302	3/8" – 24	1/8" – 27	29	12	10	12
35.200.0402	7/16" – 20	1/8" – 27	31	14	10	13
35.200.0404	7/16" – 20	1/4" – 18	36	14	14	14
35.200.0406	7/16" – 20	3/8" – 18	36	14	14	19
35.200.0408	7/16" – 20	1/2" – 19	42	14	19	22
35.200.0502	1/2" – 20	1/8" – 27	31	14	10	14
35.200.0504	1/2" – 20	1/4" – 18	36	14	14	14
35.200.0506	1/2" – 20	3/8" – 18	36	14	14	19
35.200.0602	9/16" – 18	1/8" – 27	32	14	10	16
35.200.0604	9/16" – 18	1/4" – 18	36	14	14	16
35.200.0606	9/16" – 18	3/8" – 18	36	14	14	19
35.200.0608	9/16" – 18	1/2" – 14	43	14	19	22
35.200.0612	9/16" – 18	3/4" – 14	45	14	19	27
35.200.0802	3/4" – 16	1/8" – 27	34	17	10	22
35.200.0804	3/4" – 16	1/4" – 18	39	17	14	22
35.200.0806	3/4" – 16	3/8" – 18	39	17	14	19
35.200.0808	3/4" – 16	1/2" – 14	45	17	19	22
35.200.0812	3/4" – 16	3/4" – 14	47	17	19	27
35.200.0816	3/4" – 16	1" – 11 1/2"	52	17	24	36
35.200.1004	7/8" – 14	1/4" – 18	43	19	14	24
35.200.1006	7/8" – 14	3/8" – 18	43	19	14	24
35.200.1008	7/8" – 14	1/2" – 14	48	19	19	24
35.200.1012	7/8" – 14	3/4" – 14	50	19	19	27

also available:

Balfit® Stainless Steel Male Connector

(add an 'S' at the end of the part number; ex: 35.200.0806 S)

continued on next page

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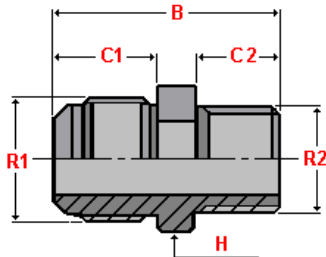
Balfit[®] SAE 37° Flared Pipe Fittings

continued

SAE# 070102

Balfit[®] Male Connector (JIC x NPT) – 35.200.

carbon steel JIC (SAE-ORB thread, 37° flared) male x NPT (American taper thread) male connector



According to **ISO 8434-2** According to **SAE J514**

Material: Carbon Steel
Finish: Carbon Steel

part number	thread		dimensions			
	R1	R2	B	C1	C2	H
35.200.1206	1.1/16" – 12	3/8" – 18	45	22	14	27
35.200.1208	1.1/16" – 12	1/2" – 14	52	22	19	27
35.200.1212	1.1/16" – 12	3/4" – 14	52	22	19	27
35.200.1216	1.1/16" – 12	1" – 11 1/2"	57	22	24	36
35.200.1220	1.1/16" – 12	1.1/4" – 11.1/2"	60	22	25	46
35.200.1224	1.1/16" – 12	1.1/2" – 11.1/2"	63	22	25	50
35.200.1608	1.5/16" – 12	1/2" – 14	54	23	19	36
35.200.1612	1.5/16" – 12	3/4" – 14	54	23	19	36
35.200.1616	1.5/16" – 12	1" – 11.1/2"	58	23	24	36
35.200.1620	1.5/16" – 12	1.1/4" – 11.1/2"	62	23	25	46
35.200.1624	1.5/16" – 12	1.1/2" – 11.1/2"	64	23	25	46
35.200.2012	1.5/8" – 12	3/4" – 14	56	24	19	46
35.200.2016	1.5/8" – 12	1" – 11.1/2"	62	24	24	46
35.200.2020	1.5/8" – 12	1.1/4" – 11.1/2"	62	24	25	46
35.200.2024	1.5/8" – 12	1.1/2" – 11.1/2"	65	24	25	46
35.200.2032	1.5/8" – 12	2" – 11.1/2"	69	24	30	66
35.200.2424	1.7/8" – 12	1.1/2" – 11.1/2"	68	28	25	50
35.200.2432	1.7/8" – 12	2" – 11.1/2"	73	28	30	66
35.200.3216	2.1/2" – 12	1" – 11.1/2"	77	32	24	66
35.200.3220	2.1/2" – 12	1.1/4" – 11.1/2"	77	32	25	66
35.200.3224	2.1/2" – 12	1.1/2" – 11.1/2"	78	32	25	66
35.200.3232	2.1/2" – 12	2" – 11.1/2"	79	32	30	66

also available:

Balfit[®] Stainless Steel Male Connector

(add an 'S' at the end of the part number; ex: 35.200.0806 S)

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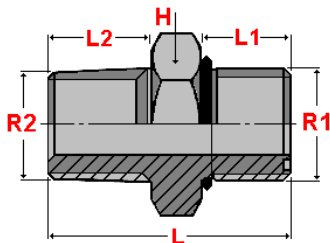
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Balfit® SAE 37° Flared Pipe Fittings



Balfit® NPT x SAE-ORB Straight Male Connector – 35.205.

carbon steel NPT x SAE-ORB straight male connector



According to **ISO 8434-2** According to **SAE J514**

Material: Carbon Steel

Finish: Zinc-plated

part number	Ø tube		thread		dimensions			
	mm	inch	R1	R2	L	L1	L2	H
35.205.0402	6	1/4"	7/16" – 20	1/8" – 27	29	14	6	16
35.205.0404	6	1/4"	7/16" – 20	1/4" – 18	32	14	10	19
35.205.0504	8	5/16"	1/2" – 20	1/4" – 18	32	14	10	19
35.205.0506	8	5/16"	1/2" – 20	3/8" – 18	33	14	10	22
35.205.0604	10	3/8"	9/16" – 18	1/4" – 18	32	14	10	19
35.205.0606	10	3/8"	9/16" – 18	3/8" – 18	33	14	10	22
35.205.0608	10	3/8"	9/16" – 18	1/2" – 14	39	14	13	30
35.205.0806	12	1/2"	3/4" – 16	3/8" – 18	36	17	10	22
35.205.0808	12	1/2"	3/4" – 16	1/2" – 14	41	17	13	30
35.205.0812	12	1/2"	3/4" – 16	3/4" – 14	41	17	13	36
35.205.1004	14	5/8"	7/8" – 14	1/4" – 18	39	19	10	24
35.205.1006	14	5/8"	7/8" – 14	3/8" – 18	39	19	10	24
35.205.1008	15	5/8"	7/8" – 14	1/2" – 14	44	19	13	30
35.205.1012	16	5/8"	7/8" – 14	3/4" – 14	44	19	13	36
35.205.1206	20	3/4"	1.1/16" – 12	3/8" – 18	47	22	10	30
35.205.1208	20	3/4"	1.1/16" – 12	1/2" – 14	47	22	13	30
35.205.1212	20	3/4"	1.1/16" – 12	3/4" – 14	48	22	13	36
35.205.1216	20	3/4"	1.1/16" – 12	1" – 11.1/2"	48	22	16	46
35.205.1612	25	1"	1.5/16" – 12	3/4" – 14	54	23	16	46
35.205.1616	25	1"	1.5/16" – 12	1" – 11.1/2"	54	23	16	46
35.205.2020	32	1.1/4"	1.5/8" – 12	1.1/4" – 11.1/2"	57	24	16	50
35.205.2424	38	1.1/2"	1.7/8" – 12	1.1/2" – 11.1/2"	61	28	16	60

also available:

Balfit® Stainless Steel Straight NPT x SAE-ORB Male Connector

(add an 'S' at the end of the part number; ex: 35.205.0808 S)

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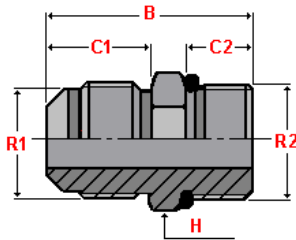
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Balfit[®] SAE 37° Flared Pipe Fittings

Balfit[®] JIC x SAE-ORB Straight Male Connector – 35.220.

carbon steel JIC x SAE-ORB straight male connector



According to **ISO 8434-2** According to **SAE J514**

Material: Carbon Steel
Finish: Zinc-plated

part number	∅ tube		thread		dimensions			
	mm	inch	R1	R2	B	C1	C2	H
35.220.0404	6	1/4"	7/16" – 20	7/16" – 20	31	14	9	14
35.220.0405	6	1/4"	7/16" – 20	1/2" – 20	31	14	9	16
35.220.0406	6	1/4"	7/16" – 20	9/16" – 18	33	44	10	17
35.220.0505	8	5/16"	1/2" – 20	1/2" – 20	31	14	9	16
35.220.0606	10	3/8"	9/16" – 18	9/16" – 18	33	14	10	17
35.220.0608	10	3/8"	9/16" – 18	3/4" – 16	35	14	11	22
35.220.0808	12	1/2"	3/4" – 16	3/4" – 16	38	17	11	22
35.220.0810	12	1/2"	3/4" – 16	7/8" – 14	41	17	13	27
35.220.1008	14	5/8"	7/8" – 14	3/4" – 16	41	19	11	24
35.220.1010	15	5/8"	7/8" – 14	7/8" – 14	43	19	13	27
35.220.1012	16	5/8"	7/8" – 14	1.1/16" – 12	47	19	15	32
35.220.1210	20	3/4"	1.1/16" – 12	7/8" – 14	46	22	13	27
35.220.1212	20	3/4"	1.1/16" – 12	1.1/16" – 12	50	22	15	32
35.220.1216	20	3/4"	1.1/16" – 12	1.5/16" – 12	51	22	15	38
35.220.1612	25	1"	1.5/16" – 12	1.1/16" – 12	51	23	15	36
35.220.1616	25	1"	1.5/16" – 12	1.5/16" – 12	52	23	15	38
35.220.2020	32	1.1/4"	1.5/8" – 12	1.5/8" – 12	55	24	15	50
35.220.2424	38	1.1/2"	1.7/8" – 12	1.7/8" – 12	60	28	15	55

also available:

Balfit[®] Stainless Steel Straight Male Connector JIC x SAE-ORB

(add an 'S' at the end of the part number; ex: 35.220.0808 S)

Construction characteristics and dimensions may be changed at any time without prior notice.

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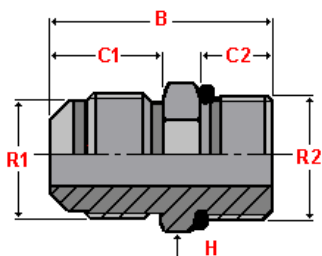
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Balfit® SAE 37° Flared Pipe Fittings



Balfit® JIC x BSPP Male Connector – 35.230.

carbon steel JIC x BSP male connector parallel thread



According to **ISO 8434-2** According to **SAE J514**

Material: Carbon Steel

Finish: Zinc-plated

part number	∅ tube		thread		dimensions			
	mm	inch	R1	R2	B	C1	C2	H
35.230.0402	6	1/4"	7/16" – 20	1/8" – 28	29	14	6	16
35.230.0404	6	1/4"	7/16" – 20	1/4" – 19	32	14	10	19
35.230.0504	8	5/16"	1/2" – 20	1/4" – 19	32	14	10	19
35.230.0506	8	5/16"	1/2" – 20	3/8" – 19	33	14	10	22
35.230.0604	10	3/8"	9/16" – 18	1/4" – 19	32	14	10	19
35.230.0606	10	3/8"	9/16" – 18	3/8" – 19	33	14	10	22
35.230.0608	10	3/8"	9/16" – 18	1/2" – 14	39	14	13	30
35.230.0806	12	1/2"	3/4" – 16	3/8" – 19	36	17	10	22
35.230.0808	12	1/2"	3/4" – 16	1/2" – 14	41	17	13	30
35.230.1006	14	5/8"	7/8" – 14	3/8" – 19	39	19	10	24
35.230.1008	15	5/8"	7/8" – 14	1/2" – 14	44	19	13	30
35.230.1012	16	5/8"	7/8" – 14	3/4" – 14	44	19	13	36
35.230.1208	20	3/4"	1.1/16" – 12	1/2" – 14	47	22	13	30
35.230.1212	20	3/4"	1.1/16" – 12	3/4" – 14	48	22	13	36
35.230.1616	25	1"	1.5/16" – 12	1" – 11	54	23	16	46
35.230.2020	32	1.1/4"	1.5/8" – 12	1.1/4" – 11	57	24	16	50
35.230.2424	38	1.1/2"	1.7/8" – 12	1.1/2" – 11	61	28	16	60

also available:

Balfit® Stainless Steel Straight JIC x BSPP Male Connector

(add an 'S' at the end of the part number; ex: 35.230.0808 S)

Construction characteristics and dimensions may be changed at any time without prior notice.

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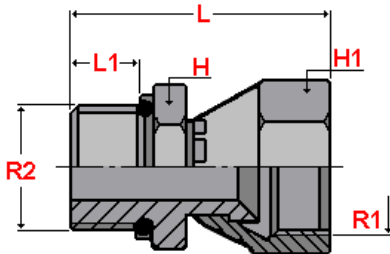
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Balfit[®] SAE 37° Flared Pipe Fittings

Balfit[®] Swivel Connector JIC Female x BSPP Male – 35.235.

carbon steel Swivel Connector JIC Female x BSP Male



According to **ISO 8434-2** According to **SAE J514**

Material: Carbon Steel

Finish: Zinc-plated

part number	thread		dimensions			
	R1	R2	L	L1	H	H1
35.235.0402	7/16" – 20	1/8" – 28	24	10	14	15
35.235.0404	7/16" – 20	1/4" – 19	26	12	19	15
35.235.0504	1/2" – 20	1/4" – 19	26,5	12	19	17
35.235.0604	9/16" – 18	1/4" – 19	27	12	19	19
35.235.0606	9/16" – 18	3/8" – 19	30,5	13,5	22	19
35.235.0804	3/4" – 16	1/4" – 19	29	12	19	24
35.235.0806	3/4" – 16	3/8" – 19	32,5	13,5	22	24
35.235.1006	7/8" – 14	3/8" – 19	33	13,5	22	27
35.235.0608	9/16" – 18	1/2" – 14	35	16	27	19
35.235.0808	3/4" – 16	1/2" – 14	37	16	27	24
35.235.1008	7/8" – 14	1/2" – 14	37,5	16	27	27
35.235.1010	7/8" – 14	5/8" – 14	39	17,5	30	27
35.235.0812	3/4" – 16	3/4" – 14	40	18,5	32	24
35.235.1012	7/8" – 14	5/8" – 14	41	18,5	32	27
35.235.1212	1.1/16" – 12	3/4" – 14	42	18,5	32	32
35.235.1612	1.5/16" – 12	3/4" – 14	42	18,5	32	41
35.235.1616	1.5/16" – 12	1" – 11	46,5	20,5	41	41
35.235.2020	1.5/8" – 12	1.1/4" – 11	50	20,5	50	50
35.235.2420	1.7/8" – 12	1.1/4" – 11	50	20,5	50	55
35.235.2424	1.7/8" – 12	1.1/2" – 11	52,5	23	55	55
35.235.3232	2.1/2" – 12	2" – 11	57,5	25,5	70	75

also available:

Balfit[®] Stainless Steel Swivel Connector JIC Female x BSPP Male

(add an 'S' at the end of the part number; ex: 35.235.0808 S)

Construction characteristics and dimensions may be changed at any time without prior notice.

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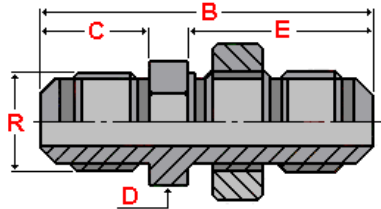
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Balfit® SAE 37° Flared Pipe Fittings



Balfit® Straight Bulkhead Union JIC Male – 35.250.

carbon steel JIC male x JIC male straight bulkhead JIC Male connector



According to **ISO 8434-2** According to **SAE J514**

Material: Carbon Steel
Finish: Zinc-plated

part number	∅ tube		thread	dimensions				
	mm	inch		R	B	C1	C2	H
35.250.04	6	1/4"	7/16" – 20	53	14	17	31	
35.250.05	8	5/16"	1/2" – 20	53	14	19	31	
35.250.06	10	3/8"	9/16" – 18	55	14	22	33	
35.250.08	12	1/2"	3/4" – 16	62	17	24	37	
35.250.10	16	5/8"	7/8" – 14	70	19	30	41	
35.250.12	20	3/4"	1.1/16" – 12	79	22	36	45	
35.250.16	25	1"	1.5/16" – 12	80	23	41	45	
35.250.20	32	1.1/4"	1.5/8" – 12	84	24	50	47	
35.250.24	38	1.1/2"	1.7/8" – 12	89	28	55	47	

also available:

Balfit® Stainless Steel Straight Bulkhead Union Jic Male

(add an 'S' at the end of the part number; ex: 35.250.08 S)

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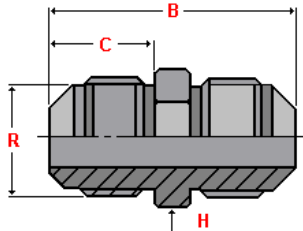
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Balfit[®] SAE 37° Flared Pipe Fittings

Balfit[®] Straight JIC Male Union – 35.260.

carbon steel JIC male x JIC male straight connector



According to **ISO 8434-2** According to **SAE J514**

Material: Carbon Steel

Finish: Zinc-plated

part number	Ø tube		thread	dimensions			
	mm	inch		R	B	C	H
35.260.04	6	1/4"	7/16" – 20	35	14	13	
35.260.05	8	5/16"	1/2" – 20	35	14	14	
35.260.06	10	3/8"	9/16" – 18	36	14	16	
35.260.08	12	1/2"	3/4" – 16	41	17	19	
35.260.10	16	5/8"	7/8" – 14	48	19	24	
35.260.12	20	3/4"	1.1/16" – 12	55	22	27	
35.260.16	25	1"	1.5/16" – 12	57	23	36	
35.260.20	32	1.1/4"	1.5/8" – 12	62	24	46	
35.260.24	38	1.1/2"	1.7/8" – 12	70	28	50	
35.260.32	50	2"	2.1/2" – 12	86	35	66	

also available:

Balfit[®] Stainless Steel Straight Jic Male Union

(add an 'S' at the end of the part number; ex: 35.260.08 S)

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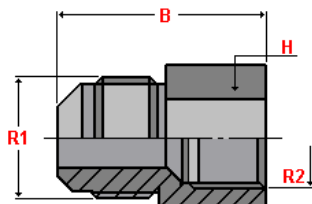
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Balfit® SAE 37° Flared Pipe Fittings



Balfit® NPT Female x JIC Male Connector – 35.280.

carbon steel NPT female x JIC male straight connector



According to **ISO 8434-2** According to **SAE J514**

Material: Carbon Steel

Finish: Zinc-plated

part number	∅ tube		thread		dimensions	
	mm	inch	R1	R2	B	H
35.280.0404	6	1/4"	7/16" – 20	1/4" – 18	32	14
35.280.0504	8	5/16"	1/2" – 20	1/4" – 18	32	17
35.280.0604	10	3/8"	9/16" – 18	1/4" – 18	34	17
35.280.0606	10	3/8"	9/16" – 18	3/8" – 18	34	19
35.280.0808	12	1/2"	3/4" – 16	1/2" – 14	41	22
35.280.1008	16	5/8"	7/8" – 14	1/2" – 14	42	24
35.280.1212	20	3/4"	1.1/16" – 12	3/4" – 14	44	27
35.280.1616	25	1"	1.5/16" – 12	1" – 11.1/2"	51	36

also available:

Balfit® Stainless Steel NPT Female x JIC Male Connector

(add an 'S' at the end of the part number; ex: 35.280.0404 S)

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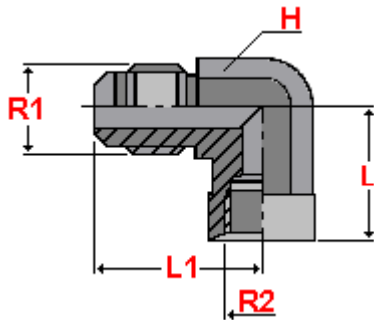
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Balfit[®] SAE 37° Flared Pipe Fittings

Balfit[®] 90° Elbow JIC Male x NPT Female – 35.290.

carbon steel 90° Elbow JIC Male x NPT Female



According to **ISO 8434-2** According to **SAE J514**

Material: Carbon Steel

Finish: Zinc-plated

part number	thread		dimensions			
	R1	R2	L	L1		H
35.290.0402	7/16" – 20	1/8" – 27	17	27		14
35.290.0404	7/16" – 20	1/4" – 18	22	31		19
35.290.0406	7/16" – 20	3/8" – 18	26	33		22
35.290.0502	1/2" – 20	1/8" – 27	17	27		14
35.290.0504	1/2" – 20	1/4" – 18	22	31		19
35.290.0506	1/2" – 20	3/8" – 18	26	33		19
35.290.0602	9/16" – 18	1/8" – 27	17	31		14
35.290.0604	9/16" – 18	1/4" – 18	22	31		19
35.290.0606	9/16" – 18	3/8" – 18	26	33		22
35.290.0608	9/16" – 18	1/2" – 14	31	36		27
35.290.0804	3/4" – 16	1/4" – 18	26	36		19
35.290.0806	3/4" – 16	3/8" – 18	26	36		22
35.290.0808	3/4" – 16	1/2" – 14	31	39		27
35.290.0812	3/4" – 16	3/4" – 14	35	42		33
35.290.1006	7/8" – 14	3/8" – 18	26	42		29
35.290.1008	7/8" – 14	1/2" – 14	31	42		27
35.290.1208	1.1/16" – 12	1/2" – 14	34	48		27
35.290.1212	1.1/16" – 12	3/4" – 14	35	48		33
35.290.1216	1.1/16" – 12	1" – 11.1/2"	41	54		41
35.290.1412	1.3/16" – 12	3/4" – 14	36	47		33
35.290.1612	1.5/16" – 12	3/4" – 14	35	55		33
35.290.1616	1.5/16" – 12	1" – 11.1/2"	41	55		41
35.290.1620	1.5/16" – 12	1.1/4" – 11.1/2"	43	58		51
35.290.2020	1.5/8" – 12	1.1/4" – 11.1/2"	43	59		48
35.290.2424	1.7/8" – 12	1.1/2" – 11.1/2"	53	73		65
35.290.3232	2.1/2" – 12	2" – 11.1/2"	61	84		71

also available:

Balfit[®] Stainless Steel 90° Elbow JIC Male x NPT Female

(add an 'S' at the end of the part number; ex: 35.290.0808 S)

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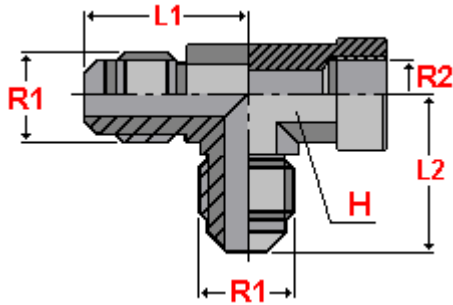
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Balfit® SAE 37° Flared Pipe Fittings



Balfit® NPT Female Run Tee – 35.291.

carbon steel NPT Female Run Tee JIC Male x JIC Male x NPT Female



According to **ISO 8434-2** According to **SAE J514**

Material: Carbon Steel

Finish: Zinc-plated

part number	thread		dimensions			
	R1	R2	L1	L2		H
35.291.0402	7/16" – 20	1/8" – 27	27	17		14
35.291.0404	7/16" – 20	1/4" – 18	31	22		19
35.291.0502	1/2" – 20	1/8" – 27	27	17		16
35.291.0504	1/2" – 20	1/4" – 18	31	22		19
35.291.0604	9/16" – 18	1/4" – 18	31	22		19
35.291.0606	9/16" – 18	3/8" – 18	33	26		22
35.291.0806	3/4" – 16	3/8" – 18	36	26		22
35.291.0808	3/4" – 16	1/2" – 14	39	31		27
35.291.1008	7/8" – 14	1/2" – 14	42	31		27
35.291.1212	1.1/16" – 12	3/4" – 14	48	35		33
35.291.1412	1.3/16" – 12	3/4" – 14	47	36		33
35.291.1616	1.5/16" – 12	1" – 11.1/2"	55	41		41
35.291.2020	1.5/8" – 12	1.1/4" – 11.1/2"	59	43		48
35.291.2424	1.7/8" – 12	1.1/2" – 11.1/2"	73	53		60

also available:

Balfit® Stainless Steel NPT Female Run Tee

(add an 'S' at the end of the part number; ex: 35.291.0808 S)

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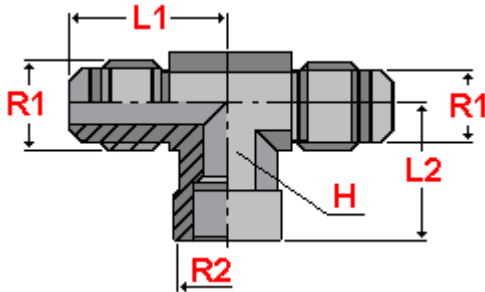
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Balfit[®] SAE 37° Flared Pipe Fittings

Balfit[®] NPT Female Branch Tee – 35.292.

carbon steel NPT Female Branch Tee JIC Male x JIC Male x NPT Female



According to **ISO 8434-2** According to **SAE J514**

Material: Carbon Steel
Finish: Zinc-plated

part number	thread		dimensions			
	R1	R2	L1	L2		H
35.292.0402	7/16" – 20	1/8" – 27	27	17		14
35.292.0404	7/16" – 20	1/4" – 18	31	22		19
35.292.0502	1/2" – 20	1/8" – 27	27	17		16
35.292.0604	9/16" – 18	1/4" – 18	31	22		19
35.292.0606	9/16" – 18	3/8" – 19	33	26		22
35.292.0804	3/4" – 16	1/4" – 18	36	23		21
35.292.0806	3/4" – 16	3/8" – 18	36	26		22
35.292.0808	3/4" – 16	1/2" – 14	39	31		27
35.292.1006	7/8" – 14	3/8" – 18	40	27		24
35.292.1008	7/8" – 14	1/2" – 14	42	31		27
35.292.1012	7/8" – 14	3/4" – 14	45	35		35
35.292.1208	1.1/16" – 12	1/2" – 14	42	31		29
35.292.1212	1.1/16" – 12	3/4" – 14	48	35		33
35.292.1412	1.3/16" – 12	3/4" – 14	47	36		33
35.292.1616	1.5/16" – 12	1" – 11.1/2"	55	41		41
35.292.2020	1.5/8" – 12	1.1/4" – 11.1/2"	59	43		48
35.292.2424	1.7/8" – 12	1.1/2" – 11.1/2"	73	53		65
35.292.3232	2.1/2" – 12	2" – 11.1/2"	84	61		71

also available:

Balfit[®] Stainless Steel NPT Female Branch Tee

(add an 'S' at the end of the part number; ex: 35.292.0808 S)

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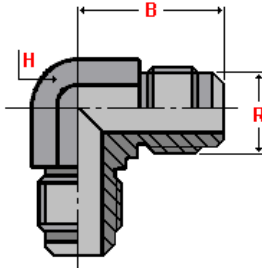
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Balfit® SAE 37° Flared Pipe Fittings



Balfit® 90° Elbow JIC Male Union – 35.500.

carbon steel JIC male x JIC male 90° elbow union connector



According to **ISO 8434-2** According to **SAE J514**

Material: Carbon Steel
Finish: Zinc-plated

part number	∅ tube		thread	dimensions	
	mm	inch		R	B
35.500.04	6	1/4"	7/16" – 20	22	14
35.500.05	8	5/16"	1/2" – 20	25	14
35.500.06	10	3/8"	9/16" – 18	25	14
35.500.08	12	1/2"	3/4" – 16	31	19
35.500.10	15	5/8"	7/8" – 14	35	22
35.500.12	20	3/4"	1.1/16" – 12	41	27
35.500.16	25	1"	1.5/16" – 12	50	35
35.500.20	32	1.1/4"	1.5/8" – 12	55	44
35.500.24	38	1.1/2"	1.7/8" – 12	61	50
35.500.32	50	2"	2.1/2" – 12	75	65

also available:

Balfit® Stainless Steel 90° Elbow Union

(add an 'S' at the end of the part number; ex: 35.500.04 S)

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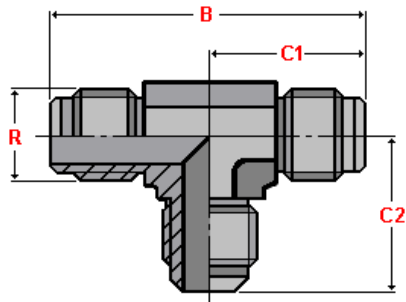
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Balfit[®] SAE 37° Flared Pipe Fittings

Balfit[®] Union Tee JIC Male – 35.505.

carbon steel JIC male X JIC male X JIC male tee connector



According to **ISO 8434-2** According to **SAE J514**

Material: Carbon Steel

Finish: Zinc-plated

part number	Ø tube		thread	dimensions		
	mm	inch		R	B	C1
35.505.04	6	1/4"	7/16" – 20	45	23	23
35.505.05	8	5/16"	1/2" – 20	48	24	24
35.505.06	10	3/8"	9/16" – 18	54	27	27
35.505.08	12	1/2"	3/4" – 16	64	32	32
35.505.10	15	5/8"	7/8" – 14	74	37	37
35.505.12	20	3/4"	1.1/16" – 12	84	42	42
35.505.16	25	1"	1.5/16" – 12	92	46	46
35.505.20	32	1.1/4"	1.5/8" – 12	105	52	52
35.505.24	38	1.1/2"	1.7/8" – 12	118	59	59
35.505.32	50	2"	2.1/2" – 12	156	78	78

also available:

Balfit[®] Stainless Steel Union Tee

(add an 'S' at the end of the part number; ex: 35.505.04 S)

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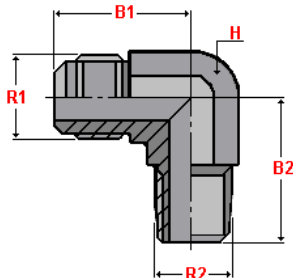
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Balfit® SAE 37° Flared Pipe Fittings



Balfit® 90° Elbow Male Connector (JIC x NPT) – 35.525.

carbon steel JIC male x NPT male 90° bend connector



According to **ISO 8434-2** According to **SAE J514**

Material: Carbon Steel
Finish: Zinc-plated

part number	∅ tube		thread		dimensions		
	mm	inch	R1	R2	B1	B2	H
35.525.0402	6	1/4"	7/16" – 20	1/8" – 27	25	24	14
35.525.0404	6	1/4"	7/16" – 20	1/4" – 18	26	27	14
35.525.0502	8	5/16"	1/2" – 20	1/8" – 18	26	24	14
35.525.0504	8	5/16"	1/2" – 20	1/4" – 18	26	27	14
35.525.0604	10	3/8"	9/16" – 18	1/4" – 18	26	27	14
35.525.0606	10	3/8"	9/16" – 18	3/8" – 18	27	32	19
35.525.0608	10	3/8"	9/16" – 18	1/2" – 14	27	36	22
35.525.0806	12	1/2"	3/4" – 16	3/8" – 18	35	32	19
35.525.0808	12	1/2"	3/4" – 16	1/2" – 14	36	36	22
35.525.0812	12	1/2"	3/4" – 16	3/4" – 14	36	40	27
35.525.1006	14	5/8"	7/8" – 14	3/8" – 18	34	37	22
35.525.1008	15	5/8"	7/8" – 14	1/2" – 14	34	36	22
35.525.1012	16	5/8"	7/8" – 14	3/4" – 14	39	43	27
35.525.1208	18	3/4"	1.1/16" – 12	1/2" – 14	40	42	27
35.525.1212	20	3/4"	1.1/16" – 12	3/4" – 14	40	43	27
35.525.1612	25	1"	1.5/16" – 12	3/4" – 14	47	46	35
35.525.1616	25	1"	1.5/16" – 12	1" – 11.1/2"	47	47	35
35.525.2016	32	1.1/4"	1.5/8" – 12	1" – 11.1/2"	56	57	44
35.525.2020	32	1.1/4"	1.5/8" – 12	1.1/4" – 11.1/2"	56	59	44
35.525.2424	38	1.1/2"	1.7/8" – 12	1.1/2" – 11.1/2"	62	62	50
35.525.3232	50	2"	2.1/2" – 12	2" – 11.1/2"	74	74	65

also available:

Balfit® Stainless Steel 90° Elbow Male Connector (JIC x NPT)

(add an 'S' at the end of the part number; ex: 35.525.0808 S)

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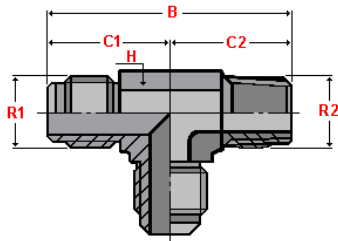
Balfit[®] SAE 37° Flared Pipe Fittings

Balfit[®] NPT Run Tee – 35.530.

carbon steel NPT male x JIC male X JIC male run tee connector

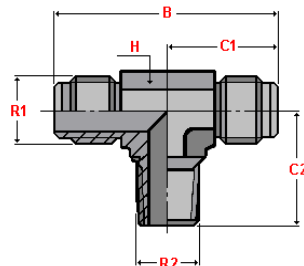
Balfit[®] NPT Branch Tee – 35.535.

carbon steel NPT male x JIC male X JIC male branch tee connector



Balfit[®] NPT Run Tee – 35.530.

According to **ISO 8434-2** According to **SAE J514**



Balfit[®] NPT Branch Tee – 35.535.

Material: Carbon Steel
Finish: Zinc-plated

part number	Ø tube		thread		dimensions		
	mm	inch	R1	R2	B	C1	C2
35.530.0402	6	1/4"	7/16" - 20	1/8" - 27	43	23	20
35.530.0404	6	1/4"	7/16" - 20	1/4" - 18	53	25	28
35.530.0504	8	5/16"	1/2" - 20	1/4" - 18	51	24	27
35.530.0604	10	3/8"	9/16" - 18	1/4" - 18	55	27	28
35.530.0606	10	3/8"	9/16" - 18	3/8" - 18	55	27	28
35.530.0806	12	1/2"	3/4" - 16	3/8" - 18	63	32	31
35.530.0808	12	1/2"	3/4" - 16	1/2" - 14	63	32	31
35.530.1008	16	5/8"	7/8" - 14	1/2" - 14	74	37	37
35.530.1212	20	3/4"	1.1/16" - 12	3/4" - 14	82	42	40
35.530.1616	25	1"	1.5/16" - 12	1" - 11.1/2"	96	46	50
35.535.0402	6	1/4"	7/16" - 20	1/8" - 27	43	23	20
35.535.0404	6	1/4"	7/16" - 20	1/4" - 18	53	25	28
35.535.0504	8	5/16"	1/2" - 20	1/4" - 18	51	24	27
35.535.0604	10	3/8"	9/16" - 18	1/4" - 18	55	27	28
35.535.0606	10	3/8"	9/16" - 18	3/8" - 18	55	27	28
35.535.0806	12	1/2"	3/4" - 16	3/8" - 18	63	32	31
35.535.0808	12	1/2"	3/4" - 16	1/2" - 18	63	32	31
35.535.1008	16	5/8"	7/8" - 14	1/2" - 14	74	37	37
35.535.1212	20	3/4"	1.1/16" - 12	3/4" - 14	82	42	40
35.535.1616	25	1"	1.5/16" - 12	1" - 11.1/2"	96	46	50

also available:

Balfit[®] Stainless Steel NPT Run Tee

(add an 'S' at the end of the part number; ex: 35.530.0808 S)

Balfit[®] Stainless Steel NPT Branch Tee

(add an 'S' at the end of the part number; ex: 35.535.0808 S)

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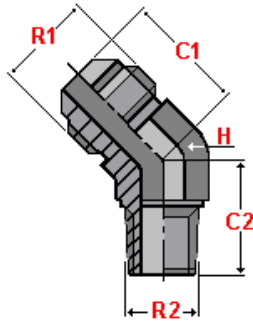
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Balfit® SAE 37° Flared Pipe Fittings



Balfit® 45° Elbow Male Connector (JIC x NPT) – 35.540.

carbon steel JIC (SAE-ORB thread, 37° flared) male x NPT taper thread male 45° elbow connector



According to **ISO 8434-2** According to **SAE J514**

Material: Carbon Steel
Finish: Zinc-plated

part number	Ø tube		thread		dimensions		
	mm	inch	R1	R2	C1	C2	H
35.540.0402	6	1/4"	7/16" – 20	1/8" – 27	20	18	14
35.540.0404	6	1/4"	7/16" – 20	1/4" – 18	21	20	14
35.540.0502	8	5/16"	1/2" – 20	1/8" – 18	22	20	14
35.540.0504	8	5/16"	1/2" – 20	1/4" – 18	22	20	14
35.540.0604	10	3/8"	9/16" – 18	1/4" – 18	22	20	14
35.540.0606	10	3/8"	9/16" – 18	3/8" – 18	22	23	19
35.540.0608	10	3/8"	9/16" – 18	1/2" – 14	22	28	22
35.540.0806	12	1/2"	3/4" – 16	3/8" – 18	19	23	19
35.540.0808	12	1/2"	3/4" – 16	1/2" – 14	19	28	22
35.540.0812	12	1/2"	3/4" – 16	3/4" – 14	19	29	27
35.540.1006	14	5/8"	7/8" – 14	3/8" – 18	29	23	22
35.540.1008	15	5/8"	7/8" – 14	1/2" – 14	29	28	22
35.540.1012	16	5/8"	7/8" – 14	3/4" – 14	29	29	27
35.540.1208	18	3/4"	1.1/16" – 12	1/2" – 14	29	28	27
35.540.1212	20	3/4"	1.1/16" – 12	3/4" – 14	29	29	27
35.540.1612	25	1"	1.5/16" – 12	3/4" – 14	29	29	35
35.540.1616	25	1"	1.5/16" – 12	1" – 11.1/2"	38	38	35
35.540.2016	32	1.1/4"	1.5/8" – 12	1" – 11.1/2"	42	43	44
35.540.2020	32	1.1/4"	1.5/8" – 12	1.1/4" – 11.1/2"	42	43	44
35.540.2424	38	1.1/2"	1.7/8" – 12	1.1/2" – 11.1/2"	44	43	50
35.540.3232	50	2"	2.1/2" – 12	2" – 11.1/2"	53	52	65

also available:

Balfit® Stainless Steel 45° Elbow Connector

(add an 'S' at the end of the part number; ex: 35.540.0806 S)

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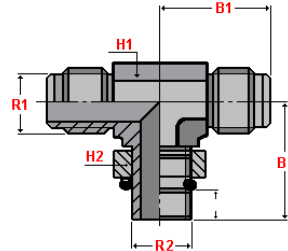
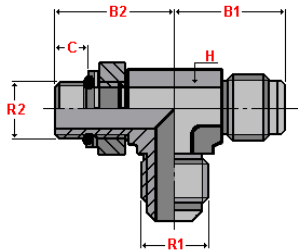
Balfit[®] SAE 37° Flared Pipe Fittings

Balfit[®] Orientable SAE-ORB Run Tee – 35.580.

carbon steel SAE-ORB O-Ring Boss male x JIC male x JIC male run tee connector

Balfit[®] Orientable SAE-ORB Branch Tee – 35.585.

carbon steel SAE-ORB O-Ring Boss male x JIC male X JIC male branch tee connector



Balfit[®] Orientable SAE-ORB Run Tee – 35.580.

Balfit[®] Orientable SAE-ORB Branch Tee – 35.585.

According to **ISO 8434-2** According to **SAE J514**

Material: Carbon Steel

Finish: Zinc-plated

part number	∅ tube		thread		dimensions			
	mm	inch	R1	R2	B1	B2	C	H
35.580.0404	6	1/4"	7/16" – 20	7/16" – 20	23	26	9	11
35.580.0505	8	5/16"	1/2" – 20	1/2" – 20	24	28	9	13
35.580.0606	10	3/8"	9/16" – 18	9/16" – 18	27	32	10	14
35.580.0808	12	1/2"	3/4" – 16	3/4" – 16	32	37	11	19
35.580.1010	15	5/8"	7/8" – 14	7/8" – 14	37	43	13	22
35.580.1212	20	3/4"	1.1/16" – 12	1.1/16" – 12	42	49	15	27
35.580.1616	25	1"	1.5/16" – 12	1.5/16" – 12	46	52	15	33

part number	∅ tube		thread		dimensions			
	mm	inch	R1	R2	B1	B2	H1	H2
35.585.0404	6	1/4"	7/16" – 20	7/16" – 20	23	26	11	14
35.585.0505	8	5/16"	1/2" – 20	1/2" – 20	24	28	13	16
35.585.0606	10	3/8"	9/16" – 18	9/16" – 18	27	32	14	17
35.585.0808	12	1/2"	3/4" – 16	3/4" – 16	32	37	19	22
35.585.1010	15	5/8"	7/8" – 14	7/8" – 14	37	43	22	27
35.585.1212	20	3/4"	1.1/16" – 12	1.1/16" – 12	42	49	27	32
35.585.1616	25	1"	1.5/16" – 12	1.5/16" – 12	46	52	33	38

also available:

Balfit[®] Stainless Steel Orientable SAE-ORB O-Ring Boss Run Tee

(add an 'S' at the end of the part number; ex: 35.580.0808 S)

Balfit[®] Stainless Steel Orientable SAE-ORB O-Ring Boss Branch Tee

(add an 'S' at the end of the part number; ex: 35.585.0808 S)

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Balfit® SAE 37° Flared Pipe Fittings

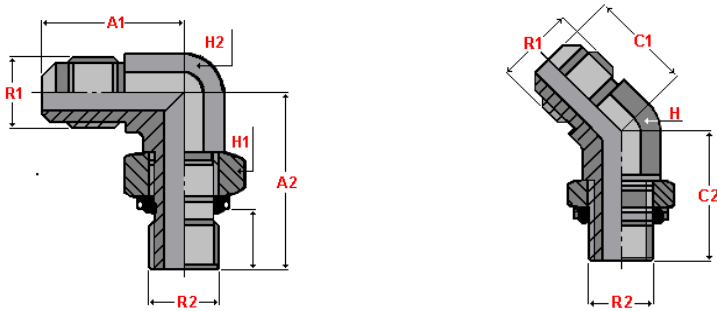


Balfit® 90° Elbow JIC Male x SAE-ORB – 35.575.

carbon steel JIC male x SAE-ORB male 90° elbow "adjustable" connector

Balfit® 45° Elbow JIC Male x SAE-ORB – 35.590.

carbon steel JIC male x SAE-ORB male 45° elbow "adjustable" connector



According to **ISO 8434-2** According to **SAE J514**

Material: Carbon Steel
Finish: Zinc-plated

part number	∅ tube		thread		dimensions			
	mm	inch	R1	R2	A1	A2	H1	H2
35.575.0404	6	1/4"	7/16" – 20	7/16" – 20	24	26	14	11
35.575.0505	8	5/16"	1/2" – 20	1/2" – 20	26	32	17	14
35.575.0606	10	3/8"	9/16" – 18	9/16" – 18	26	32	17	14
35.575.0808	12	1/2"	3/4" – 16	3/4" – 16	31	37	22	19
35.575.1010	15	5/8"	7/8" – 14	7/8" – 14	35	43	25	22
35.575.1212	20	3/4"	1.1/16" – 12	1.1/16" – 12	41	49	32	27
35.575.1616	25	1"	1.5/16" – 12	1.5/16" – 12	47	52	38	35
35.575.2020	32	1.1/4"	1.5/8" – 12	1.5/8" – 12	57	57	48	43

part number	∅ tube		thread		dimensions		
	mm	inch	R1	R2	C1	C2	H
35.590.0404	6	1/4"	7/16" – 20	7/16" – 20	19	27	14
35.590.0505	8	5/16"	1/2" – 20	1/2" – 20	22	29	17
35.590.0606	10	3/8"	9/16" – 18	9/16" – 18	22	29	17
35.590.0808	12	1/2"	3/4" – 16	3/4" – 16	26	33	22
35.590.1010	15	5/8"	7/8" – 14	7/8" – 14	30	39	25
35.590.1212	20	3/4"	1.1/16" – 12	1.1/16" – 12	35	44	32
35.590.1616	25	1"	1.5/16" – 12	1.5/16" – 12	39	47	38
35.590.2020	32	1.1/4"	1.5/8" – 12	1.5/8" – 12	40	49	48

also available:

Balfit® Stainless Steel 90° Elbow JIC Male x SAE-ORB

(add an 'S' at the end of the part number; ex: 35.575.0808 S)

Balfit® Stainless Steel 45° Elbow JIC Male x SAE-ORB

(add an 'S' at the end of the part number; ex: 35.590.0808 S)

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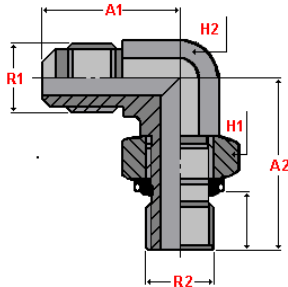
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Balfit[®] SAE 37° Flared Pipe Fittings

Balfit[®] 90° Elbow JIC Male x BSPP Male – 35.600.

carbon steel 90° elbow JIC male x BSPP parallel male connector



According to **ISO 8434-2** According to **SAE J514**

Material: Carbon Steel

Finish: Zinc-plated

part number	∅ tube		thread		dimensions			
	mm	inch	R1	R2	A1	A2	H1	H2
35.600.0402	6	1/4"	7/16" - 20	1/8" - 28	23	26	11	11
35.600.0404	6	1/4"	7/16" - 20	1/4" - 19	27	32	14	14
35.600.0504	8	5/16"	1/2" - 20	1/4" - 19	27	33	14	14
35.600.0604	10	3/8"	9/16" - 18	1/4" - 19	27	32	14	14
35.600.0606	10	3/8"	9/16" - 18	3/8" - 19	29	37	19	19
35.600.0806	12	1/2"	3/4" - 16	3/8" - 19	32	37	19	19
35.600.0808	12	1/2"	3/4" - 16	1/2" - 14	34	43	22	22
35.600.1006	14	5/8"	7/8" - 14	3/8" - 19	37	43	22	22
35.600.1008	15	5/8"	7/8" - 14	1/2" - 14	43	43	22	22
35.600.1012	16	5/8"	7/8" - 14	3/4" - 14	37	50	27	36
35.600.1208	20	3/4"	1.1/16" - 12	1/2" - 14	42	50	27	27
35.600.1212	20	3/4"	1.1/16" - 12	3/4" - 14	42	50	27	36
35.600.1616	25	1"	1.5/16" - 12	1" - 11	46	52	33	41
35.600.2020	32	1.1/4"	1.5/8" - 12	1.1/4" - 11	52	57	41	50
35.600.2424	38	1.1/2"	1.7/8" - 12	1.1/2" - 11	59	61	48	55

also available:

Balfit[®] Stainless Steel 90° Elbow JIC Male x BSPP Male

(add an 'S' at the end of the part number; ex: 35.600.0808 S)

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Balfit® SAE 37° Flared Pipe Fittings

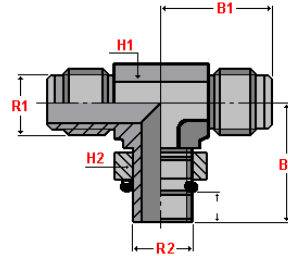
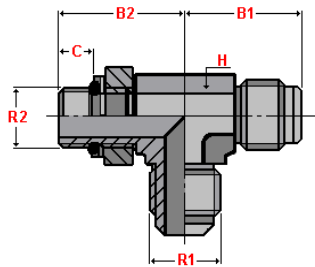


Balfit® Orientable BSPP Run Tee – 35.605.

carbon steel BSP parallel male x JIC male X JIC male run tee connector

Balfit® Orientable BSPP Branch Tee – 35.610.

carbon steel BSP parallel male x JIC male x JIC male branch tee connector



Balfit® Orientable BSPP Run Tee – 35.605.

Balfit® Orientable BSPP Branch Tee – 35.610.

According to **ISO 8434-2** According to **SAE J514**

Material: Carbon Steel

Finish: Zinc-plated

part number	∅ tube		thread		dimensions			
	mm	inch	R1	R2	B1	B2	C	H
35.605.0402	6	1/4"	7/16" - 20	1/8" - 28	23	26	6	11
35.605.0502	8	5/16"	1/2" - 20	1/8" - 28	24	28	6	13
35.605.0604	10	3/8"	9/16" - 18	1/4" - 19	27	32	10	14
35.605.0606	10	3/8"	9/16" - 18	3/8" - 19	27	37	10	19
35.605.0806	12	1/2"	3/4" - 16	3/8" - 19	32	37	10	19
35.605.0808	12	1/2"	3/4" - 16	1/2" - 19	32	37	19	22
35.605.1008	16	5/8"	7/8" - 14	1/2" - 14	37	43	13	22
35.605.1212	20	3/4"	1.1/16" - 12	3/4" - 14	42	50	13	27

part number	∅ tube		thread		dimensions			
	mm	inch	R1	R2	B1	B2	H1	H2
35.610.0402	6	1/4"	7/16" - 20	1/8" - 28	23	26	11	14
35.610.0502	8	5/16"	1/2" - 20	1/8" - 28	24	28	13	14
35.610.0604	10	3/8"	9/16" - 18	1/4" - 19	27	32	14	19
35.610.0606	10	3/8"	9/16" - 18	3/8" - 19	27	37	19	22
35.610.0806	12	1/2"	3/4" - 16	3/8" - 19	32	37	19	22
35.610.1008	16	5/8"	7/8" - 14	1/2" - 14	37	43	22	27
35.610.1212	20	3/4"	1.1/16" - 12	3/4" - 14	42	50	27	36
35.610.1616	25	1"	1.5/16" - 12	1" - 11	46	52	33	41

also available:

Balfit® Stainless Steel Orientable BSPP Run Tee

(add an 'S' at the end of the part number; ex: 35.605.0808 S)

Balfit® Stainless Steel Orientable BSPP Branch Tee

(add an 'S' at the end of the part number; ex: 35.610.0808 S)

Construction characteristics and dimensions may be changed at any time without prior notice.

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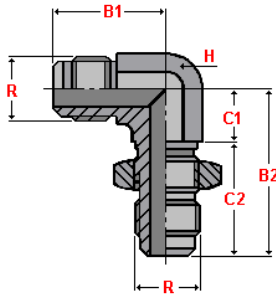
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Balfit[®] SAE 37° Flared Pipe Fittings

Balfit[®] Bulkhead 90° Elbow Union – 35.650.

carbon steel JIC male x JIC male bulkhead 90° elbow connector



According to **ISO 8434-2** According to **SAE J514**

Material: Carbon Steel

Finish: Zinc-plated

part number	∅ tube		thread	dimensions				
	mm	inch		R1	B1	B2	C1	C2
35.650.04	6	1/4"	7/16" - 20	25	40	12	28	11
35.650.05	8	5/16"	1/2" - 20	26	41	13	28	13
35.650.06	10	3/8"	9/16" - 18	28	46	16	30	14
35.650.08	12	1/2"	3/4" - 16	35	54	19	35	19
35.650.10	15	5/8"	7/8" - 14	40	61	22	39	22
35.650.12	20	3/4"	1.1/16" - 12	45	68	25	43	27
35.650.16	25	1"	1.5/16" - 12	49	71	28	43	33
35.650.20	32	1.1/4"	1.5/8" - 12	55	79	35	44	41

also available:

Balfit[®] Stainless Steel Bulkhead 90° Elbow Union

(add an 'S' at the end of the part number; ex: 35.650.08 S)

Construction characteristics and dimensions may be changed at any time without prior notice.

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Balfit® SAE 37° Flared Pipe Fittings

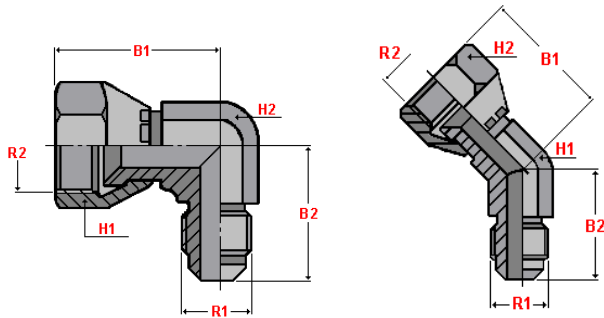


Balfit® Swivel 90° Elbow – 35.675.

carbon steel swivel JIC female x JIC male 90° elbow connector

Balfit® Swivel 45° Elbow – 35.690.

carbon steel swivel JIC female x JIC male 45° elbow connector



According to **ISO 8434-2** According to **SAE J514**

Material: Carbon Steel

Finish: Zinc-plated

part number	∅ tube		thread		dimensions			
	mm	inch	R1	R2	B1	B2	H1	H2
35.675.0404	6	1/4"	7/16" - 20	7/16" - 20	25	23	16	11
35.675.0505	8	5/16"	1/2" - 20	1/2" - 20	27	24	16	13
35.675.0606	10	3/8"	9/16" - 18	9/16" - 18	32	27	19	14
35.675.0808	12	1/2"	3/4" - 16	3/4" - 16	35	32	22	19
35.675.1010	16	5/8"	7/8" - 14	7/8" - 14	41	37	27	22
35.675.1212	20	3/4"	1.1/16" - 12	1.1/16" - 12	44	42	32	27
35.675.1616	25	1"	1.5/16" - 12	1.5/16" - 12	51	46	38	33
35.675.2020	32	1.1/4"	1.5/8" - 12	1.5/8" - 12	59	52	50	41
35.675.2424	38	1.1/2"	1.7/8" - 12	1.7/8" - 12	66	59	60	48
35.675.3232	50	2"	2.1/2" - 12	2.1/2" - 12	78	85	66	70

part number	∅ tube		thread		dimensions			
	mm	inch	R1	R2	B1	B2	H1	H2
35.690.0404	6	1/4"	7/16" - 20	7/16" - 20	18	25	16	11
35.690.0505	8	5/16"	1/2" - 20	1/2" - 20	20	27	16	13
35.690.0606	10	3/8"	9/16" - 18	9/16" - 18	21	29	19	14
35.690.0808	12	1/2"	3/4" - 16	3/4" - 16	25	32	22	19
35.690.1010	16	5/8"	7/8" - 14	7/8" - 14	28	37	27	22
35.690.1212	20	3/4"	1.1/16" - 12	1.1/16" - 12	33	46	32	27
35.690.1616	25	1"	1.5/16" - 12	1.5/16" - 12	37	46	38	33

also available:

Balfit® Stainless Steel Swivel 90° Elbow

(add an 'S' at the end of the part number; ex: 35.675.0808 S)

Balfit® Stainless Steel Swivel 45° Elbow

(add an 'S' at the end of the part number; ex: 35.690.0808 S)

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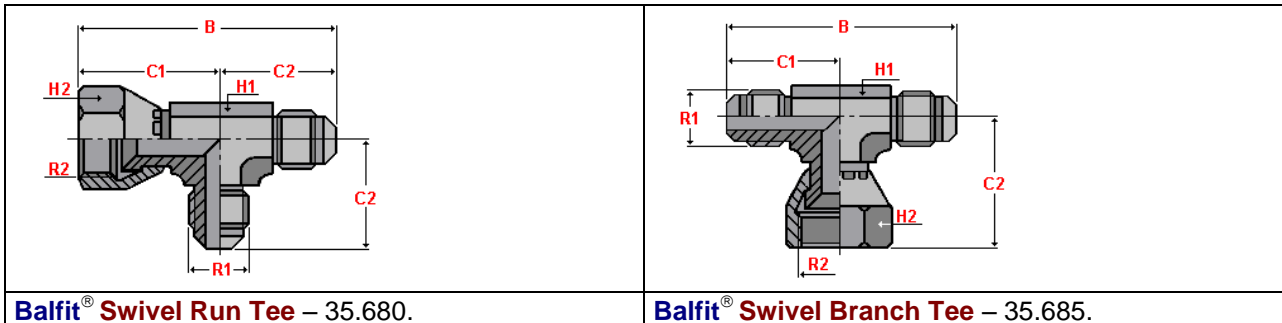
Balfit[®] SAE 37° Flared Pipe Fittings

Balfit[®] Swivel Run Tee – 35.680.

carbon steel swivel JIC female x JIC male x JIC male run tee connector

Balfit[®] Swivel Branch Tee – 35.685.

carbon steel swivel JIC female x JIC male x JIC male branch tee connector



Balfit[®] Swivel Run Tee – 35.680.

Balfit[®] Swivel Branch Tee – 35.685.

According to **ISO 8434-2** According to **SAE J514**

Material: Carbon Steel

Finish: Zinc-plated

part number	Ø tube		thread		dimensions				
	mm	inch	R1	R2	B	C1	C2	H1	H2
35.680.0404	6	1/4"	7/16" – 20	7/16" – 20	48	25	23	11	16
35.680.0505	8	5/16"	1/2" – 20	1/2" – 20	51	27	24	13	16
35.680.0606	10	3/8"	9/16" – 18	9/16" – 18	59	32	27	14	19
35.680.0808	12	1/2"	3/4" – 16	3/4" – 16	67	35	32	19	22
35.680.1010	15	5/8"	7/8" – 14	7/8" – 14	78	41	37	22	27
35.680.1212	20	3/4"	1.1/16" – 12	1.1/16" – 12	87	44	42	27	32
35.680.1616	25	1"	1.5/16" – 12	1.5/16" – 12	97	51	46	33	38
35.680.2020	32	1.1/4"	1.5/8" – 12	1.5/8" – 12	111	58	52	41	50
35.685.0404	6	1/4"	7/16" – 20	7/16" – 20	46	23	25	11	16
35.685.0505	8	5/16"	1/2" – 20	1/2" – 20	48	24	27	13	19
35.685.0606	10	3/8"	9/16" – 18	9/16" – 18	54	27	32	14	22
35.685.0808	12	1/2"	3/4" – 16	3/4" – 16	64	32	35	19	27
35.685.1010	15	5/8"	7/8" – 14	7/8" – 14	74	37	41	22	32
35.685.1212	20	3/4"	1.1/16" – 12	1.1/16" – 12	84	42	44	27	38
35.685.1616	25	1"	1.5/16" – 12	1.5/16" – 12	92	46	51	33	50
35.685.2020	32	1.1/4"	1.5/8" – 12	1.5/8" – 12	104	52	58	41	50

also available:

Balfit[®] Stainless Steel Swivel Run Tee

(add an 'S' at the end of the part number; ex: 35.680.0808 S)

Balfit[®] Stainless Steel Swivel Branch Tee

(add an 'S' at the end of the part number; ex: 35.685.0808 S)

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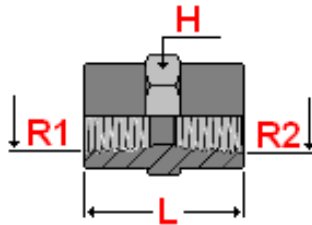
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Balfit[®] NPT Connectors



Balfit[®] NPT Female x NPT Female Connector – 35.281.

carbon steel NPT Female x NPT Female Connector



According to **ISO 8434-2** According to **SAE J514**

Material: Carbon Steel

Finish: Zinc-plated

part number	thread		dimensions				working pressure bar
	R1	R2	L		H		
35.281.0202	1/8" – 27	1/8" – 27	19		14	345	
35.281.0402	1/4" – 18	1/8" – 27	29		19	345	
35.281.0404	1/4" – 18	1/4" – 18	29		19	345	
35.281.0602	3/8" – 18	1/8" – 27	29		19	275	
35.281.0604	3/8" – 18	1/4" – 18	29		19	275	
35.281.0606	3/8" – 18	3/8" – 18	29		19	275	
35.281.0802	1/2" – 14	1/8" – 27	38		27	210	
35.281.0804	1/2" – 14	1/4" – 18	38		27	210	
35.281.0806	1/2" – 14	3/8" – 18	38		27	210	
35.281.0808	1/2" – 14	1/2" – 14	38		27	210	
35.281.1204	3/4" – 14	1/4" – 18	38		36	170	
35.281.1206	3/4" – 14	3/8" – 18	39		36	170	
35.281.1208	3/4" – 14	1/2" – 14	39		36	170	
35.281.1212	3/4" – 14	3/4" – 14	39		36	170	
35.281.1606	1" – 11.1/2"	3/8" – 18	39		41	140	
35.281.1608	1" – 11.1/2"	1/2" – 14	48		41	140	
35.281.1612	1" – 11.1/2"	3/4" – 14	48		41	140	
35.281.1616	1" – 11.1/2"	1" – 11.1/2"	48		41	140	
35.281.2012	1.1/4" – 11.1/2"	3/4" – 14	49		50	80	
35.281.2016	1.1/4" – 11.1/2"	1" – 11.1/2"	49		50	80	
35.281.2020	1.1/4" – 11.1/2"	1.1/4" – 11.1/2"	49		50	80	
35.281.2416	1.1/2" – 11.1/2"	1" – 11.1/2"	49		60	70	
35.281.2420	1.1/2" – 11.1/2"	1.1/4" – 11.1/2"	49		60	70	
35.281.2424	1.1/2" – 11.1/2"	1.1/2" – 11.1/2"	49		60	70	
35.281.3232	2" – 11.1/2"	2" – 11.1/2"	50		75	70	

also available:

Balfit[®] Stainless Steel NPT Female x NPT Female Connector

(add an 'S' at the end of the part number; ex: 35.281.0808 S)

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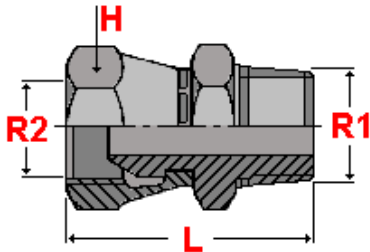
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Balfit[®] NPT Connectors

Balfit[®] NPT Male x Swivel NPSM Female Connector – 35.282

carbon steel NPT Male x Swivel NPSM Female Connector



According to **ISO 8434-2** According to **SAE J514**

Material: Carbon Steel

Finish: Zinc-plated

part number	thread		dimensions		working pressure bar
	R1	R2	L	H	
35.282.0202	1/8" – 27	1/8" – 27	25	17	345
35.282.0402	1/4" – 18	1/8" – 27	30	17	345
35.282.0404	1/4" – 18	1/4" – 18	31	17	345
35.282.0406	1/4" – 18	3/8" – 18	32	22	275
35.282.0408	1/4" – 18	1/2" – 14	36	22	210
35.282.0604	3/8" – 18	1/4" – 18	33	22	275
35.282.0606	3/8" – 18	3/8" – 18	33	22	275
35.282.0608	3/8" – 18	1/2" – 14	33	25	210
35.282.0804	1/2" – 14	1/4" – 18	39	25	210
35.282.0806	1/2" – 14	3/8" – 18	40	25	210
35.282.0808	1/2" – 14	1/2" – 14	41	25	210
35.282.0812	1/2" – 14	3/4" – 14	44	32	170
35.282.1206	3/4" – 14	3/8" – 18	39	32	170
35.282.1208	3/4" – 14	1/2" – 14	42	32	170
35.282.1212	3/4" – 14	3/4" – 14	44	32	170
35.282.1216	3/4" – 14	1" – 11.1/2"	45	36	140
35.282.1220	3/4" – 14	1.1/4" – 11.1/2"	47	46	80
35.282.1606	1" – 11.1/2"	3/8" – 18	46	36	140
35.282.1608	1" – 11.1/2"	1/2" – 14	46	36	140
35.282.1612	1" – 11.1/2"	3/4" – 14	47	36	140
35.282.1616	1" – 11.1/2"	1" – 11.1/2"	51	36	140
35.282.1620	1" – 11.1/2"	1.1/4" – 11.1/2"	52	46	80
35.282.2016	1.1/4" – 11.1/2"	1" – 11.1/2"	51	46	80
35.282.2020	1.1/4" – 11.1/2"	1.1/4" – 11.1/2"	52	46	80
35.282.2024	1.1/4" – 11.1/2"	1.1/2" – 11.1/2"	56	55	70
35.282.2420	1.1/2" – 11.1/2"	1.1/4" – 11.1/2"	55	55	70
35.282.2424	1.1/2" – 11.1/2"	1.1/2" – 11.1/2"	56	55	70
35.282.3232	2" – 11.1/2"	2" – 11.1/2"	60	65	70

also available:

Balfit[®] Stainless Steel NPT Male x Swivel NPSM Female Connector

(add an 'S' at the end of the part number; ex: 35.282.0404 S)

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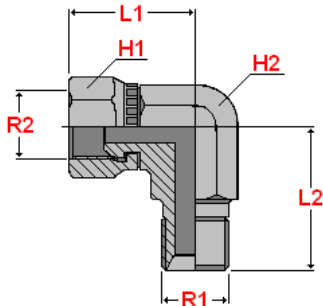
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Balfit® NPT Connectors



Balfit® 90° Elbow NPT Male x Swivel NPSM Female – 35.283.

carbon steel 90° Elbow NPT Male x Swivel NPSM Female



According to **ISO 8434-2** According to **SAE J514**

Material: Carbon Steel

Finish: Zinc-plated

part number	thread		dimensions				working pressure bar
	R1	R2	L1	L2	H1	H2	
35.283.0202	1/8" – 27	1/8" – 27	23	20	14	14	345
35.283.0204	1/8" – 27	1/4" – 18	23	22	14	14	345
35.283.0402	1/4" – 18	1/8" – 27	28	20	14	14	345
35.283.0404	1/4" – 18	1/4" – 18	28	22	14	14	345
35.283.0406	1/4" – 18	3/8" – 18	31	25	19	19	275
35.283.0408	1/4" – 18	1/2" – 14	33	28	22	22	210
35.283.0604	3/8" – 18	1/4" – 18	31	25	19	19	275
35.283.0606	3/8" – 18	3/8" – 18	31	25	19	19	275
35.283.0608	3/8" – 18	1/2" – 14	33	28	22	22	210
35.283.0612	3/8" – 18	3/4" – 14	29	33	32	32	170
35.283.0804	1/2" – 14	1/4" – 18	37	26	22	22	210
35.283.0806	1/2" – 14	3/8" – 18	37	26	22	22	210
35.283.0808	1/2" – 14	1/2" – 14	37	28	22	22	210
35.283.0812	1/2" – 14	3/4" – 14	40	33	27	27	170
35.283.1204	3/4" – 14	1/4" – 18	51	24	32	32	170
35.283.1206	3/4" – 14	3/8" – 18	40	32	27	27	170
35.283.1208	3/4" – 14	1/2" – 14	40	34	27	27	170
35.283.1212	3/4" – 14	3/4" – 14	40	33	27	27	170
35.283.1216	3/4" – 14	1" – 11.1/2"	45	39	33	33	140
35.283.1220	3/4" – 14	1.1/4" – 11.1/2"	60	41	46	46	80
35.283.1608	1" – 11.1/2"	1/2" – 14	60	31	38	38	140
35.283.1612	1" – 11.1/2"	3/4" – 14	50	36	32	32	140
35.283.1616	1" – 11.1/2"	1" – 11.1/2"	50	39	32	32	140
35.283.1620	1" – 11.1/2"	1.1/4" – 11.1/2"	60	44	41	41	80
35.283.2012	1.1/4" – 11.1/2"	3/4" – 14	67	40	46	46	80
35.283.2016	1.1/4" – 11.1/2"	1" – 11.1/2"	60	43	41	41	80
35.283.2020	1.1/4" – 11.1/2"	1.1/4" – 11.1/2"	60	44	41	41	80
35.283.2024	1.1/4" – 11.1/2"	1.1/2" – 11.1/2"	71	44	55	55	70
35.283.2420	1.1/2" – 11.1/2"	1.1/4" – 11.1/2"	67	45	46	46	70
35.283.2424	1.1/2" – 11.1/2"	1.1/2" – 11.1/2"	67	48	46	46	70
35.283.3232	2" – 11.1/2"	2" – 11.1/2"	76	58	65	65	70

also available:

Balfit® Stainless Steel Male 90° Elbow NPT Male x Swivel NPSM Female

(add an 'S' at the end of the part number; ex: 35.283.0404 S)

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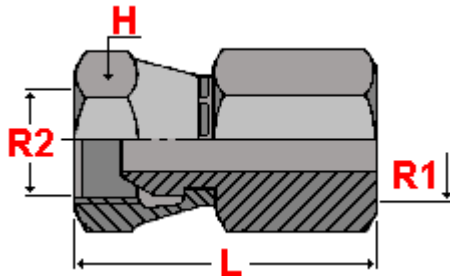
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Balfit[®] NPT Connectors

Balfit[®] NPT Female x Swivel NPSM Female – 35.285

carbon steel NPT Female x Swivel NPSM Female Connector



According to **ISO 8434-2** According to **SAE J514**

Material: Carbon Steel

Finish: Zinc-plated

part number	thread		dimensions				working pressure bar
	R1	R2	L		H		
35.285.0204	1/8" – 27	1/4" – 18	32		17	345	
35.285.0402	1/4" – 18	1/8" – 27	30		17	345	
35.285.0404	1/4" – 18	1/4" – 18	31		17	345	
35.285.0406	1/4" – 18	3/8" – 18	32		17	275	
35.285.0604	3/8" – 18	1/4" – 18	33		19	275	
35.285.0606	3/8" – 18	3/8" – 18	33		19	275	
35.285.0608	3/8" – 18	1/2" – 14	34		22	210	
35.285.0804	1/2" – 14	1/4" – 18	39		22	210	
35.285.0806	1/2" – 14	3/8" – 18	37		22	210	
35.285.0808	1/2" – 14	1/2" – 14	38		22	210	
35.285.0812	1/2" – 14	3/4" – 14	41		32	170	
35.285.1208	3/4" – 14	1/2" – 14	39		32	170	
35.285.1212	3/4" – 14	3/4" – 14	41		31	170	
35.285.1216	3/4" – 14	1" – 11.1/2"	49		36	140	
35.285.1612	1" – 11.1/2"	3/4" – 14	49		36	140	
35.285.1616	1" – 11.1/2"	1" – 11.1/2"	51		36	140	
35.285.2020	1.1/4" – 11.1/2"	1.1/4" – 11.1/2"	51		46	80	
35.285.2424	1.1/2" – 11.1/2"	1.1/2" – 11.1/2"	51		55	70	
35.285.3232	2" – 11.1/2"	2" – 11.1/2"	54		65	70	

also available:

Balfit[®] Stainless Steel NPT Female x Swivel NPSM Female

(add an 'S' at the end of the part number; ex: 35.285.0404 S)

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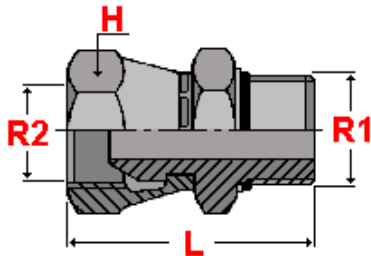
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Balfit® NPT Connectors



Balfit® SAE-ORB Male x Swivel NPSM Female – 35.286

carbon steel SAE-ORB Male x Swivel NPSM Female Connector



According to **ISO 8434-2** According to **SAE J514**

Material: Carbon Steel

Finish: Zinc-plated

part number	thread		dimensions				working pressure bar
	R1	R2	L		H		
35.286.0402	7/16" – 20	1/8" – 27	27		14	345	
35.286.0404	7/16" – 20	1/4" – 18	28		14	345	
35.286.0406	7/16" – 20	3/8" – 18	29		19	345	
35.286.0408	7/16" – 20	1/2" – 14	31		19	345	
35.286.0504	1/2" – 20	1/4" – 18	28		17	345	
35.286.0506	1/2" – 20	3/8" – 18	31		19	345	
35.286.0604	9/16" – 18	1/4" – 18	27		17	345	
35.286.0606	9/16" – 18	3/8" – 18	30		17	275	
35.286.0608	9/16" – 18	1/2" – 14	31		22	210	
35.286.0804	3/4" – 16	1/4" – 18	31		22	275	
35.286.0806	3/4" – 16	3/8" – 18	31		22	275	
35.286.0808	3/4" – 16	1/2" – 14	31		22	210	
35.286.0812	3/4" – 16	3/4" – 14	36		25	170	
35.286.1006	7/8" – 14	3/8" – 18	34		25	240	
35.286.1008	7/8" – 14	1/2" – 14	41		25	210	
35.286.1012	7/8" – 14	3/4" – 14	38		25	170	
35.286.1206	1.1/16" – 12	3/8" – 18	39		32	210	
35.286.1208	1.1/16" – 12	1/2" – 14	37		32	210	
35.286.1212	1.1/16" – 12	3/4" – 14	40		32	170	
35.286.1216	1.1/16" – 12	1" – 11.1/2"	41		32	140	
35.286.1412	1.3/16" – 12	3/4" – 14	50		36	170	
35.286.1416	1.3/16" – 12	1" – 11.1/2"	44		36	140	
35.286.1608	1.5/16" – 12	1/2" – 14	41		36	170	
35.286.1612	1.5/16" – 12	3/4" – 14	43		41	170	
35.286.1616	1.5/16" – 12	1" – 11.1/2"	43		41	140	
35.286.1620	1.5/16" – 12	1.1/4" – 11.1/2"	48		46	80	
35.286.2012	1.5/8" – 12	3/4" – 14	45		46	80	
35.286.2016	1.5/8" – 12	1" – 11.1/2"	46		46	80	
35.286.2020	1.5/8" – 12	1.1/4" – 11.1/2"	57		46	80	
35.286.2420	1.7/8" – 12	1.1/4" – 11.1/2"	50		55	70	
35.286.2424	1.7/8" – 12	1.1/2" – 11.1/2"	50		55	70	
35.286.3232	2.1/2" – 12	2" – 11.1/2"	55		55	70	

also available:

Balfit® Stainless Steel SAE-ORB Male x Swivel NPSM Female

(add an 'S' at the end of the part number; ex: 35.286.0404 S)

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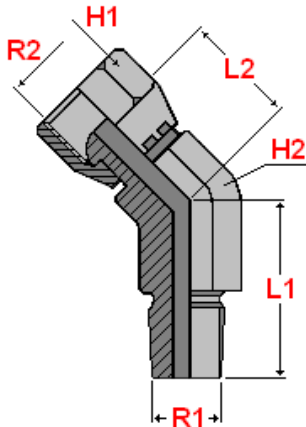
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Balfit[®] NPT Connectors

Balfit[®] 45° Elbow NPT Male x NPSM Swivel Female – 35.287

carbon steel 45° Elbow NPT Male x NPSM Swivel Female



According to **ISO 8434-2** According to **SAE J514**

Material: Carbon Steel

Finish: Zinc-plated

part number	thread		dimensions				working pressure bar
	R1	R2	L1	L2	H1	H2	
35.287.0204	1/8" – 27	1/4" – 18	17	12	17	17	345
35.287.0402	1/4" – 18	1/8" – 27	23	13	17	17	345
35.287.0404	1/4" – 18	1/4" – 18	22	19	14	14	345
35.287.0406	1/4" – 18	3/8" – 18	19	27	22	22	275
35.287.0408	1/4" – 18	1/2" – 14	33	18	25	25	210
35.287.0604	3/8" – 18	1/4" – 18	24	20	19	19	275
35.287.0606	3/8" – 18	3/8" – 18	24	21	19	19	275
35.287.0608	3/8" – 18	1/2" – 14	25	22	22	22	210
35.287.0804	1/2" – 14	1/4" – 18	19	35	25	25	210
35.287.0806	1/2" – 14	3/8" – 18	30	21	22	22	210
35.287.0808	1/2" – 14	1/2" – 14	30	22	22	22	210
35.287.0812	1/2" – 14	3/4" – 14	30	26	27	27	170
35.287.1206	3/4" – 14	3/8" – 18	34	25	32	32	170
35.287.1208	3/4" – 14	1/2" – 14	30	27	27	27	170
35.287.1212	3/4" – 14	3/4" – 14	30	26	27	27	170
35.287.1216	3/4" – 14	1" – 11.1/2"	33	29	33	33	140
35.287.1612	1" – 11.1/2"	3/4" – 14	38	26	33	33	140
35.287.1616	1" – 11.1/2"	1" – 11.1/2"	38	29	33	33	140
35.287.1620	1" – 11.1/2"	1.1/4" – 11.1/2"	42	31	41	41	80
35.287.2016	1.1/4" – 11.1/2"	1" – 11.1/2"	42	30	41	41	80
35.287.2020	1.1/4" – 11.1/2"	1.1/4" – 11.1/2"	42	31	41	41	80
35.287.2424	1.1/2" – 11.1/2"	1.1/2" – 11.1/2"	45	34	48	48	70
35.287.3232	2" – 11.1/2"	2" – 11.1/2"	54	37	64	64	70

also available:

Balfit[®] Stainless Steel 45° Elbow NPT Male x NPSM Swivel Female

(add an 'S' at the end of the part number; ex: 35.287.0404 S)

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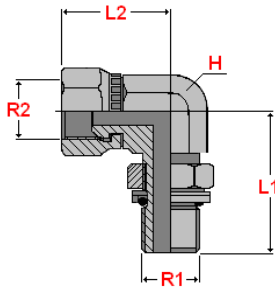
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Balfit® NPT Connectors



Balfit® 90° Elbow SAE-ORB Male x NPSM Swivel Female 35.289

carbon steel 90° Elbow SAE-ORB Adjustable Male x NPSM Swivel Female



According to **ISO 8434-2** According to **SAE J514**

Material: Carbon Steel

Finish: Zinc-plated

part number	thread		dimensions			working pressure
	R1	R2	L1	L2	H	bar
35.289.0402	7/16" - 20	1/8" - 27	28	19	14	345
35.289.0404	7/16" - 20	1/4" - 18	26	25	19	345
35.289.0406	7/16" - 20	3/8" - 18	32	24	22	345
35.289.0408	7/16" - 20	1/2" - 14	33	26	25	345
35.289.0504	1/2" - 20	1/4" - 18	29	20	19	345
35.289.0604	9/16" - 18	1/4" - 18	32	27	19	345
35.289.0606	9/16" - 18	3/8" - 18	32	28	22	275
35.289.0608	9/16" - 18	1/2" - 14	35	34	27	210
35.289.0804	3/4" - 16	1/4" - 18	38	23	19	275
35.289.0806	3/4" - 16	3/8" - 18	37	30	22	275
35.289.0808	3/4" - 16	1/2" - 14	37	34	27	210
35.289.0812	3/4" - 16	3/4" - 14	41	42	33	170
35.289.1004	7/8" - 14	1/4" - 18	42	23	29	240
35.289.1006	7/8" - 14	3/8" - 18	43	32	29	240
35.289.1008	7/8" - 14	1/2" - 14	43	35	29	210
35.289.1012	7/8" - 14	3/4" - 14	45	41	29	170
35.289.1206	1.1/16" - 12	3/8" - 18	49	28	32	210
35.289.1208	1.1/16" - 12	1/2" - 14	49	38	32	210
35.289.1212	1.1/16" - 12	3/4" - 14	49	42	42	170
35.289.1216	1.1/16" - 12	1" - 11.1/2"	51	32	42	140
35.289.1412	1.3/16" - 12	3/4" - 14	49	32	32	170
35.289.1416	1.3/16" - 12	1" - 11.1/2"	51	53	32	140
35.289.1612	1.5/16" - 12	3/4" - 14	53	25	33	170
35.289.1616	1.5/16" - 12	1" - 11.1/2"	52	48	48	140
35.289.1620	1.5/16" - 12	1.1/4" - 11.1/2"	57	56	56	80
35.289.2012	1.5/8" - 12	3/4" - 14	63	51	51	80
35.289.2016	1.5/8" - 12	1" - 11.1/2"	57	53	53	80
35.289.2020	1.5/8" - 12	1.1/4" - 11.1/2"	57	56	56	80
35.289.2424	1.7/8" - 12	1.1/2" - 11.1/2"	66	44	65	70
35.289.3232	2.1/2" - 12	2" - 11.1/2"	83	59	71	70

also available:

Balfit® Stainless Steel 90° Elbow SAE-ORB Male x NPSM Swivel Female

(add an 'S' at the end of the part number; ex: 35.289.0404 S)

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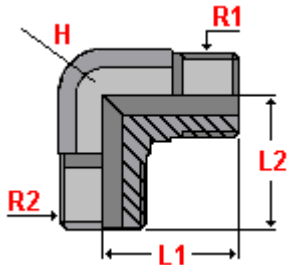
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Balfit[®] NPT Connectors

Balfit[®] NPT Male 90° Elbow – 35.800.

carbon steel NPT Male 90° Elbow



According to **ISO 8434-2** According to **SAE J514**

Material: Carbon Steel

Finish: Zinc-plated

part number	thread		dimensions				working pressure bar
	R1	R2	L1	L2	H		
35.800.0202	1/8" – 27	1/8" – 27	20	20	14	345	
35.800.0402	1/4" – 18	1/8" – 27	28	23	14	345	
35.800.0404	1/4" – 18	1/4" – 18	28	28	14	345	
35.800.0604	3/8" – 18	1/4" – 18	31	31	19	275	
35.800.0606	3/8" – 18	3/8" – 18	31	31	19	275	
35.800.0804	1/2" – 14	1/4" – 18	37	33	22	210	
35.800.0806	1/2" – 14	3/8" – 18	37	33	22	210	
35.800.0808	1/2" – 14	1/2" – 14	37	37	22	210	
35.800.1208	3/4" – 14	1/2" – 14	40	40	27	170	
35.800.1212	3/4" – 14	3/4" – 14	40	40	27	170	
35.800.1608	1" – 11.1/2"	1/2" – 14	50	45	35	140	
35.800.1612	1" – 11.1/2"	3/4" – 14	50	45	35	140	
35.800.1616	1" – 11.1/2"	1" – 11.1/2"	50	50	35	140	
35.800.2020	1.1/4" – 11.1/2"	1.1/4" – 11.1/2"	60	60	44	80	
35.800.2424	1.1/2" – 11.1/2"	1.1/2" – 11.1/2"	67	67	50	70	
35.800.3232	2" – 11.1/2"	2" – 11.1/2"	76	76	65	70	

also available:

Balfit[®] Stainless Steel NPT Male 90° Elbow

(add an 'S' at the end of the part number; ex: 35.800.0404 S)

Construction characteristics and dimensions may be changed at any time without prior notice.

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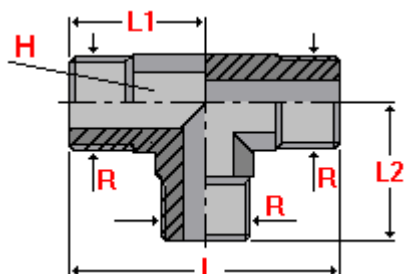
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Balfit[®] NPT Connectors



Balfit[®] NPT Male Tee – 35.801.

carbon steel NPT Male Tee



Material: Carbon Steel
Finish: Zinc-plated

part number	thread	dimensions					working pressure
	R	L	L1	L2	H	bar	
35.801.0202	1/8" – 27	40	20	20	12	345	
35.801.0404	1/4" – 18	56	28	28	14	345	
35.801.0606	3/8" – 18	62	31	31	19	275	
35.801.0808	1/2" – 14	74	37	37	22	210	
35.801.1212	3/4" – 14	80	40	40	27	170	
35.801.1616	1" – 11.1/2"	100	50	50	32	140	

also available:

Balfit[®] Stainless Steel NPT Male Tee

(add an 'S' at the end of the part number; ex: 35.801.0404 S)

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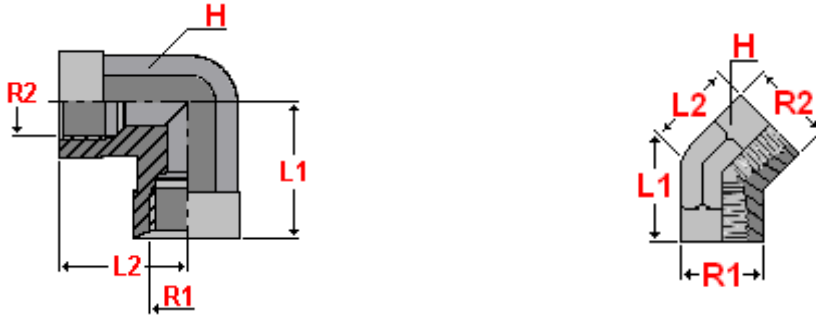
Balfit[®] NPT Connectors

Balfit[®] 90° Elbow NPT Female – 35.802.

carbon steel 90° Elbow NPT Female

Balfit[®] 45° Elbow NPT Female – 35.813.

(carbon steel 45° Elbow NPT Female)



Material: Carbon Steel
Finish: Zinc-plated

part number	thread		dimensions			working pressure bar
	R1	R2	L1	L2	H	
35.802.0202	1/8" – 27	1/8" – 27	17	17	19	345
35.802.0404	1/4" – 18	1/4" – 18	22	22	19	345
35.802.0604	3/8" – 18	1/4" – 18	26	26	22	275
35.802.0606	3/8" – 18	3/8" – 18	26	26	22	275
35.802.0808	1/2" – 14	1/2" – 14	31	31	27	210
35.802.1212	3/4" – 14	3/4" – 14	35	35	32	170
35.802.1616	1" – 11.1/2"	1" – 11.1/2"	41	41	41	140
35.802.2020	1.1/4" – 11.1/2"	1.1/4" – 11.1/2"	43	43	46	80
35.802.2424	1.1/2" – 11.1/2"	1.1/2" – 11.1/2"	53	53	65	70
35.802.3232	2" – 11.1/2"	2" – 11.1/2"	61	61	75	70

part number	thread		dimensions			working pressure bar
	R1	R2	L1	L2	H	
35.813.0404	1/4" – 18	1/4" – 18	18	18	19	345
35.813.0606	3/8" – 18	3/8" – 18	19	19	22	275
35.813.0808	1/2" – 14	1/2" – 14	24	24	27	210
35.813.1212	3/4" – 14	3/4" – 14	25	25	32	170
35.813.1616	1" – 11.1/2"	1" – 11.1/2"	30	30	41	140
35.813.2020	1.1/4" – 11.1/2"	1.1/4" – 11.1/2"	37	37	50	80

also available:

Balfit[®] Stainless Steel 90° Elbow NPT Female

(add an 'S' at the end of the part number; ex: 35.802.04 S)

Balfit[®] Stainless Steel 45° Elbow NPT Female

(add an 'S' at the end of the part number; ex: 35.813.04 S)

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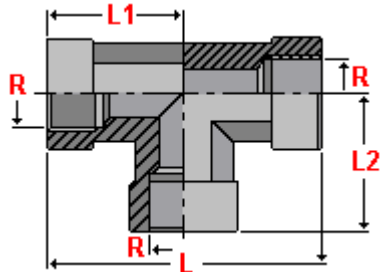
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Balfit[®] NPT Connectors



Balfit[®] NPT Female Tee – 35.803.

carbon steel NPT Female Tee



Material: Carbon Steel
Finish: Zinc-plated

part number	thread	dimensions					working pressure
	R	L	L1	L2	H	bar	
35.803.0404	1/4" – 18	44	22	22	19	345	
35.803.0606	3/8" – 18	52	26	26	22	275	
35.803.0808	1/2" – 14	62	31	31	27	210	
35.803.1212	3/4" – 14	70	35	35	32	170	
35.803.1616	1" – 11.1/2"	82	41	41	41	140	
35.803.2020	1.1/4" – 11.1/2"	86	43	43	46	80	
35.803.2424	1.1/2" – 11.1/2"	106	53	53	65	70	
35.803.3232	2" – 11.1/2"	122	61	61	75	70	

also available:

Balfit[®] Stainless Steel NPT Female Tee

(add an 'S' at the end of the part number; ex: 35.803.0404 S)

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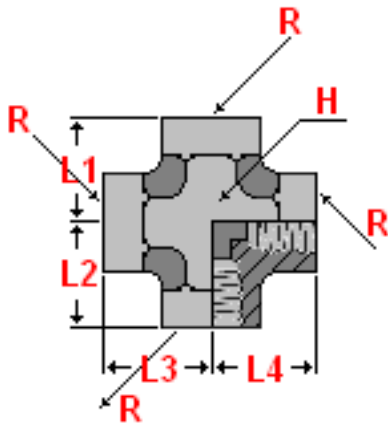
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Balfit[®] NPT Connectors

Balfit[®] NPT Female Cross – 35.804.

carbon steel NPT Female Cross



Material: Carbon Steel

Finish: Zinc-plated

part number	thread	dimensions					working pressure
	R	L1	L2	L3	L4	H	bar
35.804.0404	1/4" – 18	22	22	22	22	22	345
35.804.0606	3/8" – 18	26	26	26	26	26	275
35.804.0808	1/2" – 14	31	31	31	31	31	210
35.804.1212	3/4" – 14	35	35	35	35	35	170
35.804.1616	1" – 11.1/2"	41	41	41	41	41	140
35.804.2020	1.1/4" – 11.1/2"	41	41	41	41	46	80
35.804.2424	1.1/2" – 11.1/2"	41	41	41	41	65	70
35.804.3232	2" – 11.1/2"	61	61	61	61	70	70

also available:

Balfit[®] Stainless Steel NPT Female Cross

(add an 'S' at the end of the part number; ex: 35.804.0404 S)

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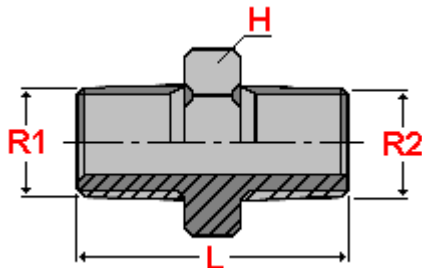
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Balfit[®] NPT Connectors



Balfit[®] NPT Male Union – 35.805.

carbon steel NPT Male Union



According to **ISO 8434-2** According to **SAE J514**

Material: Carbon Steel

Finish: Zinc-plated

part number	thread		dimensions				working pressure bar
	R1	R2	L		H		
35.805.0202	1/8" – 27	1/8" – 27	27		12	345	
35.805.0402	1/4" – 18	1/8" – 27	32		17	345	
35.805.0404	1/4" – 18	1/4" – 18	37		17	345	
35.805.0602	3/8" – 18	1/8" – 27	32		19	275	
35.805.0604	3/8" – 18	1/4" – 18	37		19	275	
35.805.0606	3/8" – 18	3/8" – 18	37		19	275	
35.805.0804	1/2" – 14	1/4" – 18	43		22	210	
35.805.0806	1/2" – 14	3/8" – 18	43		22	210	
35.805.0808	1/2" – 14	1/2" – 14	48		22	210	
35.805.1204	3/4" – 14	1/4" – 18	45		28	170	
35.805.1206	3/4" – 14	3/8" – 18	45		28	170	
35.805.1208	3/4" – 14	1/2" – 14	50		28	170	
35.805.1212	3/4" – 14	3/4" – 14	50		28	170	
35.805.1604	1" – 11.1/2"	1/4" – 18	50		35	140	
35.805.1606	1" – 11.1/2"	3/8" – 18	50		35	140	
35.805.1608	1" – 11.1/2"	1/2" – 14	55		35	140	
35.805.1612	1" – 11.1/2"	3/4" – 14	55		35	140	
35.805.1616	1" – 11.1/2"	1" – 11.1/2"	59		35	140	
35.805.2012	1.1/4" – 11.1/2"	3/4" – 14	61		46	80	
35.805.2016	1.1/4" – 11.1/2"	1" – 11.1/2"	62		46	80	
35.805.2020	1.1/4" – 11.1/2"	1.1/4" – 11.1/2"	63		46	80	
35.805.2412	1.1/2" – 11.1/2"	3/4" – 14	60		50	70	
35.805.2416	1.1/2" – 11.1/2"	1" – 11.1/2"	65		50	70	
35.805.2420	1.1/2" – 11.1/2"	1.1/4" – 11.1/2"	66		50	70	
35.805.2424	1.1/2" – 11.1/2"	1.1/2" – 11.1/2"	66		50	70	
35.805.3216	2" – 11.1/2"	1" – 11.1/2"	69		65	70	
35.805.3220	2" – 11.1/2"	1.1/4" – 11.1/2"	70		65	70	
35.805.3224	2" – 11.1/2"	1.1/2" – 11.1/2"	70		65	70	
35.805.3232	2" – 11.1/2"	2" – 11.1/2"	72		65	70	

also available:

Balfit[®] Stainless Steel NPT Male Union

(add an 'S' at the end of the part number; ex: 35.805.0404 S)

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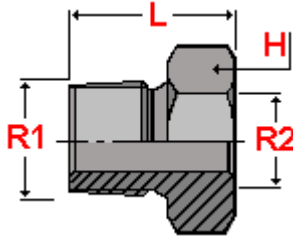
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Balfit[®] NPT Connectors

Balfit[®] NPT Thread Reducer Bushing – 35.806.

carbon steel NPT Thread Reducer



According to **ISO 8434-2** According to **SAE J514**

Material: Carbon Steel
Finish: Zinc-plated

part number	thread		dimensions				working pressure bar
	R1	R2	L		H		
35.806.0402	1/4" – 18	1/8" – 27	22		17	345	
35.806.0602	3/8" – 18	1/8" – 27	22		19	275	
35.806.0604	3/8" – 18	1/4" – 18	22		19	275	
35.806.0802	1/2" – 14	1/8" – 27	28		22	210	
35.806.0804	1/2" – 14	1/4" – 18	28		22	210	
35.806.0806	1/2" – 14	3/8" – 18	28		22	210	
35.806.1202	3/4" – 14	1/8" – 27	30		30	170	
35.806.1204	3/4" – 14	1/4" – 18	30		30	170	
35.806.1206	3/4" – 14	3/8" – 18	30		30	170	
35.806.1208	3/4" – 14	1/2" – 14	30		30	170	
35.806.1602	1" – 11.1/2"	1/8" – 27	35		36	140	
35.806.1604	1" – 11.1/2"	1/4" – 18	35		36	140	
35.806.1606	1" – 11.1/2"	3/8" – 18	35		36	140	
35.806.1608	1" – 11.1/2"	1/2" – 14	35		36	140	
35.806.1612	1" – 11.1/2"	3/4" – 14	35		35	140	
35.806.2004	1.1/4" – 11.1/2"	1/4" – 18	37		37	80	
35.806.2006	1.1/4" – 11.1/2"	3/8" – 18	37		37	80	
35.806.2008	1.1/4" – 11.1/2"	1/2" – 14	37		37	80	
35.806.2012	1.1/4" – 11.1/2"	3/4" – 14	37		37	80	
35.806.2016	1.1/4" – 11.1/2"	1" – 11.1/2"	37		37	80	
35.806.2404	1.1/2" – 11.1/2"	1/4" – 18	40		40	70	
35.806.2406	1.1/2" – 11.1/2"	3/8" – 18	40		40	70	
35.806.2408	1.1/2" – 11.1/2"	1/2" – 14	40		40	70	
35.806.2412	1.1/2" – 11.1/2"	3/4" – 14	40		40	70	
35.806.2416	1.1/2" – 11.1/2"	1" – 11.1/2"	40		40	70	
35.806.2420	1.1/2" – 11.1/2"	1.1/4" – 11.1/2"	40		40	70	
35.806.3206	2" – 11.1/2"	3/8" – 18	44		44	70	
35.806.3208	2" – 11.1/2"	1/2" – 14	44		44	70	
35.806.3212	2" – 11.1/2"	3/4" – 14	44		44	70	
35.806.3216	2" – 11.1/2"	1" – 11.1/2"	44		44	70	
35.806.3220	2" – 11.1/2"	1.1/4" – 11.1/2"	44		44	70	
35.806.3224	2" – 11.1/2"	1.1/2" – 11.1/2"	44		44	70	

also available:

Balfit[®] Stainless Steel NPT Thread Reducer

(add an 'S' at the end of the part number; ex: 35.806.0402 S)

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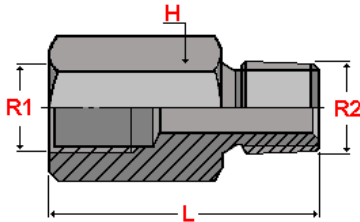
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Balfit® NPT Connectors



Balfit® Female NPT to Male NPT Expander – 35.807.

carbon steel NPT Female NPT to Male NPT Expander



According to **ISO 8434-2** According to **SAE J514**

Material: Carbon Steel

Finish: Zinc-plated

part number	thread		dimensions				working pressure bar
	R1	R2	L			H	
35.807.0204	1/8" – 27	1/4" – 18	31			17	345
35.807.0206	1/8" – 27	3/8" – 18	36			17	275
35.807.0402	1/4" – 18	1/8" – 27	31			19	345
35.807.0404	1/4" – 18	1/4" – 18	35			19	345
35.807.0406	1/4" – 18	3/8" – 18	37			19	275
35.807.0602	3/8" – 18	1/8" – 27	32			22	275
35.807.0604	3/8" – 18	1/4" – 18	37			22	275
35.807.0606	3/8" – 18	3/8" – 18	36			22	275
35.807.0608	3/8" – 18	1/2" – 14	47			22	210
35.807.0612	3/8" – 18	3/4" – 14	41			25	170
35.807.0802	1/2" – 14	1/8" – 27	38			32	210
35.807.0804	1/2" – 14	1/4" – 18	43			32	210
35.807.0806	1/2" – 14	3/8" – 18	43			32	210
35.807.0808	1/2" – 14	1/2" – 14	47			32	210
35.807.0812	1/2" – 14	3/4" – 14	49			32	170
35.807.0816	1/2" – 14	1" – 11.1/2"	52			32	140
35.807.1204	3/4" – 14	1/4" – 18	44			36	170
35.807.1206	3/4" – 14	3/8" – 18	44			36	170
35.807.1208	3/4" – 14	1/2" – 14	49			36	170
35.807.1212	3/4" – 14	3/4" – 14	49			36	170
35.807.1216	3/4" – 14	1" – 11.1/2"	54			35	140
35.807.1612	1" – 11.1/2"	3/4" – 14	55			41	140
35.807.1616	1" – 11.1/2"	1" – 11.1/2"	60			41	140
35.807.1620	1" – 11.1/2"	1.1/4" – 11.1/2"	64			46	80
35.807.2012	1.1/4" – 11.1/2"	3/4" – 14	58			51	80
35.807.2016	1.1/4" – 11.1/2"	1" – 11.1/2"	62			51	80
35.807.2020	1.1/4" – 11.1/2"	1.1/4" – 11.1/2"	63			51	80
35.807.2024	1.1/4" – 11.1/2"	1.1/2" – 11.1/2"	56			51	70
35.807.2416	1.1/2" – 11.1/2"	1" – 11.1/2"	63			61	70
35.807.2420	1.1/2" – 11.1/2"	1.1/4" – 11.1/2"	64			60	70
35.807.2424	1.1/2" – 11.1/2"	1.1/2" – 11.1/2"	64			60	70
35.807.3220	2" – 11.1/2"	1.1/4" – 11.1/2"	66			75	70
35.807.3224	2" – 11.1/2"	1.1/2" – 11.1/2"	67			75	70
35.807.3232	2" – 11.1/2"	2" – 11.1/2"	67			75	70

also available:

Balfit® Stainless Steel Female NPT to Male NPT Expander

(add an 'S' at the end of the part number; ex: 35.807.0402 S)

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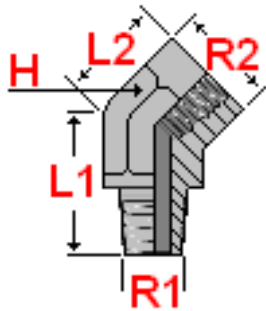
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Balfit[®] NPT Connectors

Balfit[®] 45° Elbow Female NPT to Male NPT – 35.808.

carbon steel 45° Elbow Female NPT to Male NPT



According to **ISO 8434-2** According to **SAE J514**

Material: Carbon Steel

Finish: Zinc-plated

part number	thread		dimensions			working pressure bar
	R1	R2	L1	L2	H	
35.808.0202	1/8" – 27	1/8" – 27	18	12	14	345
35.808.0404	1/4" – 18	1/4" – 18	27	16	19	345
35.808.0606	3/8" – 18	3/8" – 18	27	18	22	275
35.808.0808	1/2" – 14	1/2" – 14	34	23	27	210
35.808.1212	3/4" – 14	3/4" – 14	35	25	32	170
35.808.1616	1" – 11.1/2"	1" – 11.1/2"	44	44	41	140
35.808.2020	1.1/4" – 11.1/2"	1.1/4" – 11.1/2"	46	41	46	80

also available:

Balfit[®] Stainless Steel 45° Elbow Female NPT to Male NPT

(add an 'S' at the end of the part number; ex: 35.808.0404 S)

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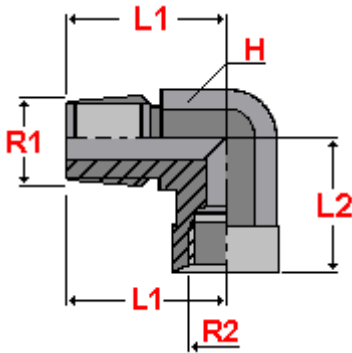
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Balfit[®] NPT Connectors



Balfit[®] 90° Elbow Female NPT to Male NPT – 35.809.

carbon steel 90° Elbow Female NPT to Male NPT



According to **ISO 8434-2** According to **SAE J514**

Material: Carbon Steel

Finish: Zinc-plated

part number	thread		dimensions			working pressure
	R1	R2	L1	L2	H	bar
35.809.0202	1/8" – 27	1/8" – 27	23	17	17	345
35.809.0204	1/8" – 27	1/4" – 18	23	22	19	345
35.809.0402	1/4" – 18	1/8" – 27	28	17	17	345
35.809.0404	1/4" – 18	1/4" – 18	28	22	19	345
35.809.0406	1/4" – 18	3/8" – 18	31	26	22	275
35.809.0408	1/4" – 18	1/2" – 14	33	31	27	210
35.809.0602	3/8" – 18	1/8" – 27	31	20	22	275
35.809.0604	3/8" – 18	1/4" – 18	31	26	22	275
35.809.0606	3/8" – 18	3/8" – 18	31	26	22	275
35.809.0608	3/8" – 18	1/2" – 14	33	31	27	210
35.809.0804	1/2" – 14	1/4" – 18	37	25	22	210
35.809.0806	1/2" – 14	3/8" – 18	37	26	22	210
35.809.0808	1/2" – 14	1/2" – 14	37	31	27	210
35.809.0812	1/2" – 14	3/4" – 14	40	35	32	170
35.809.1208	3/4" – 14	1/2" – 14	40	31	27	170
35.809.1212	3/4" – 14	3/4" – 14	40	35	32	170
35.809.1612	1" – 11.1/2"	3/4" – 14	50	35	32	140
35.809.1616	1" – 11.1/2"	1" – 11.1/2"	50	41	41	140
35.809.2016	1.1/4" – 11.1/2"	1" – 11.1/2"	60	41	41	80
35.809.2020	1.1/4" – 11.1/2"	1.1/4" – 11.1/2"	60	43	46	80
35.809.2420	1.1/2" – 11.1/2"	1.1/4" – 11.1/2"	67	43	51	70
35.809.2424	1.1/2" – 11.1/2"	1.1/2" – 11.1/2"	67	53	65	70
35.809.3232	2" – 11.1/2"	2" – 11.1/2"	76	61	70	70

also available:

Balfit[®] Stainless Steel 90° Elbow Female NPT to Male NPT

(add an 'S' at the end of the part number; ex: 35.809.0404 S)

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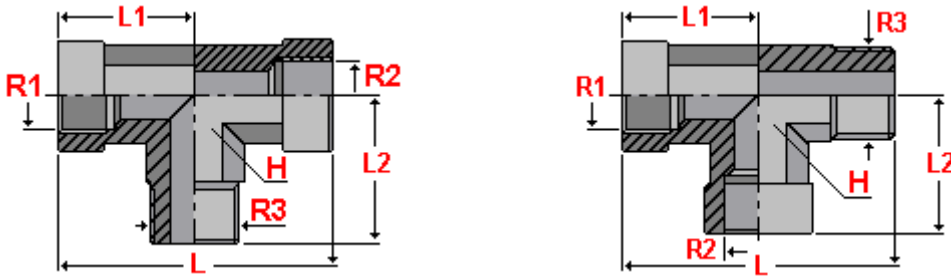
Balfit[®] NPT Connectors

Balfit[®] Female NPT to Male NPT Branch Tee – 35.810.

carbon steel Female NPT to Male NPT Branch Tee

Balfit[®] Female NPT to Male NPT Run Tee – 35.811.

carbon steel Female NPT to Male NPT Run Tee



According to **ISO 8434-2** According to **SAE J514**

Material: Carbon Steel

Finish: Zinc-plated

part number	thread		dimensions				working pressure bar
	R1 / R2	R3	L	L1	L2	H	
35.810.0404	1/4" – 18	1/4" – 18	44	22	28	19	345
35.810.0606	3/8" – 18	3/8" – 18	52	26	31	22	275
35.810.0808	1/2" – 14	1/2" – 14	62	31	37	27	210
35.810.1212	3/4" – 14	3/4" – 14	70	35	40	32	170
35.810.1616	1" – 11.1/2"	1" – 11.1/2"	82	41	50	41	140
35.810.2020	1.1/4" – 11.1/2"	1.1/4" – 11.1/2"	86	43	60	51	80
35.810.2424	1.1/2" – 11.1/2"	1.1/2" – 11.1/2"	106	53	67	65	70

part number	thread		dimensions				working pressure bar
	R1 / R2	R3	L	L1	L2	H	
35.811.0404	1/4" – 18	1/4" – 18	50	22	22	19	345
35.811.0606	3/8" – 18	3/8" – 18	57	26	26	22	275
35.811.0808	1/2" – 14	1/2" – 14	68	31	31	27	210
35.811.1212	3/4" – 14	3/4" – 14	75	35	35	32	170
35.811.1616	1" – 11.1/2"	1" – 11.1/2"	91	41	41	41	140
35.811.2020	1.1/4" – 11.1/2"	1.1/4" – 11.1/2"	103	43	43	50	80
35.811.2424	1.1/2" – 11.1/2"	1.1/2" – 11.1/2"	120	53	53	65	70
35.811.3232	2" – 11.1/2"	2" – 11.1/2"	137	61	61	75	70

also available:

Balfit[®] Stainless Steel Female NPT to Male NPT Branch Tee

(add an 'S' at the end of the part number; ex: 35.810.0404 S)

Balfit[®] Stainless Steel Female NPT to Male NPT Run Tee

(add an 'S' at the end of the part number; ex: 35.811.0404 S)

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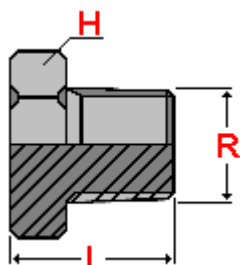
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Balfit[®] NPT Connectors



Balfit[®] NPT Hex Male Plug – 35.812.

carbon steel NPT Hex Male Plug



According to **ISO 8434-2** According to **SAE J514**

Material: Carbon Steel
Finish: Zinc-plated

part number	thread	dimensions				working pressure
	R	L			H	bar
35.812.0202	1/8" – 27	15			12	345
35.812.0404	1/4" – 18	20			14	345
35.812.0606	3/8" – 18	20			17	275
35.812.0808	1/2" – 14	25			19	210
35.812.1212	3/4" – 14	27			27	170
35.812.1616	1" – 11.1/2"	35			36	140
35.812.2020	1.1/4" – 11.1/2"	37			46	80
35.812.2424	1.1/2" – 11.1/2"	40			50	70
35.812.3232	2" – 11.1/2"	44			65	70

also available:

Balfit[®] Stainless Steel NPT Male Plug

(add an 'S' at the end of the part number; ex: 35.812.0404 S)

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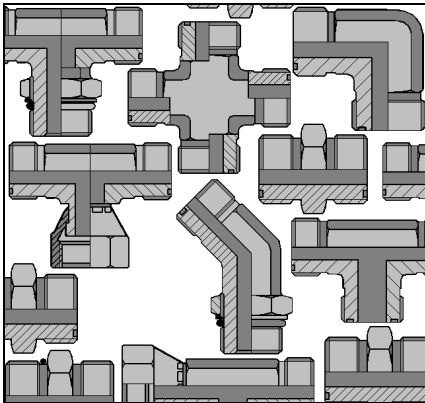
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Balfit[®] ORFS Fittings

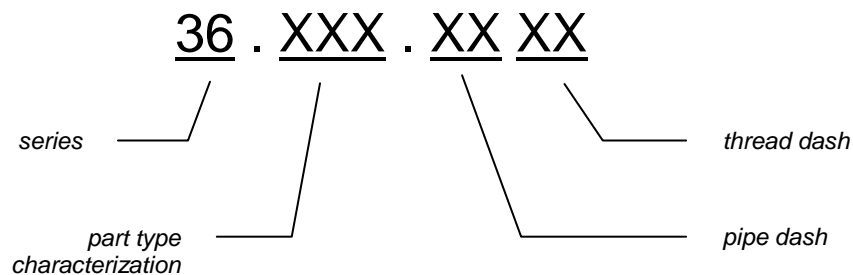


Balfit[®] ORFS O'Ring Face Seal Fittings (Series 36)

The range of **Balfit[®] ORFS O'Ring Face Seal Fittings** is produced according to **Balflex[®]** specifications and to **ISO 8434-3** and **SAE J1453** standards. It covers a very wide variety of applications typical of hydraulic 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. The **Balfit[®]** hydraulic fittings program in this catalogue includes complete fittings line.

The **Balfit[®] ORFS O'Ring Face Seal Fittings** part code is composed of three groups of digits:



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Balflex[®] – The European Technology



Technical Characteristics

The **Balfit[®] ORFS O'Ring Face Seal Fittings** in carbon steel are designed for petroleum based hydraulic fluids applications with a **temperature range of - 20°C (- 4°F) to + 100°C (+ 212°F)**. Fittings without incorporated sealing rings may exceed these temperature limits up to 150°C. Stainless steel variants of the fittings with viton seals, achieving maximum temperatures of 200° C (+ 392°F), are listed in the catalogue pages. If other fluids are used, corrosion resistance of the fittings should be verified before application.

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 (+ 68°F). A linear de-rating factor of 12% / 100°C (+ 212°F) should be used for higher working temperatures. A further de-rating factor of 60% should be used for applications with high impulse cycles.

All bend, tee and cross **Balfit[®] ORFS O'Ring Face Seal Fittings** fittings are made from forged parts, assuring higher reliability and longer service life-span. Straight parts are machined from stock bars.

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.

General Guidelines

Hydraulic hose lines should always be inspected and hydraulically tested before installment. All hydraulic systems should be tested against leakage and with appropriate precautions after any intervention.

The failure of hydraulic lines may be dangerous and expose people and property to irreversible damage. Among other occurrences that must be prevented are the high velocity and high temperature projection of hydraulic fluid, the projection of connectors, pipes and it's parts, spillage or combustion of the fluid, immovability, fall or sudden movement of masses controlled by the hydraulic system.

Hydraulic connectors should be stored protected from humidity and other corrosion inducing factors. Packaging should protect sealing areas and threads against shocks and other damage. Whenever the weight of the parts or the packaging type does not allow assuring this kind of protection, individual plastic caps should be used. All connectors should preferably be handled in small quantities and never in bulk quantities.

Recovered materials should never be used, as the degree of aging and fatigue is unknown and materials that pass visual inspection may be close to life limit. Good practice recommendations and standards exclude therefore the reutilization of used hose. The reutilization of recovered connectors should also be considered with the greatest restraint, as sealing and resistance characteristics may be sharply reduced.

Manufacturing processes leave dirt residues in the tube. Cutting and deburring may leave metal particles that should be removed in order to prevent contamination of the hydraulic system.

Important notice

Selection, assembly and installation of hydraulic lines require specific professional training. This catalogue only supplies additional information and technical data for selection and use of **Balfit[®] ORFS O'Ring Face Seal Fittings**.

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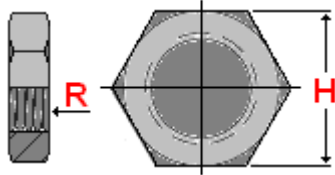
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Balfit[®] Bulkhead Locknut – 36.017.

carbon steel bulkhead locknut for ORFS fittings

SAE# 520118



According to **ISO 8434-3** According to **SAE J1453**

Material: Carbon Steel

Finish: Zinc-plated

part number	dimensions	
	R	H
36.017.04	9/16" - 18	7
36.017.06	11/16" - 16	8
36.017.08	13/16" - 16	9
36.017.10	1" - 14	10,5
36.017.12	1.3/16" - 12	10,5
36.017.16	1.7/16" - 12	10,5
36.017.20	1.11/16" - 12	10,5
36.017.24	2" - 12	10,5

also available:

Balfit[®] Stainless Steel Locknut

(add an 'S' at the end of the part number; ex: 36.017.08S)

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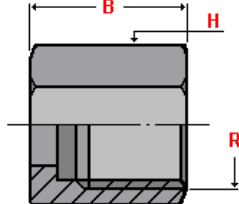
Balfit® ORFS Fittings



Balfit® Tightening Nut – 36.110.

carbon steel tightening nut for ORFS fittings with sleeves

SAE# 070110



According to ISO 8434-3 According to SAE J1453

Material: Carbon Steel

Finish: Zinc-plated

part number	∅ tube		dimensions		
	mm	inch	R	B	H
36.110.04	6	1/4"	9/16" - 18	15	19
36.110.06	10	3/8"	11/16" - 16	17	22
36.110.08	12	1/2"	13/16" - 16	20	24
36.110.10	16	5/8"	1" - 14	24	30
36.110.12	20	3/4"	1.3/16" - 12	26.5	36
36.110.16	25	1"	1.7/16" - 12	27.5	41
36.110.20	32	1.1/4"	1.11/16" - 12	27.5	50
36.110.24	38	1.1/2"	2" - 12	27.5	60

also available:

Balfit® Stainless Steel Tightening Nut

(add an 'S' at the end of the part number; ex: 36.110.08S)

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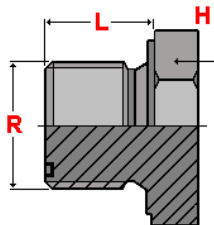
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Balfit® Plugs –36.141.

carbon steel plug

SAE# 520109



36.141. – Hex Thread Plug

According to *ISO 8434-3* According to *SAE J1453*

Material: Carbon Steel

Finish: Zinc-plated

part number	Ø tube		thread	dimensions	
	mm	inch		B	H
36.141.04		1/4"	9/16" - 18	17	17
36.141.06		3/8"	11/16" - 16	19.5	19
36.141.08		1/2"	13/16" - 16	22	22
36.141.10		5/8"	1" - 14	26	27
36.141.12		3/4"	1.3/16" - 12	27.5	32
36.141.16		1"	1.7/16" - 12	28	41
36.141.20		1.1/4"	1.11/16" - 12	28	46
36.141.24		1.1/2"	2" - 12	28	55

also available:

Balfit® Stainless Steel Plugs

(add an 'S' at the end of the part number; ex: 36.141.06S)

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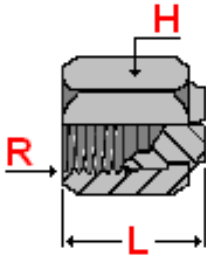
Balfit[®] ORFS Fittings



Balfit[®] Cap – 36.142.

carbon steel ORFS Cap

SAE# 520112



According to *ISO 8434-3* According to *SAE J1453*

Material: Carbon Steel
Finish: Zinc-plated

part number	thread	dimensions	
	R	L	H
36.142.04	9/16" - 18	16	17
36.142.06	11/16" - 16	18	22
36.142.08	13/16" - 16	22	24
36.142.10	1" - 14	24.5	30
36.142.12	1.3/16" - 12	27	36
36.142.16	1.7/16" - 12	28.5	41
36.142.20	1.11/16" - 12	28.5	50
36.142.24	2" - 12	28.5	60

also available:

Balfit[®] Stainless Steel Cap

(add an 'S' at the end of the part number; ex: 36.142.08S)

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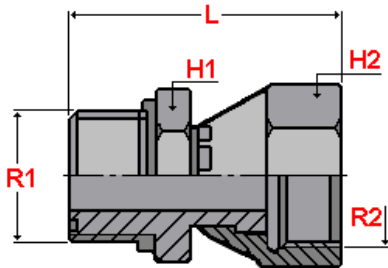
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Balfit[®] ORFS Fittings

Balfit[®] Swivel Connector ORFS Male x JIC Female - 36.180.

carbon steel Swivel Connector ORFS Male x JIC Female



According to ISO 8434-3 According to SAE J1453

Material: Carbon Steel

Finish: Zinc-plated

part number	thread		dimensions			
	R1	R2	L		H1	H2
36.180.0404	9/16" - 18	9/16" - 18	33		14	14
36.180.0406	9/16" - 18	9/16" - 18	36		14	14
36.180.0604	9/16" - 18	9/16" - 18	34		14	14
36.180.0606	9/16" - 18	9/16" - 18	38		17	17
36.180.0608	9/16" - 18	3/4" - 16	41		17	17
36.180.0808	3/4" - 16	3/4" - 16	42		19	19
36.180.1008	7/8" - 14	3/4" - 16	46		19	19
36.180.1010	7/8" - 14	7/8" - 14	48		22	22
36.180.1208	1.1/16" - 12	3/4" - 16	50		22	22
36.180.1212	1.1/16" - 12	1.1/16" - 12	54		32	32
36.180.1616	1.5/16" - 12	1.5/16" - 12	57		36	36
36.180.2020	1.5/8" - 12	1.5/8" - 12	61		46	46
36.180.2424	1.7/8" - 12	1.7/8" - 12	66		50	50

also available:

Balfit[®] Stainless Steel Swivel Connector ORFS Male x JIC Female

(add an 'S' at the end of the part number; ex: 36.180.0808S)

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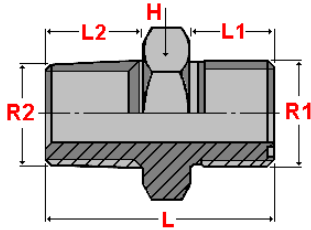
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Balfit® ORFS Fittings



Balfit® Male Connector (ORFS x NPT) – 36.200.

carbon steel ORFS male x NPT (American taper thread) male connector



According to *ISO 8434-3* According to *SAE J1453*

Material: Carbon Steel
Finish: Carbon Steel

part number	thread		dimensions			
	R1	R2	B	L1	L2	H
36.200.0402	9/16" – 18	1/8" – 27	27	10	9.7	17
36.200.0404	9/16" – 18	1/4" – 18	32	10	14.2	17
36.200.0406	9/16" – 18	3/8" – 18	33.5	10	14.2	19
36.200.0604	11/16" – 16	1/4" – 18	33	11	14.2	19
36.200.0606	11/16" – 16	3/8" – 18	34	11	14.2	19
36.200.0608	11/16" – 16	1/2" – 14	39.5	11	19	22
36.200.0806	13/16" – 16	3/8" – 18	37.5	13	14.2	22
36.200.0808	13/16" – 16	1/2" – 14	41.5	13	19	22
36.200.0812	13/16" – 16	3/4" – 14	43	13	19	27
36.200.1008	1" – 14	1/2" – 14	45.5	15.5	19	27
36.200.1012	1" – 14	3/4" – 14	45.5	15.5	19	27
36.200.1208	1.3/16" – 12	1/2" – 14	49	17	19	32
36.200.1212	1.3/16" – 12	3/4" – 14	49	17	19	32
36.200.1216	1.3/16" – 12	1" – 11 1/2"	54	17	23.9	36
36.200.1612	1.7/16" – 12	3/4" – 14	49.5	17.5	19	41
36.200.1616	1.7/16" – 12	1" – 11.1/2"	55.5	17.5	23.9	41
36.200.2020	1.11/16" – 12	1.1/4" – 11.1/2"	58	17.5	24.6	46
36.200.2424	1.7/8" – 12	1.1/2" – 11.1/2"	61	17.5	25.4	55

also available:

Balfit® Stainless Steel Male Connector

(add an 'S' at the end of the part number; ex: 36.200.0806S)

Construction characteristics and dimensions may be changed at any time without prior notice.

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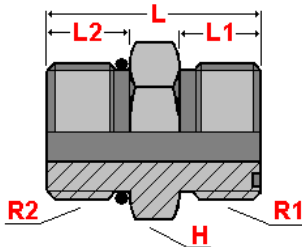
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Balfit® ORFS Fittings

Balfit® ORFS x SAE-ORB Straight Male Connector – 36.220.

carbon steel ORFS x SAE-ORB straight male connector



According to **ISO 8434-3** According to **SAE J1453**

Material: Carbon Steel

Finish: Zinc-plated

part number	Ø tube		thread		dimensions			
	mm	inch	R1	R2	L	L1	L2	H
36.220.0404	6	1/4"	9/16" – 18	7/16" – 20	28.7	10.9	10	17
36.220.0405	6	1/4"	9/16" – 18	1/2" – 20	28.7	10.9	10	17
36.220.0406	6	1/4"	9/16" – 18	9/16" – 18	30.5	12	10	17
36.220.0606	10	3/8"	11/16" – 16	9/16" – 18	31.9	12	11	19
36.220.0608	10	3/8"	11/16" – 16	3/4" – 16	35	14	11	22
36.220.0808	12	1/2"	13/16" – 16	3/4" – 16	36.6	14	13	22
36.220.0810	12	1/2"	13/16" – 16	7/8" – 14	40.4	16	13	27
36.220.1008	14	5/8"	1" – 14	3/4" – 16	45	14	15.5	27
36.220.1010	15	5/8"	1" – 14	7/8" – 14	43	16	15.5	27
36.220.1012	16	5/8"	1" – 14	1.1/16" – 12	47	18.5	15.5	32
36.220.1210	20	3/4"	1.3/16" – 12	7/8" – 14	48.5	16	17	32
36.220.1212	20	3/4"	1.3/16" – 12	1.1/16" – 12	48.5	18.4	17	32
36.220.1216	20	3/4"	1.3/16" – 12	1.5/16" – 12	50	18.5	17	38
36.220.1612	25	1"	1.7/16" – 12	1.1/16" – 12	50.5	18.6	17.5	41
36.220.1616	25	1"	1.7/16" – 12	1.5/16" – 12	50.5	18.7	17.5	41
36.220.2020	32	1.1/4"	1.11/16" – 12	1.5/8" – 12	52	18.5	17.5	46
36.220.2424	38	1.1/2"	2" – 12	1.7/8" – 12	54	18.5	17.5	55

also available:

Balfit® Stainless Steel Straight Male Connector ORFS x SAE-ORB

(add an 'S' at the end of the part number; ex: 36.220.0808S)

Construction characteristics and dimensions may be changed at any time without prior notice.

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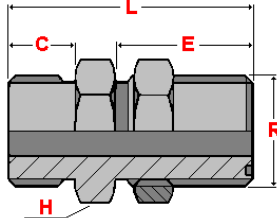
Balfit® ORFS Fittings



Balfit® Straight Bulkhead Union ORFS Male – 36.250.

carbon steel ORFS male x ORFS male straight bulkhead ORFS Male connector

SAE# 520601



According to ISO 8434-3 According to SAE J1453

Material: Carbon Steel

Finish: Zinc-plated

part number	Ø tube		thread	dimensions				
	mm	inch		R	L	C	E	H
36.250.04	6	1/4"	9/16" - 18	48	10	31.5	22	
36.250.06	10	3/8"	11/16" - 16	53	11	34	27	
36.250.08	12	1/2"	13/16" - 16	58.5	13	36.5	30	
36.250.10	16	5/8"	1" - 14	66.5	15.5	40.5	36	
36.250.12	20	3/4"	1.3/16" - 12	69	17	41.5	41	
36.250.16	25	1"	1.7/16" - 12	70	17.5	42	46	
36.250.20	32	1.1/4"	1.11/16" - 12	70	17.5	42	50	
36.250.24	38	1.1/2"	2" - 12	70	17.5	42	60	

also available:

Balfit® Stainless Steel Straight Bulkhead Union ORFS Male

(add an 'S' at the end of the part number; ex: 36.250.08S)

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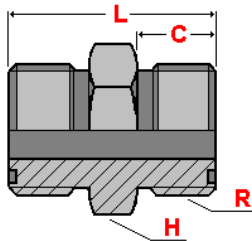


Balfit[®] ORFS Fittings

Balfit[®] Straight ORFS Male Union – 36.260.

carbon steel ORFS male x ORFS male straight connector

SAE# 520101



According to *ISO 8434-3* According to *SAE J1453*

Material: Carbon Steel

Finish: Zinc-plated

part number	∅ tube		thread	dimensions		
	mm	inch		R	L	C
36.260.04	6	1/4"	9/16" - 18	27.5	10	17
36.260.06	10	3/8"	11/16" - 16	31	11	19
36.260.08	12	1/2"	13/16" - 16	35.5	13	22
36.260.10	16	5/8"	1" - 14	42.5	15.5	27
36.260.12	20	3/4"	1.3/16" - 12	47	17	32
36.260.16	25	1"	1.7/16" - 12	49.5	17.5	41
36.260.20	32	1.1/4"	1.11/16" - 12	51.5	17.5	46
36.260.24	38	1.1/2"	2" - 12	53	17.5	55

also available:

Balfit[®] Stainless Steel Straight ORFS Male Union

(add an 'S' at the end of the part number; ex: 36.260.08S)

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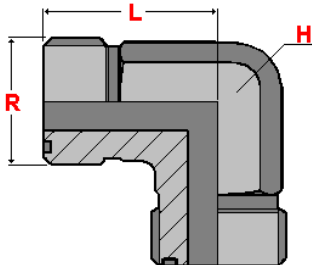
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Balfit® ORFS Fittings



Balfit® 90° Elbow ORFS Male Union – 36.500.

carbon steel ORFS male x ORFS male 90° elbow union connector



According to *ISO 8434-3* According to *SAE J1453*

Material: Carbon Steel

Finish: Zinc-plated

part number	Ø tube		thread	dimensions	
	mm	inch		R	L
36.500.0404	6	1/4"	9/16" - 18	21.5	14
36.500.0606	10	3/8"	11/16" - 16	25	19
36.500.0808	12	1/2"	13/16" - 16	28	19
36.500.1010	15	5/8"	1" - 14	33.5	27
36.500.1212	20	3/4"	1.3/16" - 12	37.5	30
36.500.1616	25	1"	1.7/16" - 12	41.5	36
36.500.2020	32	1.1/4"	1.11/16" - 12	44.5	41
36.500.2424	38	1.1/2"	2" - 12	49	48

also available:

Balfit® Stainless Steel 90° Elbow Union

(add an 'S' at the end of the part number; ex: 36.500.04S)

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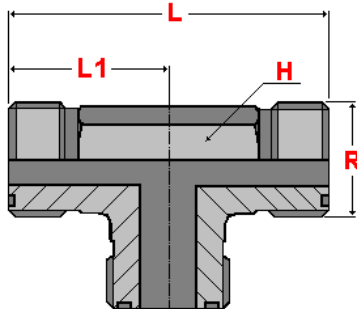
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Balfit® Union Tee ORFS Male – 36.505.

carbon steel ORFS male X ORFS male X ORFS male tee connector

SAE# 520401



According to ISO 8434-3 According to SAE J1453

Material: Carbon Steel
Finish: Zinc-plated

part number	Ø tube		thread	dimensions		
	mm	inch		R	L	L1
36.505.0404	6	1/4"	9/16" - 18	43	21.5	14
36.505.0606	10	3/8"	11/16" - 16	50	25	17
36.505.0808	12	1/2"	13/16" - 16	56	28	19
36.505.1010	15	5/8"	1" - 14	67	33.5	27
36.505.1212	20	3/4"	1.3/16" - 12	75	37.5	30
36.505.1616	25	1"	1.7/16" - 12	83	41.5	36
36.505.2020	32	1.1/4"	1.11/16" - 12	89	44.5	41
36.505.2424	38	1.1/2"	2" - 12	98	49	48

also available:

Balfit® Stainless Steel Union Tee

(add an 'S' at the end of the part number; ex: 36.505.04S)

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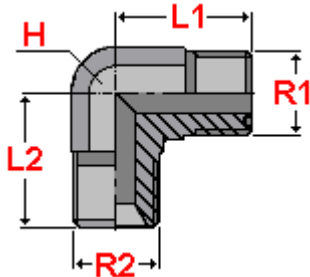
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Balfit® ORFS Fittings



Balfit® 90° Elbow Male Connector (ORFS x NPT) – 36.525.

carbon steel ORFS male x NPT male 90° bend connector



According to *ISO 8434-3* According to *SAE J1453*

Material: Carbon Steel

Finish: Zinc-plated

part number	∅ tube		thread		dimensions		
	mm	inch	R1	R2	L1	L2	H
36.525.0402	6	1/4"	9/16" – 18	1/8" – 27	21.5	22.8	14
36.525.0404	6	1/4"	9/16" – 18	1/4" – 18	21.5	27.7	14
36.525.0604	10	3/8"	11/16" – 16	1/4" – 18	25	27.7	19
36.525.0606	10	3/8"	11/16" – 16	3/8" – 18	25	31	19
36.525.0608	10	3/8"	11/16" – 16	1/2" – 14	29.5	37.3	22
36.525.0806	12	1/2"	13/16" – 16	3/8" – 18	28	35	19
36.525.0808	12	1/2"	13/16" – 16	1/2" – 14	28	37.3	22
36.525.0812	12	1/2"	13/16" – 16	3/4" – 14	33.5	40.4	27
36.525.1008	15	5/8"	1" – 14	1/2" – 14	33.5	40.4	27
36.525.1012	16	5/8"	1" – 14	3/4" – 14	36	40.4	27
36.525.1208	18	3/4"	1.3/16" – 12	1/2" – 14	37.5	40.4	30
36.525.1212	20	3/4"	1.3/16" – 12	3/4" – 14	37.5	40.4	30
36.525.1612	25	1"	1.7/16" – 12	3/4" – 14	41.5	45.5	36
36.525.1616	25	1"	1.7/16" – 12	1" – 11.1/2"	41.5	45.5	36
36.525.2020	32	1.1/4"	1.11/16" – 12	1.1/4" – 11.1/2"	44.5	60.5	41
36.525.2424	38	1.1/2"	2" – 12	1.1/2" – 11.1/2"	49	67.1	48

also available:

Balfit® Stainless Steel 90° Elbow Male Connector (ORFS x NPT)

(add an 'S' at the end of the part number; ex: 36.525.0808S)

Construction characteristics and dimensions may be changed at any time without prior notice.

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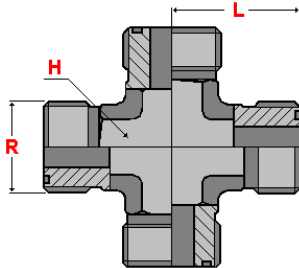


Balfit[®] ORFS Fittings

Balfit[®] ORFS Union Cross – 36.595.

carbon steel ORFS male X ORFS male X ORFS male X ORFS male union cross connector

SAE# 520201



According to *ISO 8434-3* According to *SAE J1453*

Material: Carbon Steel

Finish: Zinc-plated

part number	Ø tube		thread	dimensions		
	mm	inch	R1	L	H	
36.595.0404	6	1/4"	9/16" - 18	21,5	14	
36.595.0606	10	3/8"	11/16" - 16	25	19	
36.595.0808	12	1/2"	13/16" - 16	28	19	
36.595.1010	16	5/8"	1" - 14	33,5	27	
36.595.1212	20	3/4"	1.3/16" - 12	37,5	30	
36.595.1616	25	1"	1.7/16" - 12	41,5	36	
36.595.2020	32	1.1/4"	1.11/16" - 12	44,5	41	
36.595.2424	38	1.1/2"	2" - 12	49	48	

also available:

Balfit[®] Stainless Steel ORFS Union Cross

(add an 'S' at the end of the part number; ex: 36.595.0808S)

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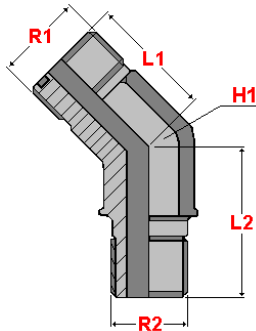
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Balfit® ORFS Fittings



Balfit® 45° Elbow Male Connector (ORFS x NPT) – 36.540.

carbon steel ORFS male x NPT taper thread male 45° elbow connector



According to **ISO 8434-3** According to **SAE J1453**

Material: Carbon Steel
Finish: Zinc-plated

part number	Ø tube		thread		dimensions		
	mm	inch	R1	R2	L1	L2	H1
36.540.0402	6	1/4"	9/16" – 18	1/8" – 27	16	18	14
36.540.0404	6	1/4"	9/16" – 18	1/4" – 18	16	22	14
36.540.0604	10	3/8"	11/16" – 16	1/4" – 18	19	24	19
36.540.0606	10	3/8"	11/16" – 16	3/8" – 18	19	24	19
36.540.0608	10	3/8"	11/16" – 16	1/2" – 14	19	24	22
36.540.0806	12	1/2"	13/16" – 16	3/8" – 18	20.5	24	19
36.540.0808	12	1/2"	13/16" – 16	1/2" – 14	23	30	22
36.540.1008	15	5/8"	1" – 14	1/2" – 14	24	31	27
36.540.1012	16	5/8"	1" – 14	3/4" – 14	25	31	27
36.540.1212	20	3/4"	1.3/16" – 12	3/4" – 14	26	31	30
36.540.1616	25	1"	1.7/16" – 12	1" – 11.1/2"	30	38	36
36.540.2020	32	1.1/4"	1.11/16" – 12	1.1/4" – 11.1/2"	32	42	41
36.540.2424	38	1.1/2"	2" – 12	1.1/2" – 11.1/2"	37	45	48

also available:

Balfit® Stainless Steel 45° Elbow Connector

(add an 'S' at the end of the part number; ex: 36.540.0806S)

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Balfit[®] ORFS Fittings

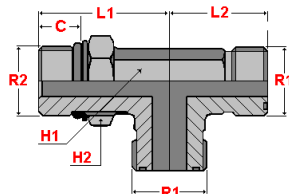
Balfit[®] Orientable SAE-ORB Run Tee – 36.580.

carbon steel UNF male x ORFS male x ORFS male run tee connector

Balfit[®] Orientable SAE-ORB Branch Tee – 36.585.

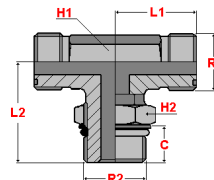
carbon steel SAE-ORB male x ORFS male X ORFS male branch tee connector

SAE# 520428



Balfit[®] Orientable SAE-ORB Run Tee – 36.580.

SAE# 520429



Balfit[®] Orientable SAE-ORB Branch Tee – 36.585.

According to ISO 8434-3 According to SAE J1453

Material: Carbon Steel

Finish: Zinc-plated

part number	∅ tube		thread		dimensions			
	mm	inch	R1	R2	L1	L2	C	H1
36.580.0404	6	1/4"	9/16" - 18	7/16" - 20	31.8	21.5	9	14
36.580.0606	10	3/8"	11/16" - 16	9/16" - 18	36	25	10	19
36.580.0808	12	1/2"	13/16" - 16	3/4" - 16	36.8	28	11	19
36.580.1010	15	5/8"	1" - 14	7/8" - 14	48	33.5	13	27
36.580.1212	20	3/4"	1.3/16" - 12	1.1/16" - 12	51	37.5	15	30
36.580.1616	25	1"	1.7/16" - 12	1.5/16" - 12	57	41.5	15	36
36.580.2020	32	1.1/4"	1.11/16" - 12	1.1/16" - 12	62	44.5	15	41
36.580.2424	38	1.1/2"	2" - 12	1.5/16" - 12	65	49	15	48

part number	∅ tube		thread		dimensions		
	mm	inch	R1	R2	L1	L2	H2
36.585.0404	6	1/4"	9/16" - 18	7/16" - 20	21.5	31.8	14
36.585.0606	10	3/8"	11/16" - 16	9/16" - 18	25	36	19
36.585.0808	12	1/2"	13/16" - 16	3/4" - 16	28	36.8	19
36.585.1010	15	5/8"	1" - 14	7/8" - 14	33.5	48	27
36.585.1212	20	3/4"	1.3/16" - 12	1.1/16" - 12	37.5	51	30
36.585.1616	25	1"	1.7/16" - 12	1.5/16" - 12	41.5	57	36
36.585.2020	32	1.1/4"	1.11/16" - 12	1.1/16" - 12	44.5	62	41
36.585.2424	38	1.1/2"	2" - 12	1.5/16" - 12	49	65	48

also available:

Balfit[®] Stainless Steel Orientable SAE-ORB Run Tee

(add an 'S' at the end of the part number; ex: 36.580.0808S)

Balfit[®] Stainless Steel Orientable SAE-ORB Branch Tee

(add an 'S' at the end of the part number; ex: 36.585.0808S)

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Balfit® ORFS Fittings



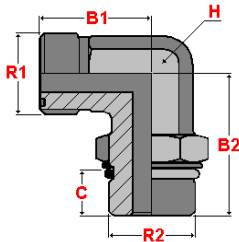
Balfit® 90° Elbow ORFS Male x SAE-ORB – 36.575.

carbon steel ORFS male x SAE-ORB male 90° elbow "adjustable" connector

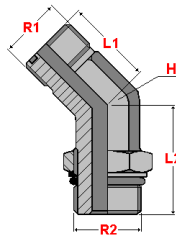
Balfit® 45° Elbow ORFS Male x SAE-ORB – 36.590.

carbon steel ORFS male x SAE-ORB male 45° elbow "adjustable" connector

SAE# 520220



SAE# 520320



According to ISO 8434-3 According to SAE J1453

Material: Carbon Steel

Finish: Zinc-plated

part number	∅ tube		thread		dimensions			
	mm	inch	R1	R2	L1	L2	H	
36.575.0404	6	1/4"	9/16" - 18	7/16" - 20	21.5	32.5	14	
36.575.0606	10	3/8"	11/16" - 16	9/16" - 18	25	36.8	19	
36.575.0808	12	1/2"	13/16" - 16	3/4" - 16	28	36.8	19	
36.575.1010	15	5/8"	1" - 14	7/8" - 14	33.5	45.2	27	
36.575.1212	20	3/4"	1.3/16" - 12	1.1/16" - 12	37.5	49.3	30	
36.575.1616	25	1"	1.7/16" - 12	1.5/16" - 12	41.5	57	36	
36.575.2020	32	1.1/4"	1.11/16" - 12	1.5/8" - 12	44.5	60	41	
36.575.2424	38	1.1/2"	2" - 12	1.7/8" - 12	49	65	48	

part number	∅ tube		thread		dimensions			
	mm	inch	R1	R2	L1	L2	H	
36.590.0404	6	1/4"	9/16" - 18	7/16" - 20	16	26	14	
36.590.0606	10	3/8"	11/16" - 16	9/16" - 18	19	29	19	
36.590.0808	12	1/2"	13/16" - 16	3/4" - 16	20.5	33	19	
36.590.1010	15	5/8"	1" - 14	7/8" - 14	23.5	40	27	
36.590.1212	20	3/4"	1.3/16" - 12	1.1/16" - 12	26	43.9	30	
36.590.1616	25	1"	1.7/16" - 12	1.5/16" - 12	30	47.5	36	
36.590.2020	32	1.1/4"	1.11/16" - 12	1.5/8" - 12	32	48.5	41	
36.590.2424	38	1.1/2"	2" - 12	1.7/8" - 12	37	50	48	

also available:

Balfit® Stainless Steel 90° Elbow ORFS Male x SAE-ORB

(add an 'S' at the end of the part number; ex: 36.575.0808S)

Balfit® Stainless Steel 45° Elbow ORFS Male x SAE-ORB

(add an 'S' at the end of the part number; ex: 36.590.0808S)

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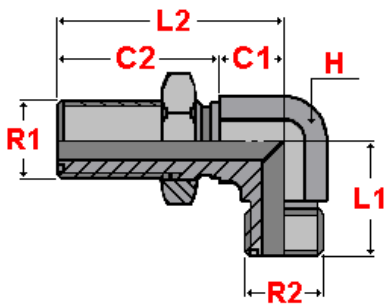


Balfit[®] ORFS Fittings

Balfit[®] Bulkhead 90° Elbow Union – 36.650.

carbon steel ORFS male x ORFS male bulkhead 90° elbow connector

SAE# 520958



According to ISO 8434-3 According to SAE J1453

Material: Carbon Steel

Finish: Zinc-plated

part number	Ø tube		thread	dimensions				
	mm	inch	R1	L1	L2	C1	C2	H
36.650.0404	6	1/4"	9/16" - 18	22.5	47	15.5	31.5	14
36.650.0606	10	3/8"	11/16" - 16	26	52	18	34	19
36.650.0808	12	1/2"	13/16" - 16	29	55.5	19	36.5	19
36.650.1010	15	5/8"	1" - 14	34.5	63	22.5	40.5	27
36.650.1212	20	3/4"	1.3/16" - 12	38.5	67	25.5	41.5	30
36.650.1616	25	1"	1.7/16" - 12	42.5	71	29	42	36
36.650.2020	32	1.1/4"	1.11/16" - 12	45.5	75.5	33.5	42	41
36.650.2424	38	1.1/2"	2" - 12	49.5	79.5	37.5	42	48

also available:

Balfit[®] Stainless Steel Bulkhead 90° Elbow Union

(add an 'S' at the end of the part number; ex: 36.650.0808S)

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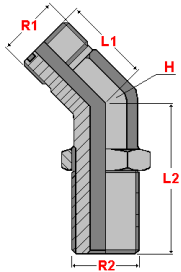
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Balfit® ORFS Fittings



Balfit® Bulkhead 45° Elbow Union – 36.510.

carbon steel ORFS male x ORFS male bulkhead 45° elbow connector



According to **ISO 8434-3** According to **SAE J1453**

Material: Carbon Steel

Finish: Zinc-plated

part number	Ø tube		thread	dimensions			
	mm	inch	R1	A1	B	C	H
36.510.0404	6	1/4"	9/16" - 18	16	44	14	31,5
36.510.0606	10	3/8"	11/16" - 16	19	48,5	19	34
36.510.0808	12	1/2"	13/16" - 16	20,5	51	19	36,5
36.510.1010	15	5/8"	1" - 14	23,5	56,5	27	40,5
36.510.1212	20	3/4"	1.3/16" - 12	26	60,5	30	41,5
36.510.1616	25	1"	1.7/16" - 12	30	65	36	42
36.510.2020	32	1.1/4"	1.11/16" - 12	32	67	41	42
36.510.2424	38	1.1/2"	2" - 12	37	67	48	42

also available:

Balfit® Stainless Steel Bulkhead 45° Elbow Union

(add an 'S' at the end of the part number; ex: 36.510.0808S)

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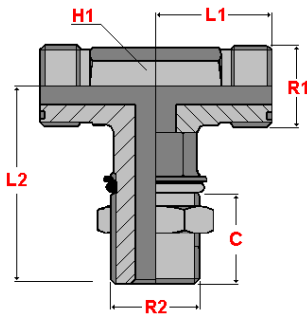
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Balfit[®] Bulkhead Branch Tee – 36.515.

carbon steel ORFS male x ORFS male Bulkhead Branch Tee connector



According to *ISO 8434-3* According to *SAE J1453*

Material: Carbon Steel

Finish: Zinc-plated

part number	Ø tube		thread	dimensions				
	mm	inch	R1	L1	L2	C	H1	
36.515.0404	6	1/4"	9/16" - 18	22.5	47	31.5	14	
36.515.0606	10	3/8"	11/16" - 16	26	52	34	19	
36.515.0808	12	1/2"	13/16" - 16	29	55.5	36.5	19	
36.515.1010	15	5/8"	1" - 14	34.5	63	40.5	27	
36.515.1212	20	3/4"	1.3/16" - 12	38.5	67	41.5	30	
36.515.1616	25	1"	1.7/16" - 12	42.5	71	42	36	
36.515.2020	32	1.1/4"	1.11/16" - 12	45.5	75.5	42	41	
36.515.2424	38	1.1/2"	2" - 12	49.5	79.5	42	48	

also available:

Balfit[®] Stainless Steel Bulkhead Branch Tee

(add an 'S' at the end of the part number; ex: 36.515.0808S)

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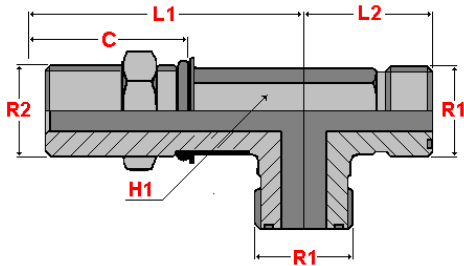
Balfit® ORFS Fittings



Balfit® Bulkhead Run Tee – 36.520.

carbon steel ORFS male x ORFS male Bulkhead Run Tee connector

SAE# 520958



According to ISO 8434-3 According to SAE J1453

Material: Carbon Steel

Finish: Zinc-plated

part number	Ø tube		thread	dimensions			
	mm	inch	R1	L1	L2	C	H1
36.520.0404	6	1/4"	9/16" - 18	47	22.5	31.5	14
36.520.0606	10	3/8"	11/16" - 16	52	26	34	19
36.520.0808	12	1/2"	13/16" - 16	55.5	29	36.5	19
36.520.1010	15	5/8"	1" - 14	63	34.5	40.5	27
36.520.1212	20	3/4"	1.3/16" - 12	67	38.5	41.5	30
36.520.1616	25	1"	1.7/16" - 12	71	42.5	42	36
36.520.2020	32	1.1/4"	1.11/16" - 12	75.5	45.5	42	41
36.520.2424	38	1.1/2"	2" - 12	79.5	49.5	42	48

also available:

Balfit® Stainless Steel Bulkhead Run Tee

(add an 'S' at the end of the part number; ex: 36.520.0808S)

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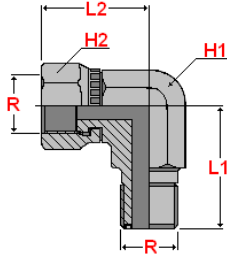


Balfit[®] ORFS Fittings

Balfit[®] 90° Swivel Connector ORFS M. x ORFS F. – 36.675.

carbon steel 90° Swivel Connector ORFS Male x ORFS Female

SAE# 520221



According to ISO 8434-3 According to SAE J1453

Material: Carbon Steel

Finish: Zinc-plated

part number	thread		dimensions			
	R1	R2	L1	L2	H1	H2
36.675.0404	9/16" - 18	9/16" - 18	21,5	26.5	14	19
36.675.0606	11/16" - 16	11/16" - 16	25	29	19	22
36.675.0808	13/16" - 16	13/16" - 16	28	38	19	24
36.675.1010	1" - 14	1" - 14	33,5	41	27	30
36.675.1212	1.3/16" - 12	1.3/16" - 12	37,5	46.5	30	36
36.675.1616	1.7/16" - 12	1.7/16" - 12	41,5	53.5	36	41
36.675.2020	1.11/16" - 12	1.11/16" - 12	44,5	58	41	50
36.675.2424	2" - 12	2" - 12	49	61	48	60

also available:

Balfit[®] Stainless Steel Swivel Connector ORFS Male x ORFS Female

(add an 'S' at the end of the part number; ex: 36.675.0808S)

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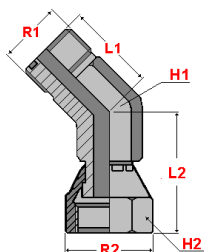
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Balfit® ORFS Fittings



Balfit® 45° Swivel Connector ORFS M. x ORFS F. – 36.690.

carbon steel 45° Swivel Connector ORFS Male x ORFS Female



According to **ISO 8434-3** According to **SAE J1453**

Material: Carbon Steel

Finish: Zinc-plated

part number	thread		dimensions			
	R1	R2	L1	L2	H1	H2
36.690.0404	9/16" - 18	9/16" - 18	16	24.5	14	19
36.690.0606	11/16" - 16	11/16" - 16	19	26	19	22
36.690.0808	13/16" - 16	13/16" - 16	20.5	29	19	24
36.690.1010	1" - 14	1" - 14	23.5	33	27	30
36.690.1212	1.3/16" - 12	1.3/16" - 12	26	35.5	30	36
36.690.1616	1.7/16" - 12	1.7/16" - 12	30	41	36	41
36.690.2020	1.11/16" - 12	1.11/16" - 12	32	45.5	41	50
36.690.2424	2" - 12	2" - 12	37	51	48	60

also available:

Balfit® Stainless Steel Swivel Connector ORFS Male x ORFS Female

(add an 'S' at the end of the part number; ex: 36.690.0808S)

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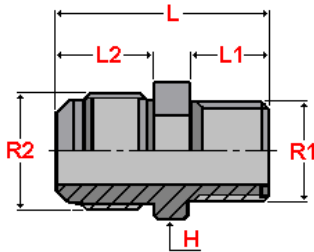
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Balfit[®] ORFS Fittings

Balfit[®] ORFS Male x JIC Male Connector – 36.280.

carbon steel Swivel Connector ORFS Male x JIC Male



According to **ISO 8434-3** According to **SAE J1453**

Material: Carbon Steel

Finish: Zinc-plated

part number	thread		dimensions			
	R1	R2	L	L1	L2	H1
36.280.0404	9/16" - 18	7/16" - 20	32	10	14	17
36.280.0606	11/16" - 16	9/16" - 18	34	11	14,1	19
36.280.0808	13/16" - 16	3/4" - 16	39,5	13	16,7	22
36.280.1010	1" - 14	7/8" - 14	46,5	15,5	19,3	27
36.280.1212	1.3/16" - 12	1.1/16" - 12	52	17	21,9	32
36.280.1616	1.7/16" - 12	1.5/16" - 12	55	17,5	23,1	41
36.280.2020	1.11/16" - 12	1.5/8" - 12	58	17,5	24,3	46
36.280.2424	2" - 12	1.7/8" - 12	63	17,5	27,5	55

also available:

Balfit[®] Stainless Steel Swivel Connector ORFS Male x JIC Male

(add an 'S' at the end of the part number; ex: 36.280.0808S)

Construction characteristics and dimensions may be changed at any time without prior notice.

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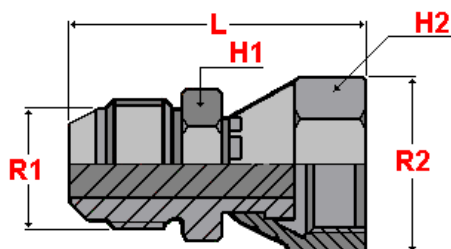
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Balfit® ORFS Fittings



Balfit® Swivel Connector ORFS Female x JIC Male – 36.281.

carbon steel Swivel Connector ORFS Female x JIC Male



According to *ISO 8434-3* According to *SAE J1453*

Material: Carbon Steel

Finish: Zinc-plated

part number	thread		dimensions			
	R1	R2	L		H1	H2
36.281.0404	7/16" - 20	9/16" - 18	36		14	18
36.281.0606	9/16" - 18	11/16" - 16	38		19	22
36.281.0808	3/4" - 16	13/16" - 16	46.2		22	26
36.281.1010	7/8" - 14	1" - 14	52		26	30
36.281.1212	1.1/16" - 12	1.3/16" - 12	57.4		32	36
36.281.1616	1.5/16" - 12	1.7/16" - 12	62		38	42
36.281.2020	1.5/8" - 12	1.11/16" - 12	63		50	50
36.281.2424	1.7/8" - 12	2" - 12	68		55	60

also available:

Balfit® Stainless Steel Swivel Connector ORFS Male x JIC Female

(add an 'S' at the end of the part number; ex: 36.281.0808S)

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Balfit[®] ORFS Fittings

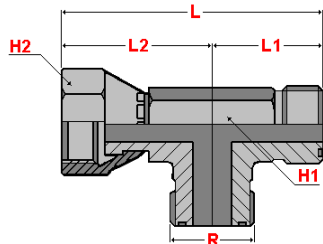
Balfit[®] Swivel Connector Run Tee – 36.680.

carbon steel ORFS male x ORFS male x ORFS Female run tee connector

Balfit[®] Swivel Connector Branch Tee – 36.685.

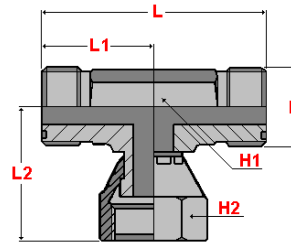
carbon steel ORFS male x ORFS male X ORFS Female branch tee connector

SAE# 520432



Balfit[®] Swivel ORFS Run Tee – 36.680.

SAE# 520433



Balfit[®] Swivel ORFS Branch Tee – 36.685.

According to ISO 8434-3 According to SAE J1453

Material: Carbon Steel

Finish: Zinc-plated

part number	∅ tube		thread	dimensions				
	mm	inch		R1	L	L1	L2	H1
36.680.0404	6	1/4"	9/16" - 18	48	26.5	21.5	14	19
36.680.0606	10	3/8"	11/16" - 16	54	29	25	19	22
36.680.0808	12	1/2"	13/16" - 16	66	38	28	19	24
36.680.1010	15	5/8"	1" - 14	74.5	41	33.5	27	30
36.680.1212	20	3/4"	1.3/16" - 12	84	46.5	37.5	30	36
36.680.1616	25	1"	1.7/16" - 12	95	53.5	41.5	36	41
36.680.2020	32	1.1/4"	1.11/16" - 12	102.5	58	44.5	41	50
36.680.2424	38	1.1/2"	2" - 12	110	61	49	48	60

part number	∅ tube		thread	dimensions				
	mm	inch		R1	L	L1	L2	H1
36.685.0404	6	1/4"	9/16" - 18	43	21,5	26,5	14	19
36.685.0606	10	3/8"	11/16" - 16	50	25	29	19	22
36.685.0808	12	1/2"	13/16" - 16	56	28	38	19	24
36.685.1010	15	5/8"	1" - 14	67	33,5	41	27	30
36.685.1212	20	3/4"	1.3/16" - 12	75	37,5	46,5	30	36
36.685.1616	25	1"	1.7/16" - 12	83	41,5	53,5	36	41
36.685.2020	32	1.1/4"	1.11/16" - 12	89	44,5	58	41	50
36.685.2424	38	1.1/2"	2" - 12	98	49	61	48	60

also available:

Balfit[®] Stainless Steel Swivel ORFS Run Tee

(add an 'S' at the end of the part number; ex: 36.680.0808S)

Balfit[®] Stainless Steel Swivel ORFS Branch Tee

(add an 'S' at the end of the part number; ex: 36.685.0808S)

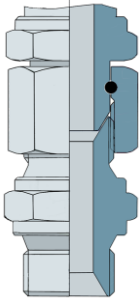
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Balfit[®] Hydraulic Adapters



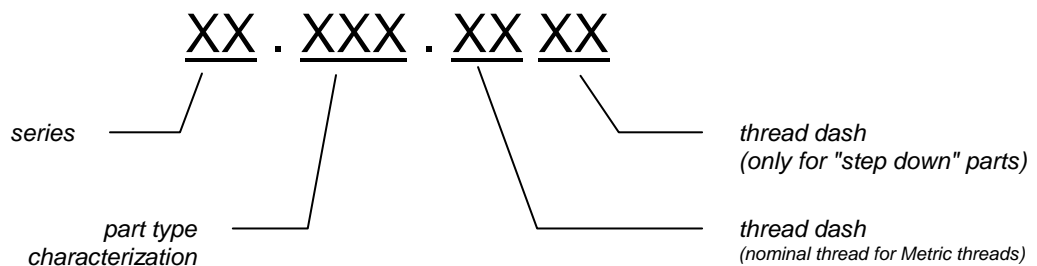
Balfit[®] Hydraulic Adapters (Series 52 and 53)

The range of **Balfit[®]** hydraulic adapters is produced according to **Balflex[®]** specifications and to the **ISO 8434-6** standard. 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. The **Balfit[®]** hydraulic fittings program in this catalogue includes connectors with several threads:

- **BSP** parallel thread
- **BSP** taper thread
- **NPT** thread
- **BSPT** taper thread

The **Balfit[®]** hydraulic adapters part code is composed of three groups of digits:



Important notice

Selection, assembly and installation of hydraulic lines require specific professional training. This catalogue only supplies additional information and technical data for selection and use of **Balfit[®]** adapters.

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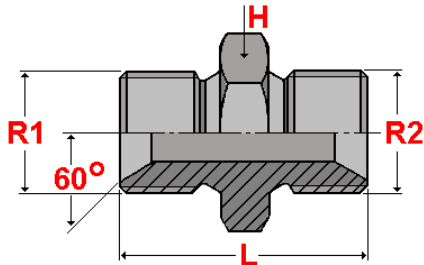
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Balfit[®] Hydraulic Adapters

Balfit[®] BSP Male Union – 52.100

carbon steel male straight union with BSP 60° cone



According to ISO 8434-6

Material: Carbon Steel, zinc plated

part number	working pressure bar	thread		L mm	H mm
		R1	R2		
52.100.02	350	1/8" – 28	1/8" – 28	24	14
52.100.0402	350	1/4" – 19	1/8" – 28	30	19
52.100.04	350	1/4" – 19	1/4" – 19	34	19
52.100.0602	250	3/8" – 19	1/8" – 28	30	22
52.100.0604	250	3/8" – 19	1/4" – 19	35	22
52.100.06	250	3/8" – 19	3/8" – 19	35	22
52.100.0804	225	1/2" – 14	1/4" – 19	38	27
52.100.0806	225	1/2" – 14	3/8" – 19	39	27
52.100.08	225	1/2" – 14	1/2" – 14	41	27
52.100.1008	200	5/8" – 14	1/2" – 14	43	30
52.100.10	200	5/8" – 14	5/8" – 14	45	30
52.100.1204	200	3/4" – 14	1/4" – 19	42	32
52.100.1206	200	3/4" – 14	3/8" – 19	43	32
52.100.1208	200	3/4" – 14	1/2" – 14	45	32
52.100.1210	200	3/4" – 14	5/8" – 14	47	32
52.100.12	200	3/4" – 14	3/4" – 14	47	32
52.100.1608	160	1" – 11	1/2" – 14	50	41
52.100.1612	160	1" – 11	3/4" – 14	52	41
52.100.16	160	1" – 11	1" – 11	56	41
52.100.2008	160	1-1/4" – 11	1/2" – 14	52	50
52.100.2012	160	1-1/4" – 11	3/4" – 14	54	50
52.100.2016	160	1-1/4" – 11	1" – 11	58	50
52.100.20	100	1-1/4" – 11	1-1/4" – 11	58	50
52.100.2412	160	1-1/2" – 11	3/4" – 14	59	55
52.100.2416	100	1-1/2" – 11	1" – 11	63	55
52.100.2420	160	1-1/2" – 11	1-1/4" – 11	63	55
52.100.24	160	1-1/2" – 11	1-1/2" – 11	66	55
52.100.3216	160	2" – 11	1" – 11	69	70
52.100.3220	100	2" – 11	1-1/4" – 11	69	70
52.100.3224	160	2" – 11	1-1/2" – 11	72	70
52.100.32	100	2" – 11	2" – 11	74	70

also available:

Balfit[®] Stainless Steel Male Union

(add an 'S' at the end of the part number; ex: 52.100.24 S)

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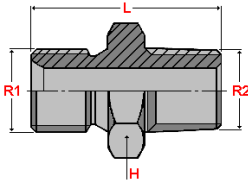
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Balfit® Hydraulic Adapters



Balfit® Male BSP x Male NPT Connector – 52.101

carbon steel straight union BSP 60° cone male x NPT male



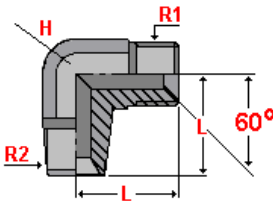
According to **ISO 8434-6**

Material: Carbon Steel, zinc plated

part number	working pressure	thread		L	H
	bar	R1	R2	mm	mm
52.101.04	350	1/4" – 19	1/4" – 19	26	14
52.101.06	250	3/8" – 19	3/8" – 19	29	19
52.101.08	225	1/2" – 14	1/2" – 14	34	22
52.101.12	200	3/4" – 14	3/4" – 14	41	27
52.101.16	160	1" – 11	1" – 11	45	33
52.101.20	160	1-1/4" – 11	1-1/4" – 11	52	41
52.101.24	160	1-1/2" – 11	1-1/2" – 11	59	48
52.101.32	100	2" – 11	2" – 11	78	65

Balfit® 90° Male BSP x Male NPT Connector – 53.102

(90° carbon steel union BSP 60° cone male x NPT male)



According to **ISO 8434-6**

Material: Carbon Steel, zinc plated

part number	working pressure	thread		L	H
	bar	R1	R2	mm	mm
53.102.0404	350	1/4" – 19	1/4" – 19	26	14
53.102.0606	250	3/8" – 19	3/8" – 19	29	19
53.102.0808	225	1/2" – 14	1/2" – 14	34	22
53.102.1212	200	3/4" – 14	3/4" – 14	41	27
53.102.1616	160	1" – 11	1" – 11	45	33
53.102.2020	160	1-1/4" – 11	1-1/4" – 11	52	41
53.102.2424	160	1-1/2" – 11	1-1/2" – 11	59	48
53.102.3232	100	2" – 11	2" – 11	78	65

also available:

Balfit® Stainless Steel Male BSP x Male NPT / 90° Male BSP x Male NPT

(add an 'S' at the end of the part number; ex: 52.101.24 S - 53.102.1212 S)

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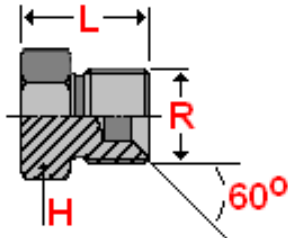
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Balfit[®] Hydraulic Adapters

Balfit[®] BSP Male Plug – 52.400

carbon steel straight BSP male plug



According to **ISO 8434-6**

Material: Carbon Steel, zinc plated

part number	working pressure	thread	L	H
	bar	R	mm	mm
52.400.02	350	1/8" – 28	15	14
52.400.04	350	1/4" – 19	20	19
52.400.06	250	3/8" – 19	22	22
52.400.08	225	1/2" – 14	25	27
52.400.10	200	5/8" – 14	27	28
52.400.12	200	3/4" – 14	28	32
52.400.16	160	1" – 11	30	41
52.400.20	160	1-1/4" – 11	33	50
52.400.24	160	1-1/2" – 11	35	55
52.400.32	100	2" – 11	40	70

also available:

Balfit[®] Stainless Steel BSP Male Plug

(add an 'S' at the end of the part number; ex: 52.400.16 S)

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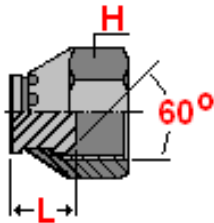
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Balfit[®] Hydraulic Adapters



Balfit[®] BSP Swivel Female Plug – 52.401

carbon steel straight BSP Swivel female plug



According to **ISO 8434-6**

Material: Carbon Steel, zinc plated

part number	working pressure	thread	L	H
	bar		mm	mm
52.401.02	350	1/8" – 28	10	14
52.401.04	350	1/4" – 19	14	19
52.401.06	250	3/8" – 19	15	22
52.401.08	225	1/2" – 14	16	27
52.401.10	200	5/8" – 14	16	28
52.401.12	200	3/4" – 14	18	32
52.401.16	160	1" – 11	20	38
52.401.20	160	1-1/4" – 11	24	50
52.401.24	160	1-1/2" – 11	27	55
52.401.32	100	2" – 11	24	65

also available:

Balfit[®] Stainless Steel BSP Swivel Female Plug

(add an 'S' at the end of the part number; ex: 52.401.16 S)

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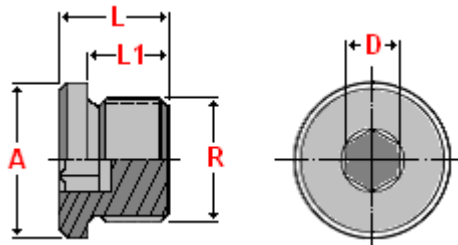
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Balfit[®] Hydraulic Adapters

Balfit[®] BSP Inner Hexagon Male Plug – 52.402

carbon steel straight BSP Inner Hexagon male plug



According to **ISO 8434-6**

Material: Carbon Steel, zinc plated

part number	working pressure	thread	A	L	L1	D
	bar	R	mm	mm	mm	mm
52.402.02	350	1/8" – 28	14	14	10	5.1
52.402.04	350	1/4" – 19	19	17	12	6.1
52.402.06	250	3/8" – 19	22	17	12	8.1
52.402.08	225	1/2" – 14	27	19	14	10.1
52.402.12	200	3/4" – 14	32	21	16	12.1
52.402.16	160	1" – 11	40	24.5	18	17.1
52.402.20	160	1-1/4" – 11	50	26.5	20	22.1
52.402.24	160	1-1/2" – 11	55	28.5	22	24.1
52.402.32	100	2" – 11	68	25	20	32.1

also available:

Balfit[®] Stainless Steel BSP Inner Hexagon Male Plug

(add an 'S' at the end of the part number; ex: 52.402.16 S)

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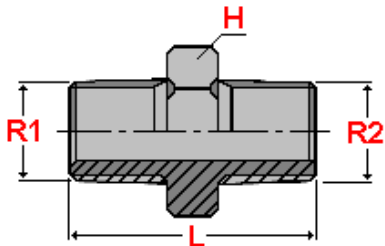
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Balfit® Hydraulic Adapters



Balfit® Male BSPT Union – 52.103

carbon steel male straight union with BSPT thread



According to **ISO 8434-6**

Material: Carbon Steel, zinc plated

part number	working pressure	thread	thread	L	H
	bar	R1	R2	mm	mm
52.103.02	350	1/8" – 28	1/8" – 28	20	14
52.103.04	350	1/4" – 19	1/4" – 19	28	19
52.103.06	250	3/8" – 19	3/8" – 19	31	22
52.103.08	225	1/2" – 14	1/2" – 14	38	27
52.103.12	200	3/4" – 14	3/4" – 14	40	32
52.103.16	160	1" – 11	1" – 11	50	41
52.103.20	160	1-1/4" – 11	1-1/4" – 11	60	50
52.103.24	160	1-1/2" – 11	1-1/2" – 11	67	55
52.103.32	100	2" – 11	2" – 11	76	70

also available:

Balfit® Stainless Steel Male BSPT Union

(add an 'S' at the end of the part number; ex: 52.103.24 S)

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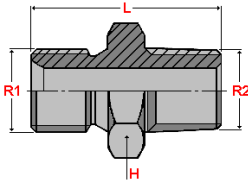
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Balfit[®] Hydraulic Adapters

Balfit[®] Male BSP x Male BSPT Connector – 52.1200

carbon steel straight union BSP 60° cone male x BSPT male



According to **ISO 8434-6**

Material: Carbon Steel, zinc plated

part number	working pressure	thread	thread	L	H
	bar	R1	R2	mm	mm
52.1200.04	350	1/4" – 19	1/4" – 19	26	14
52.1200.06	250	3/8" – 19	3/8" – 19	29	19
52.1200.08	225	1/2" – 14	1/2" – 14	34	22
52.1200.12	200	3/4" – 14	3/4" – 14	41	27
52.1200.16	160	1" – 11	1" – 11	45	33
52.1200.20	160	1-1/4" – 11	1-1/4" – 11	52	41
52.1200.24	160	1-1/2" – 11	1-1/2" – 11	59	48
52.1200.32	100	2" – 11	2" – 11	78	65

also available:

Balfit[®] Stainless Steel Male BSP x Male BSPT Connector

(add an 'S' at the end of the part number; ex: 52.1200.24 S)

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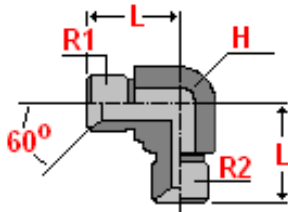
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Balfit[®] Hydraulic Adapters



Balfit[®] Male 90° BSP Union – 53.100

carbon steel 90° male union with Whitworth parallel thread and BSP 60° cone



According to **ISO 8434-6**

Material: Carbon Steel, forged, zinc plated

part number	working pressure	thread	thread	L	H
	bar	R1	R2	mm	mm
53.100.0202	350	1/8" – 28	1/8" – 28	21	11
53.100.0404	350	1/4" – 19	1/4" – 19	26	14
53.100.0606	250	3/8" – 19	3/8" – 19	29	19
53.100.0808	225	1/2" – 14	1/2" – 14	34	22
53.100.1010	200	5/8" – 14	5/8" – 14	38	27
53.100.1212	200	3/4" – 14	3/4" – 14	41	27
53.100.1616	160	1" – 11	1" – 11	45	33
53.100.2020	160	1-1/4" – 11	1-1/4" – 11	52	41
53.100.2424	160	1-1/2" – 11	1-1/2" – 11	59	48
53.100.3232	100	2" – 11	2" – 11	78	65

also available:

Balfit[®] Stainless Steel Male 90° BSP Union

(add an 'S' at the end of the part number; ex: 53.100.2424 S)

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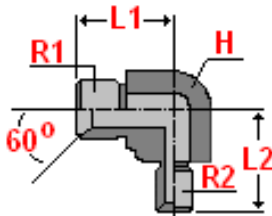
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Balfit[®] Hydraulic Adapters

Balfit[®] Male 90° BSP Union Reduction – 53.101

carbon steel 90° male union reduction with Whitworth parallel thread and BSP 60° cone



According to **ISO 8434-6**

Material: Carbon Steel, forged, zinc plated

part number	working pressure	thread	thread	L1	L2	H
	bar	R1	R2	mm	mm	mm
53.101.0402	350	1/4" – 19	1/8" – 28	26	21	14
53.101.0602	250	3/8" – 19	1/4" – 19	29	21	19
53.101.0604	250	3/8" – 19	1/4" – 19	29	26	19
53.101.0804	225	1/2" – 14	1/4" – 19	34	26	22
53.101.0806	225	1/2" – 14	3/8" – 19	34	29	22
53.101.1008	200	5/8" – 14	1/2" – 14	38	34	27
53.101.1204	200	3/4" – 14	1/4" – 19	41	26	27
53.101.1206	200	3/4" – 14	3/8" – 19	41	29	27
53.101.1208	200	3/4" – 14	1/2" – 14	41	34	27
53.101.1210	200	3/4" – 14	5/8" – 14	41	38	27
53.101.1608	160	1" – 11	1/2" – 14	45	34	33
53.101.1612	160	1" – 11	3/4" – 14	45	41	33
53.101.2012	160	1.1/4" – 11	3/4" – 14	52	41	41
53.101.2016	160	1.1/4" – 11	1" – 11	52	45	41
53.101.2412	160	1.1/2" – 11	3/4" – 14	59	41	48
53.101.2416	100	1.1/2" – 11	1" – 11	59	45	48
53.101.2420	160	1.1/2" – 11	1.1/4" – 11	59	52	48
53.101.3216	160	2" – 11	1" – 11	78	45	65
53.101.3220	100	2" – 11	1.1/4" – 11	78	52	65
53.101.3224	160	2" – 11	1.1/2" – 11	78	59	65

also available:

Balfit[®] Stainless Steel Male 90° BSP Union Reduction

(add an 'S' at the end of the part number; ex: 53.101.0402 S)

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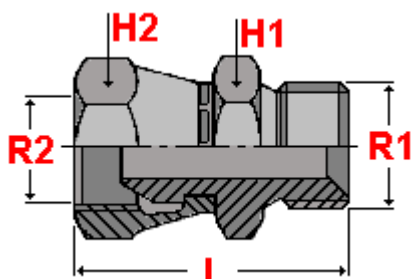
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Balfit® Hydraulic Adapters



Balfit® Male x Swivel Female BSP Adapter – 52.500

carbon steel male x swivel female adapter with Whitworth parallel thread and BSP 60° cone



According to ISO 8434-6

Material: Carbon Steel, zinc plated

part number	working pressure	thread	thread	L	H1	H2
	bar	R1	R2			
52.500.04	350	1/4" – 19	1/4" – 19	37	19	19
52.500.0406	250	1/4" – 19	3/8" – 19	37	19	22
52.500.06	250	3/8" – 19	3/8" – 19	39	22	22
52.500.0604	250	3/8" – 19	1/4" – 19	37	22	19
52.500.0608	225	3/8" – 19	1/2" – 14	43	22	27
52.500.08	225	1/2" – 14	1/2" – 14	45	27	27
52.500.0804	225	1/2" – 14	1/4" – 19	42	27	19
52.500.0806	225	1/2" – 14	3/8" – 19	43	27	22
52.500.10	200	5/8" – 14	5/8" – 14	51	30	30
52.500.12	200	3/4" – 14	3/4" – 14	53	32	32
52.500.1208	200	3/4" – 14	1/2" – 14	52	32	27
52.500.1216	160	3/4" – 14	1" – 11	63	32	41
52.500.16	160	1" – 11.5	1" – 11	65	41	41
52.500.1612	160	1" – 11.5	3/4" – 14	63	41	32
52.500.20	160	1-1/4" – 11.5	1-1/4" – 11	67	50	50
52.500.24	160	1-1/2" – 11.5	1-1/2" – 11	78	55	55
52.500.32	100	2" – 11.5	2" – 11	87	70	70

also available:

Balfit® Stainless Steel Male x Swivel Female BSP Adapter

(add an 'S' at the end of the part number; ex: 52.500.12 S)

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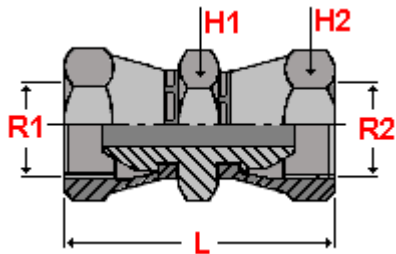
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Balfit[®] Hydraulic Adapters

Balfit[®] Swivel Female x Female BSP Adapter – 52.502

carbon steel swivel female x swivel female adapter with Whitworth parallel thread and BSP 60° cone



According to **ISO 8434-6**

Material: Carbon Steel, zinc plated

part number	working pressure	thread	thread	L	H1	H2
	bar	R1	R2			
52.502.02	350	1/8" – 28	1/8" – 28	31	14	14
52.502.04	350	1/4" – 19	1/4" – 19	41	19	19
52.502.06	250	3/8" – 19	3/8" – 19	42	22	22
52.502.08	225	1/2" – 14	1/2" – 14	50	27	27
52.502.12	200	3/4" – 14	3/4" – 14	55	30	30
52.502.16	200	1" – 11	1" – 11	59	32	32
52.502.20	160	1-1/4" – 11	1-1/4" – 11	73	41	41
52.502.24	160	1-1/2" – 11	1-1/2" – 11	76	50	50
52.502.32	100	2" – 11	2" – 11	89	55	55

also available:

Balfit[®] Stainless Steel Swivel Female x Female BSP Adapter

(add an 'S' at the end of the part number; ex: 52.502.12 S)

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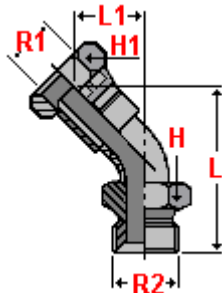
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Balfit® Hydraulic Adapters



Balfit® 45° Elbow Male x Swivel Female BSP – 52.545

carbon steel 45° elbow male x swivel female BSP 60° cone



According to **ISO 8434-6**

Material: Carbon Steel, zinc plated

part number	working pressure	thread	thread	L1	L1	H1	H2
	bar	R1	R2	mm	mm	mm	mm
52.545.02	350	1/8" – 28	1/8" – 28	45	17	14	14
52.545.04	350	1/4" – 19	1/4" – 19	48	19	19	19
52.545.06	250	3/8" – 19	3/8" – 19	56	22	22	22
52.545.08	225	1/2" – 14	1/2" – 14	58	23	27	27
52.545.12	200	3/4" – 14	3/4" – 14	73	30	32	32
52.545.16	160	1" – 11	1" – 11	82	32	38	38
52.545.20	160	1-1/4" – 11	1-1/4" – 11	98	41	50	50
52.545.24	160	1-1/2" – 11	1-1/2" – 11	117	47	55	55
52.545.32	100	2" – 11	2" – 11	130	50	65	70

also available:

Balfit® Stainless Steel 45° Elbow Male x Swivel Female BSP

(add an 'S' at the end of the part number; ex: 52.545.12 S)

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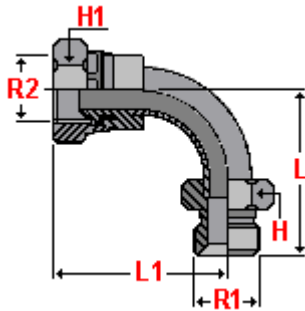
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Balfit[®] Hydraulic Adapters

Balfit[®] 90° Elbow Male x Swivel Female BSP – 52.590

carbon steel 90° elbow male x swivel female BSP 60° cone



According to **ISO 8434-6**

Material: Carbon Steel, zinc plated

part number	working pressure	thread	thread	L	L1	H1	H2
	bar	R1	R2	mm	mm	mm	mm
52.590.02	350	1/8" – 28	1/8" – 28	34	30	14	14
52.590.04	350	1/4" – 19	1/4" – 19	36	32	19	19
52.590.06	250	3/8" – 19	3/8" – 19	43	41	22	22
52.590.08	225	1/2" – 14	1/2" – 14	48	36	27	27
52.590.12	200	3/4" – 14	3/4" – 14	59	58	32	32
52.590.16	160	1" – 11	1" – 11	70	67	38	38
52.590.20	160	1-1/4" – 11	1-1/4" – 11	77	75	50	50
52.590.24	160	1-1/2" – 11	1-1/2" – 11	95	93	55	55
52.590.32	100	2" – 11	2" – 11	119	114	65	70

also available:

Balfit[®] Stainless Steel 90° Elbow Male x Swivel Female BSP

(add an 'S' at the end of the part number; ex: 52.590.12 S)

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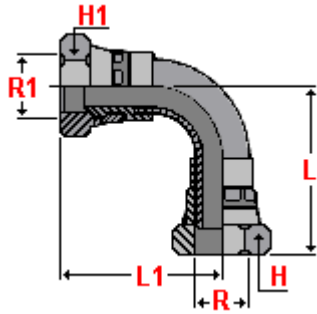
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Balfit[®] Hydraulic Adapters



Balfit[®] 90° Elbow Swivel Female BSP – 52.592

carbon steel 90° elbow swivel female BSP 60° cone



According to **ISO 8434-6**

Material: Carbon Steel, zinc plated

part number	working pressure	thread	thread	L	L1	H	H1
	bar	R	R1	mm	mm	mm	mm
52.592.02	350	1/8" – 28	1/8" – 28	34	30	14	14
52.592.04	350	1/4" – 19	1/4" – 19	36	32	19	19
52.592.06	250	3/8" – 19	3/8" – 19	43	41	22	22
52.592.08	225	1/2" – 14	1/2" – 14	48	36	27	27
52.592.12	200	3/4" – 14	3/4" – 14	59	58	32	32
52.592.16	160	1" – 11	1" – 11	70	67	38	38
52.592.20	160	1-1/4" – 11	1-1/4" – 11	77	75	50	50
52.592.24	160	1-1/2" – 11	1-1/2" – 11	95	93	55	55
52.592.32	100	2" – 11	2" – 11	119	114	65	70

also available:

Balfit[®] Stainless Steel 90° Elbow Swivel Female BSP

(add an 'S' at the end of the part number; ex: 52.592.12 S)

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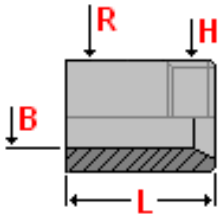
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Balfit[®] Hydraulic Adapters

Balfit[®] BSP Male Welding Bosses – 52.806

carbon steel BSP male welding bosses



According to **ISO 8434-6**

Material: Carbon Steel, zinc plated

part number	working pressure	thread	L	B	H
	bar	R	mm	mm	mm
52.806.02	350	1/8" – 28	28	5	28
52.806.04	350	1/4" – 19	30	7	30
52.806.06	250	3/8" – 19	32	9	32
52.806.08	225	1/2" – 14	34	12	34
52.806.12	200	3/4" – 14	40	15	40
52.806.16	160	1" – 11	41	20	41

also available:

Balfit[®] Stainless Steel BSP Male Welding Bosses

(add an 'S' at the end of the part number; ex: 52.806.12 S)

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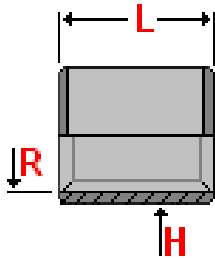
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Balfit[®] Hydraulic Adapters



Balfit[®] BSP Female Welding Bosses – 52.807

carbon steel BSP female welding bosses



According to **ISO 8434-6**

Material: Carbon Steel, zinc plated

part number	working pressure	thread	L		H
	bar	R	mm		mm
52.807.02	350	1/8" – 28	14		20
52.807.04	350	1/4" – 19	16		22
52.807.06	250	3/8" – 19	17		26
52.807.08	225	1/2" – 14	18		30
52.807.12	200	3/4" – 14	20		38
52.807.16	160	1" – 11	25		45
52.807.20	160	1-1/4" – 11	25		55
52.807.24	160	1-1/2" – 11	30		62
52.807.32	100	2" – 11	30		70

also available:

Balfit[®] Stainless Steel BSP Female Welding Bosses

(add an 'S' at the end of the part number; ex: 52.807.12 S)

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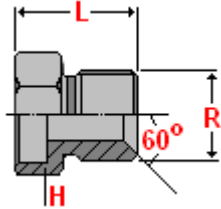
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Balfit[®] Hydraulic Adapters

Balfit[®] BSP Hexagon Male Welding Bosses – 52.808

carbon steel BSP hexagon male welding bosses



According to **ISO 8434-6**

Material: Carbon Steel, zinc plated

part number	working pressure	thread	L		H
	bar	R	mm		mm
52.808.02	350	1/8" – 28	15		14
52.808.04	350	1/4" – 19	20		19
52.808.06	250	3/8" – 19	22		22
52.808.08	225	1/2" – 14	25		27
52.808.12	200	3/4" – 14	27		32
52.808.16	160	1" – 11	30		38
52.808.20	160	1-1/4" – 11	33		50
52.808.24	160	1-1/2" – 11	35		55
52.808.32	100	2" – 11	43		70

also available:

Balfit[®] Stainless Steel BSP Hexagon Male Welding Bosses

(add an 'S' at the end of the part number; ex: 52.808.12 S)

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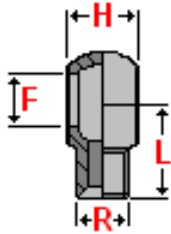
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Balfit[®] Hydraulic Adapters



Balfit[®] BSP Threaded Banjo Eye – 52.800

carbon steel BSP threaded banjo eye



Material: Carbon Steel, zinc plated

part number	working pressure	thread	L	F	H
	bar	R	mm	mm	mm
52.800.04	350	1/4" – 19	24	1/4"	14
52.800.06	250	3/8" – 19	26	3/8"	17
52.800.08	225	1/2" – 14	28	1/2"	22
52.800.12	200	3/4" – 14	32	3/4"	28
52.800.16	160	1" – 11	47	1"	38

also available:

Balfit[®] Stainless Steel BSP Threaded Banjo Eye

(add an 'S' at the end of the part number; ex: 52.800.12 S)

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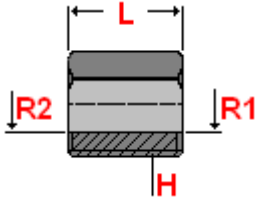
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Balfit[®] Hydraulic Adapters

Balfit[®] BSPP Female Union – 52.3000

carbon steel BSPP female union



According to **ISO 8434-6**

Material: Carbon Steel, zinc plated

part number	working pressure	thread		L	H
	bar	R1	R2	mm	mm
52.3000.0202	350	1/8" – 28	1/8" – 28	25	14
52.3000.0404	350	1/4" – 19	1/4" – 19	29	17
52.3000.0606	250	3/8" – 19	3/8" – 19	31	22
52.3000.0808	225	1/2" – 14	1/2" – 14	38	25
52.3000.1212	200	3/4" – 14	3/4" – 14	44	32
52.3000.1616	160	1" – 11	1" – 11	49	38
52.3000.2020	160	1-1/4" – 11	1-1/4" – 11	60	50
52.3000.2424	160	1-1/2" – 11	1-1/2" – 11	70	55
52.3000.3232	100	2" – 11	2" – 11	80	65

also available:

Balfit[®] Stainless Steel BSPP Female Union

(add an 'S' at the end of the part number; ex: 52.3000.1212 S)

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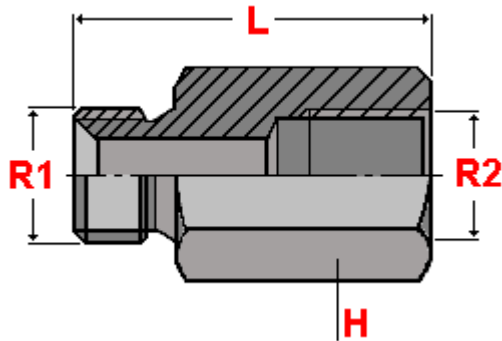
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Balfit[®] Hydraulic Adapters



Balfit[®] BSPP Male x BSP Fixed Female Adapter – 52.5000

carbon steel BSPP Male x BSP Fixed Female Adapter



According to **ISO 8434-6**

Material: Carbon Steel, zinc plated

part number	working pressure	thread		L	H
	bar	R1	R2	mm	mm
52.5000.0204	350	1/8" – 28	1/8" – 28	31	19
52.5000.0406	350	1/4" – 19	1/4" – 19	38	22
52.5000.0408	225	3/8" – 19	3/8" – 19	34	27
52.5000.0608	225	1/2" – 14	1/2" – 14	43	27
52.5000.0612	200	3/4" – 14	3/4" – 14	42	32
52.5000.0812	225	1" – 11	1" – 11	45	32
52.5000.0816	225	1-1/4" – 11	1-1/4" – 11	45	38
52.5000.1216	200	1-1/2" – 11	1-1/2" – 11	46	38

also available:

Balfit[®] Stainless Steel BSPP Male x BSP Fixed Female Adapter

(add an 'S' at the end of the part number; ex: 52.5000.0812 S)

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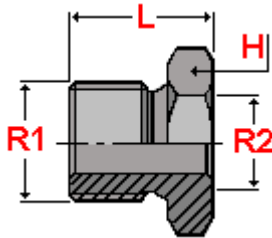
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Balfit[®] Hydraulic Adapters

Balfit[®] BSPP Male x BSP Fixed Female Adapter – 52.5001

carbon steel BSPP Male x BSP Fixed Female Adapter



According to **ISO 8434-6**

Material: Carbon Steel, zinc plated

part number	working pressure	thread		L	H
		R1	R2		
	bar			mm	mm
52.5001.0604	250	3/8" – 19	1/4" – 19	22	22
52.5001.0804	225	1/2" – 14	1/4" – 19	25	27
52.5001.0806	225	1/2" – 14	3/8" – 19	25	27
52.5001.1206	200	3/4" – 14	3/8" – 19	27	32
52.5001.1208	200	3/4" – 14	1/2" – 14	27	32
52.5001.1606	160	1" – 11	3/8" – 19	30	38
52.5001.1608	160	1" – 11	1/2" – 14	30	38
52.5001.1612	160	1" – 11	3/4" – 14	30	38
52.5001.2012	160	1.1/4" – 11	3/4" – 14	34	50
52.5001.2016	160	1.1/4" – 11	1" – 11	34	50
52.5001.2416	160	1.1/2" – 11	1" – 11	35	55
52.5001.2420	160	1.1/2" – 11	1.1/4" – 11	35	55
52.5001.3220	100	2" – 11	1.1/4" – 11	43	70
52.5001.3224	100	2" – 11	1.1/2" – 11	43	70

also available:

Balfit[®] Stainless Steel BSPP Male x BSP Fixed Female Adapter

(add an 'S' at the end of the part number; ex: 52.5001.0806 S)

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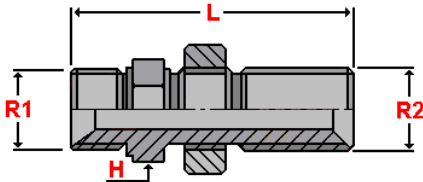
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Balfit® Hydraulic Adapters



Balfit® BSP Bulkhead Connector – 52.5003

carbon steel BSP Bulkhead Connector



According to **ISO 8434-6**

Material: Carbon Steel, zinc plated

part number	working pressure	thread		L mm	H mm
	bar	R1	R2		
52.5003.04	350	1/4" – 19	1/4" – 19	46	19
52.5003.06	250	3/8" – 19	3/8" – 19	54	22
52.5003.08	225	1/2" – 14	1/2" – 14	57	27
52.5003.12	200	3/4" – 14	3/4" – 14	65	32
52.5003.16	160	1" – 11	1" – 11	73	38

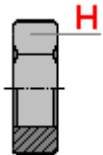
also available:

Balfit® Stainless Steel BSP Bulkhead Connector

(add an 'S' at the end of the part number; ex: 52.5003.06 S)

Balfit® BSP Locknut – 52.5004

(carbon steel BSP Locknut)



According to **ISO 8434-6**

Material: Carbon Steel, zinc plated

part number	working pressure	thread	H mm
	bar		
52.5004.04	350	1/4" – 19	19
52.5004.06	250	3/8" – 19	22
52.5004.08	225	1/2" – 14	27
52.5004.12	200	3/4" – 14	32
52.5004.16	160	1" – 11	38

also available:

Balfit® Stainless Steel BSP Locknut

(add an 'S' at the end of the part number; ex: 52.5004.06 S)

Construction characteristics and dimensions may be changed at any time without prior notice.

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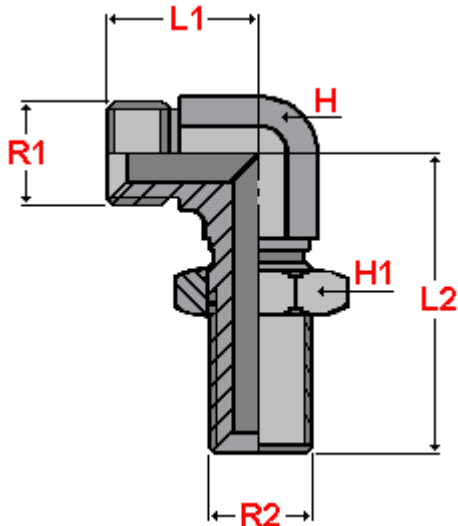
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Balfit[®] Hydraulic Adapters

Balfit[®] 90° Elbow BSP Bulkhead Connector – 52.5005

carbon steel 90° Elbow BSP Bulkhead Connector



According to **ISO 8434-6**

Material: Carbon Steel, zinc plated

part number	working pressure	thread		L1	L2	H	H1
	bar	R1	R2	mm	mm	mm	mm
52.5005.04	350	1/4" – 19	1/4" – 19	25	46	14	19
52.5005.06	250	3/8" – 19	3/8" – 19	30	54	19	22
52.5005.08	225	1/2" – 14	1/2" – 14	37	61	22	27
52.5005.12	200	3/4" – 14	3/4" – 14	40	68	27	32
52.5005.16	160	1" – 11	1" – 11	48	71	33	38

also available:

Balfit[®] Stainless Steel 90° Elbow BSP Bulkhead Connector

(add an 'S' at the end of the part number; ex: 52.5005.06 S)

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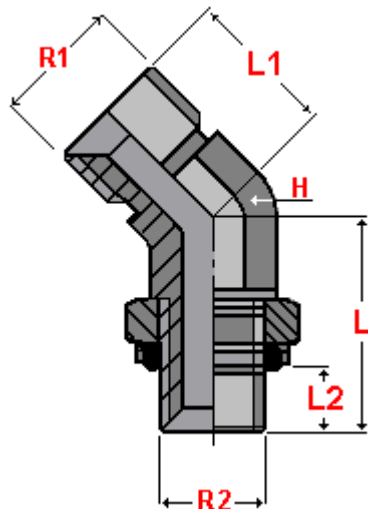
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Balfit[®] Hydraulic Adapters



Balfit[®] 45° Elbow Adjustable BSPP Male – 52.7008

carbon steel 45° Elbow Adjustable BSPP Male



According to **ISO 8434-6**

Material: Carbon Steel, zinc plated

part number	working pressure	thread		L	L1	L2	H
	bar	R1	R2	mm	mm	mm	mm
52.7008.02	350	1/8" – 28	1/8" – 28	25,5	14,8	6,3	11
52.7008.04	350	1/4" – 19	1/4" – 19	29	19,8	9,5	14
52.7008.06	250	3/8" – 19	3/8" – 19	33	23,3	9,5	19
52.7008.08	225	1/2" – 14	1/2" – 14	39	25,5	13	22
52.7008.12	200	3/4" – 14	3/4" – 14	42,3	29,3	13	27
52.7008.16	160	1" – 11	1" – 11	47	37	16	33
52.7008.20	160	1-1/4" – 11	1-1/4" – 11	48,5	35,5	16	41
52.7008.24	160	1.1/2" – 11	1.1/2" – 11	58,2	45,2	16	48

also available:

Balfit[®] Stainless Steel 45° Elbow Adjustable BSPP Male

(add an 'S' at the end of the part number; ex: 52.7008.06 S)

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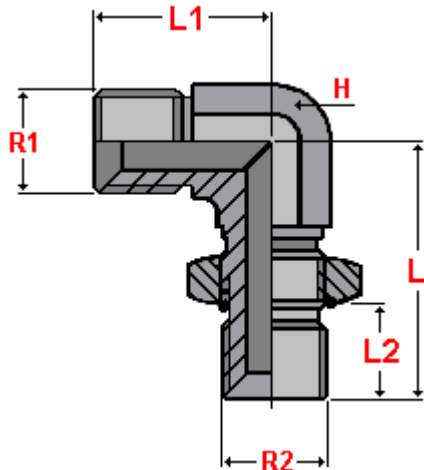
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Balfit[®] Hydraulic Adapters

Balfit[®] 90° Elbow Adjustable BSPP Male – 52.7009

carbon steel 90° Elbow Adjustable BSPP Male



According to **ISO 8434-6**

Material: Carbon Steel, zinc plated

part number	working pressure	thread		L	L1	L2	H
	bar	R1	R2	mm	mm	mm	mm
52.7009.02	350	1/8" – 28	1/8" – 28	26	19	6	11
52.7009.04	350	1/4" – 19	1/4" – 19	32	25	10	14
52.7009.06	250	3/8" – 19	3/8" – 19	37	30	10	19
52.7009.08	225	1/2" – 14	1/2" – 14	44	36	13	22
52.7009.12	200	3/4" – 14	3/4" – 14	50	39	13	27
52.7009.16	160	1" – 11	1" – 11	54	46	16	33
52.7009.20	160	1-1/4" – 11	1-1/4" – 11	57	50	16	41
52.7009.24	160	1.1/2" – 11	1.1/2" – 11	63	55	16	48

also available:

Balfit[®] Stainless Steel 90° Elbow Adjustable BSPP Male

(add an 'S' at the end of the part number; ex: 52.7009.06 S)

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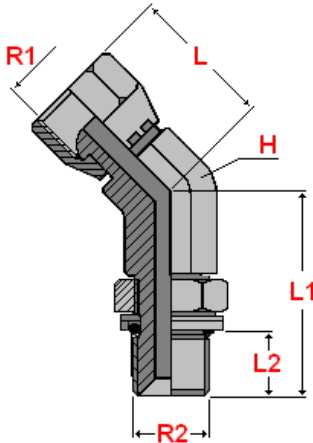
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Balfit® Hydraulic Adapters



Balfit® 45° Elbow Adjustable BSPP Male x Female – 52.7011

carbon steel 45° Elbow Adjustable BSPP Male x BSPP Female



According to **ISO 8434-6**

Material: Carbon Steel, zinc plated

part number	working pressure	thread		L	L1	L2	H
	bar	R1	R2	mm	mm	mm	mm
52.7011.02	350	1/8" – 28	1/8" – 28	23,5	18	6,3	11
52.7011.04	350	1/4" – 19	1/4" – 19	26	21	9,5	14
52.7011.06	250	3/8" – 19	3/8" – 19	34	25	9,5	19
52.7011.08	225	1/2" – 14	1/2" – 14	36	28	13	22
52.7011.12	200	3/4" – 14	3/4" – 14	39	33	13	27
52.7011.16	160	1" – 11	1" – 11	39	37	16	33

also available:

Balfit® Stainless Steel 45° Elbow Adjustable BSPP Male x Female

(add an 'S' at the end of the part number; ex: 52.7011.06 S)

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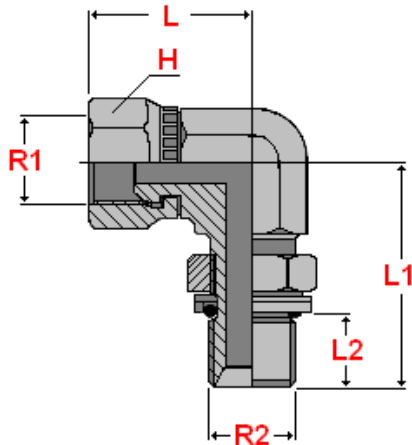
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Balfit[®] Hydraulic Adapters

Balfit[®] 90° Elbow Adjustable BSPP Male x Female – 52.7010

carbon steel 90° Elbow Adjustable BSPP Male x BSPP Female



According to **ISO 8434-6**

Material: Carbon Steel, zinc plated

part number	working pressure	thread		L	L1	L2	H
	bar	R1	R2	mm	mm	mm	mm
52.7010.02	350	1/8" – 28	1/8" – 28	24	26	6,3	11
52.7010.04	350	1/4" – 19	1/4" – 19	29	32	9,5	14
52.7010.06	250	3/8" – 19	3/8" – 19	31	37	9,5	19
52.7010.08	225	1/2" – 14	1/2" – 14	41	44	13	22
52.7010.12	200	3/4" – 14	3/4" – 14	46	50	13	27
52.7010.16	160	1" – 11	1" – 11	49	54	16	33
52.7010.20	160	1-1/4" – 11	1-1/4" – 11	58	57	16	41

also available:

Balfit[®] Stainless Steel 90° Elbow Adjustable BSPP Male x Female

(add an 'S' at the end of the part number; ex: 52.7010.06 S)

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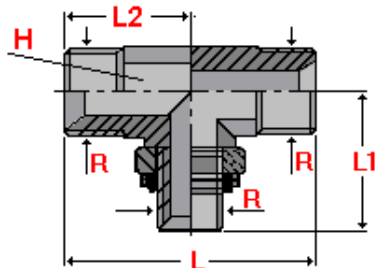
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Balfit[®] Hydraulic Adapters



Balfit[®] BSPP Male Adjustable Branch Tee – 52.7012

carbon steel BSPP Male Adjustable Branch Tee



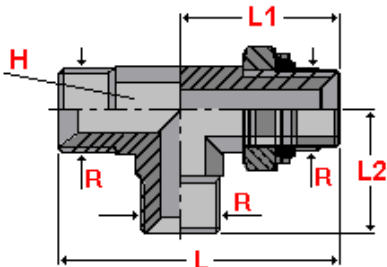
According to **ISO 8434-6**

Material: Carbon Steel, zinc plated

part number	working pressure	thread	L	L1	L2	H
	bar					
52.7012.02	350	1/8" – 28	40	26	20	11
52.7012.04	350	1/4" – 19	52	32	26	14
52.7012.06	250	3/8" – 19	60	37	30	19
52.7012.08	225	1/2" – 14	72	43	36	22
52.7012.12	200	3/4" – 14	78	50	39	27
52.7012.16	160	1" – 11	92	52	46	33

Balfit[®] BSPP Male Adjustable Run Tee – 52.7013

(carbon steel BSPP Male Adjustable Run Tee)



part number	working pressure	thread	L	L1	L2	H
	bar					
52.7013.02	350	1/8" – 28	46	26	20	11
52.7013.04	350	1/4" – 19	58	32	26	14
52.7013.06	250	3/8" – 19	67	37	30	19
52.7013.08	225	1/2" – 14	79	43	36	22
52.7013.12	200	3/4" – 14	88,5	49,5	39	27
52.7013.16	160	1" – 11	98	52	46	33

also available:

Balfit[®] Stainless Steel BSPP Male Adjustable Branch and Run Tee

(add an 'S' at the end of the part number; ex: 52.7012.06 S and 52.7013.06 S)

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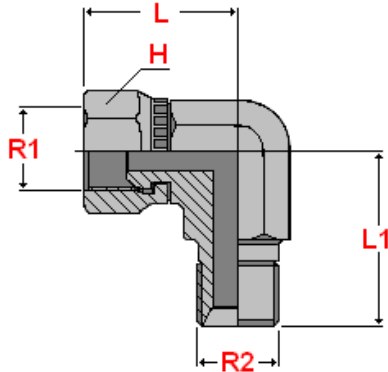
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Balfit[®] Hydraulic Adapters

Balfit[®] 90° Elbow BSPP Male x Female – 53.110

carbon steel 90° Elbow BSPP Male x BSPP Female



According to **ISO 8434-6**

Material: Carbon Steel, zinc plated

part number	working pressure	thread		L	L1	H
	bar	R1	R2	mm	mm	mm
53.110.0202	350	1/8" – 28	1/8" – 28	27	25	11
53.110.0404	350	1/4" – 19	1/4" – 19	29	27	14
53.110.0606	250	3/8" – 19	3/8" – 19	34	32	19
53.110.0808	225	1/2" – 14	1/2" – 14	40	36	22
53.110.1212	200	3/4" – 14	3/4" – 14	46	40	27
53.110.1616	160	1" – 11	1" – 11	52	50	33
53.110.2020	160	1.1/4" – 11	1.1/4" – 11	54	52	41

also available:

Balfit[®] Stainless Steel 90° Elbow BSPP Male x Female

(add an 'S' at the end of the part number; ex: 53.110.0606 S)

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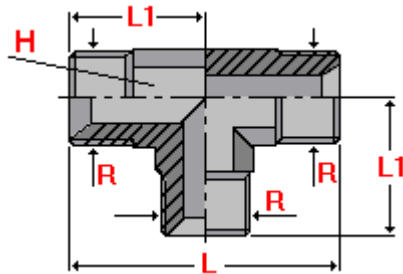
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Balfit® Hydraulic Adapters



Balfit® Union BSPP Male Tee – 53.300

carbon steel Union BSPP Male Tee



According to **ISO 8434-6**

Material: Carbon Steel, zinc plated

part number	working pressure	thread	L	L1	H
	bar	R	mm	mm	
53.300.02	350	1/8" – 28	52	25	11
53.300.04	350	1/4" – 19	54	27	14
53.300.06	250	3/8" – 19	64	32	19
53.300.08	225	1/2" – 14	72	36	22
53.300.12	200	3/4" – 14	80	40	27
53.300.16	160	1" – 11	100	50	33
53.300.20	160	1.1/4" – 11	104	52	41
53.300.24	125	1.1/2" – 11	118	59	50

also available:

Balfit® Stainless Steel Union BSPP Male Tee

(add an 'S' at the end of the part number; ex: 53.300.06 S)

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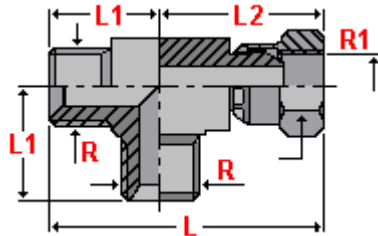
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Balfit[®] Hydraulic Adapters

Balfit[®] Swivel BSP Run Tee – 53.4011

carbon steel BSP Male x BSP Male x Swivel BSP Female Run Tee



According to **ISO 8434-6**

Material: Carbon Steel, zinc plated

part number	working pressure	thread		L	L1	L2	H
	bar	R	R1	mm	mm	mm	mm
53.4011.02	350	1/8" – 28	1/8" – 28	52	27	25	11
53.4011.04	350	1/4" – 19	1/4" – 19	56	29	27	14
53.4011.06	250	3/8" – 19	3/8" – 19	66	34	32	19
53.4011.08	225	1/2" – 14	1/2" – 14	76	40	36	22
53.4011.12	200	3/4" – 14	3/4" – 14	86	46	40	27
53.4011.16	160	1" – 11	1" – 11	102	52	50	33
53.4011.20	160	1.1/4" – 11	1.1/4" – 11	106	54	52	41
53.4011.24	125	1.1/2" – 11	1.1/2" – 11	120	61	59	50

also available:

Balfit[®] Stainless Steel Swivel BSP Run Tee

(add an 'S' at the end of the part number; ex: 53.4011.06 S)

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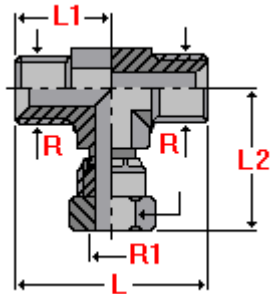
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Balfit[®] Hydraulic Adapters



Balfit[®] Swivel BSP Branch Tee – 53.4012

carbon steel BSP Male x BSP Male x Swivel BSP Female Branch Tee



According to **ISO 8434-6**

Material: Carbon Steel, zinc plated

part number	working pressure	thread		L	L1	L2	H
	bar	R	R1	mm	mm	mm	mm
53.4012.02	350	1/8" – 28	1/8" – 28	52	25	27	11
53.4012.04	350	1/4" – 19	1/4" – 19	56	27	29	14
53.4012.06	250	3/8" – 19	3/8" – 19	66	32	34	19
53.4012.08	225	1/2" – 14	1/2" – 14	76	36	40	22
53.4012.12	200	3/4" – 14	3/4" – 14	86	40	46	27
53.4012.16	160	1" – 11	1" – 11	102	50	52	33
53.4012.20	160	1.1/4" – 11	1.1/4" – 11	106	52	54	41
53.4012.24	125	1.1/2" – 11	1.1/2" – 11	120	59	61	50

also available:

Balfit[®] Stainless Steel Swivel BSP Branch Tee

(add an 'S' at the end of the part number; ex: 53.4012.06 S)

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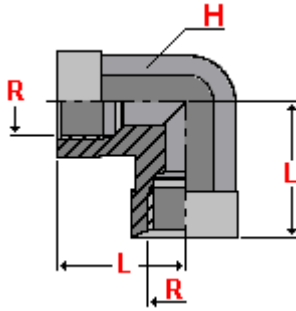
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Balfit[®] Hydraulic Adapters

Balfit[®] 90° BSPP Elbow Fixed Female Union – 53.120

carbon steel 90° BSP Elbow Fixed Female Union



According to **ISO 8434-6**

Material: Carbon Steel, zinc plated

part number	working pressure	thread	L			H
	bar	R	mm			mm
53.120.0202	350	1/8" – 28	25			11
53.120.0404	350	1/4" – 19	27			14
53.120.0606	250	3/8" – 19	32			19
53.120.0808	225	1/2" – 14	36			22
53.120.1212	200	3/4" – 14	40			27
53.120.1616	160	1" – 11	50			33

also available:

Balfit[®] Stainless Steel 90° BSPP Elbow Fixed Female Union

(add an 'S' at the end of the part number; ex: 53.120.0606 S)

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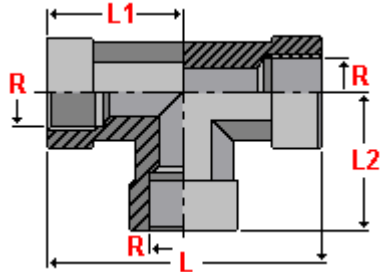
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Balfit[®] Hydraulic Adapters



Balfit[®] Fixed Female BSPP Tee – 53.302

carbon steel Fixed Female BSPP Tee



According to **ISO 8434-6**

Material: Carbon Steel, zinc plated

part number	working pressure	thread	L	L1	L2	H
	bar	R	mm	mm	mm	mm
53.302.02	350	1/8" – 28	50	25	25	11
53.302.04	350	1/4" – 19	54	27	27	14
53.302.06	250	3/8" – 19	64	32	32	19
53.302.08	225	1/2" – 14	72	36	36	22
53.302.12	200	3/4" – 14	80	40	40	27
53.302.16	160	1" – 11	100	50	50	33

also available:

Balfit[®] Stainless Steel Fixed Female BSPP Tee

(add an 'S' at the end of the part number; ex: 53.302.06 S)

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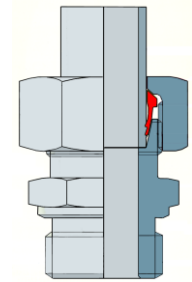
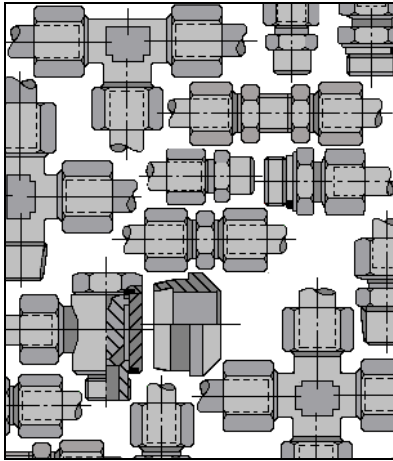
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Balfit[®] Compression Ring Pipe Fittings

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.

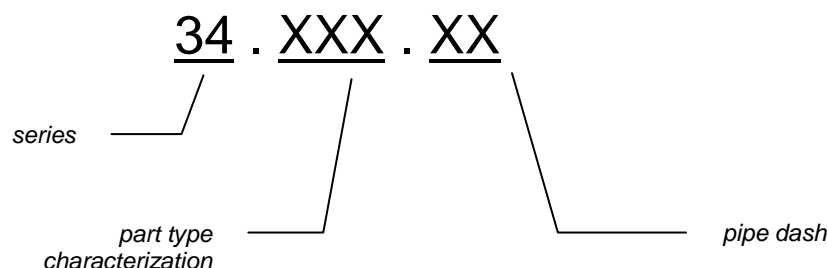


Balfit 24° Compression Ring Hydraulic Pipe Fittings (Series 34)

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 **NPTF** 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**
- **NPTF threads**

The **Balfit[®]** compression ring fittings part code is composed of three groups of digits:



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Balfit® Compression Ring Pipe Fittings

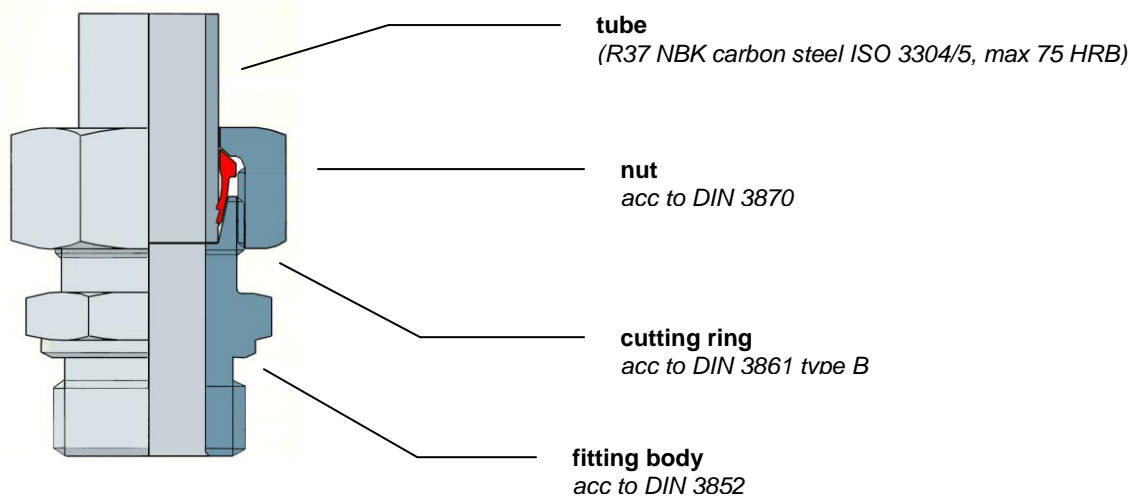


Compression ring operation principle

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.

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Balfit[®] Compression Ring Pipe Fittings

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:

- 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 1 1/2 turns with two wrenches.
- 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 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.

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Balfit® Compression Ring Pipe Fittings



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

- **LL** for very light duty fittings, with a maximum working pressure of 10 MPa (1450 PSI);
- **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.

Table 1: Pressure Conversion

bar	0,00134	0,0025	0,0339	0,069	0,098	1,00	1,01	10,0	100
PSI	0,0194	0,036	0,492	1,001	1,421	14,504	14,69	145,04	1450,38
MPa	-	-	0,003	0,007	0,0098	0,10	0,101	1,00	10,00
1 atm	0,001	0,0025	0,0335	0,068	0,097	0,987	1,00	9,87	98,69
m H₂O (20°C)	0,014	0,026	0,346	0,704	1,000	10,207	10,34	102,074	1020,736
in Hg (20°C)	0,0396	0,074	1,001	2,04	2,89	29,53	29,91	295,30	2953
in H₂O (20°C)	0,538	1,005	13,623	27,73	39,38	401,86	407,09	4018,65	40186,47
mm Hg (20°C)	1,005	1,88	25,43	51,75	73,51	750,06	759,81	7500,62	75006,17

Example: 1 MPa = 14,51 PSI ; 1Mpa = 10,0bar

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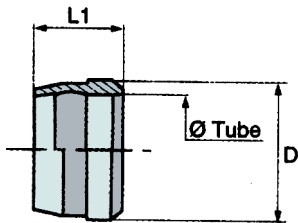
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Balfit[®] Compression Ring Pipe Fittings

Balfit[®] 24° Compression Ring – 34.101.

double edged carbon steel compression ring for 24° compression ring pipe fittings



According to **ISO 8434-1** According to **DIN 2353**

Material: Carbon Steel

Finish: Heat treated, passivated and zinc-plated

part number	Ø tube	dimensions		working pressure	ISO series
	mm	L1	D	MPa	
34.101.06LS	6	9,5	10	31.5	L
34.101.08LS	8	9,5	12	31.5	L
34.101.10LS	10	10	14	31.5	L
34.101.12LS	12	10	16	31.5	L
34.101.15L	15	10	19	31.5	L
34.101.18L	18	10	23	31.5	L
34.101.22L	22	10,5	27	16.0	L
34.101.28L	28	11	33	16.0	L
34.101.35L	35	13	41	16.0	L
34.101.42L	42	13	48	16.0	L
34.101.14S	14	10	19	63.0	S
34.101.16S	16	10,5	21	40.0	S
34.101.20S	20	12	26	40.0	S
34.101.25S	25	12	32	40.0	S
34.101.30S	30	13	36	40.0	S
34.101.38S	38	13	44	31.5	S

also available:

Balfit[®] Stainless Steel 24° Compression Ring

(add an 'S' at the end of the part number; ex: 34.101.15LS)

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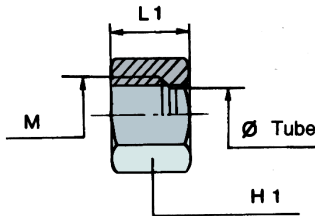
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Balfit® Compression Ring Pipe Fittings



Balfit® Tightening Nut – 34.102.

carbon steel tightening nut for 24° compression ring pipe fittings



According to **ISO 8434-1** According to **DIN 2353**

Material: Carbon Steel
Finish: Zinc-plated

part number	Ø tube	dimensions			working pressure	ISO series
	mm	M	L	H1	MPa	
34.102.06L	6	12x1,5	14,5	14	31.5	L
34.102.08L	8	14x1,5	14,5	17	31.5	L
34.102.10L	10	16x1,5	15,5	19	31.5	L
34.102.12L	12	18x1,5	15,5	22	31.5	L
34.102.15L	15	22x1,5	17	27	31.5	L
34.102.18L	18	26x1,5	18	32	31.5	L
34.102.22L	22	30x2	20	36	16.0	L
34.102.28L	28	36x2	21	41	16.0	L
34.102.35L	35	45x2	24	50	16.0	L
34.102.42L	42	52x2	24	60	16.0	L
34.102.06S	6	14x1,5	16,5	17	63.0	S
34.102.08S	8	16x1,5	16,5	19	63.0	S
34.102.10S	10	18x1,5	17,5	22	63.0	S
34.102.12S	12	20x1,5	17,5	24	63.0	S
34.102.14S	14	22x1,5	20,5	27	63.0	S
34.102.16S	16	24x1,5	20,5	30	40.0	S
34.102.20S	20	30x2	24	36	40.0	S
34.102.25S	25	36x2	27	46	40.0	S
34.102.30S	30	42x2	29	50	40.0	S
34.102.38S	38	52x2	32,5	60	31.5	S

also available:

Balfit® Stainless Steel 24° Compression Ring

(add an 'S' at the end of the part number; ex: 34.102.15LS)

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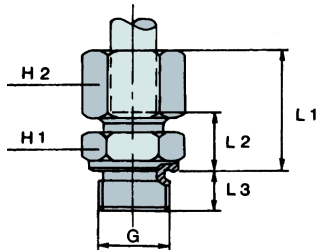
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Balfit[®] Compression Ring Pipe Fittings

Balfit[®] BSP Male Connector – 34.103.

carbon steel parallel BSP thread male stud 24° compression ring pipe fitting



According to **ISO 8434-1** According to **DIN 2353**

Material: Carbon Steel
Finish: Zinc-plated

part number	Ø tube	thread	dimensions						working pressure	ISO series
			mm	G	L1	L2	L3	H1		
34.103.06LR02	6	1/8	23	8,5	8	14	14	31.5	L	
34.103.08LR04	8	1/4	25	10	12	19	17	31.5	L	
34.103.10LR04	10	1/4	26	11	12	19	19	31.5	L	
34.103.12LR06	12	3/8	27	12,5	12	22	22	31.5	L	
34.103.15LR08	15	1/2	29	14	14	27	27	31.5	L	
34.103.18LR08	18	1/2	31	14,5	14	27	32	31.5	L	
34.103.22LR12	22	3/4	33	16,5	16	32	36	16.0	L	
34.103.28LR16	28	1	34	17,5	18	41	41	16.0	L	
34.103.35LR20	35	1-1/4	39	17,5	20	50	50	16.0	L	
34.103.42LR24	42	1-1/2	42	19	22	55	60	16.0	L	
34.103.06SR04	6	1/4	28	13	12	19	17	63.0	S	
34.103.08SR04	8	1/4	30	15	12	19	19	63.0	S	
34.103.10SR06	10	3/8	31	15	12	22	22	63.0	S	
34.103.12SR06	12	3/8	33	17	12	22	24	63.0	S	
34.103.14SR08	14	1/2	37	19	14	27	27	63.0	S	
34.103.16SR08	16	1/2	37	18,5	14	27	30	40.0	S	
34.103.20SR12	20	3/4	42	20,5	16	32	36	40.0	S	
34.103.25SR16	25	1	47	23	18	41	46	40.0	S	
34.103.30SR20	30	1-1/4	50	23,5	20	50	50	40.0	S	
34.103.38SR24	38	1-1/2	57	26	22	55	60	31.5	S	
34.103.06LR04	6	1/4	24,5	10	12	19	14	31.5	L	
34.103.08LR02	8	1/8	24,5	9,5	8	17	17	31.5	L	

also available:

Balfit[®] Stainless Steel 24° Compression Ring

(add an 'S' at the end of the part number; ex: 34.103.10SR06S)

continued on next page

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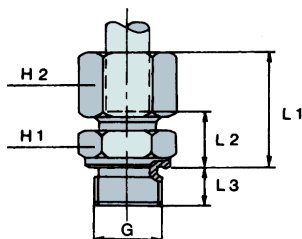
Balfit® Compression Ring Pipe Fittings



continued

Balfit® BSP Male Connector – 34.103.

carbon steel parallel BSP thread male stud 24° compression ring pipe fitting



According to **ISO 8434-1** According to **DIN 2353**

Material: Carbon Steel
Finish: Zinc-plated

part number	Ø tube	thread	dimensions						working pressure	ISO series
	mm	G	L1	L2	L3	H1	H2	MPa		
34.103.08LR06	8	3/8	26,5	11,5	12	22	17	31.5	L	
34.103.08LR08	8	1/2	27	12	14	27	17	31.5	L	
34.103.10LR02	10	1/8	25,5	10,5	8	17	19	31.5	L	
34.103.10LR06	10	3/8	27,5	12,5	12	22	19	31.5	L	
34.103.10LR08	10	1/2	28	13	14	27	19	31.5	L	
34.103.12LR04	12	1/4	26,5	12	12	19	22	31.5	L	
34.103.12LR08	12	1/2	27,5	13	14	27	22	315	L	
34.103.15LR06	15	3/8	28,5	13,5	12	24	27	315	L	
34.103.18LR12	18	3/4	31	14,5	16	32	32	315	L	
34.103.12SR08	12	1/2	33,5	17,5	14	27	24	630	S	
34.103.14SR06	14	3/8	36,5	18,5	12	24	27	630	S	
34.103.16SR06	16	3/8	36,5	18	12	27	30	400	S	
34.103.20SR08	20	1/2	42	20,5	14	32	36	400	S	
34.103.25SR12	25	3/4	47	23	16	41	46	400	S	
34.103.30SR16	30	1	50	23,5	18	50	50	400	S	
34.103.08SR06	8	3/8	30,5	15,5	12	22	19	630	S	
34.103.10SR04	10	1/4	30,5	14,5	12	19	22	630	S	
34.103.10SR08	10	1/2	33,5	17,5	14	27	22	630	S	
34.103.12SR04	12	1/4	32,5	16,5	12	22	24	630	S	
34.103.16SR12	16	3/4	39	20,5	16	32	30	400	S	
34.103.20SR16	20	1	44	22,5	18	41	36	400	S	
34.103.38SR20	38	1-1/4	57	26	20	55	60	315	S	
34.103.15LR12	15	3/4	30	15	16	32	27	315	L	
34.103.22LR08	22	1/2	33	16,5	14	32	36	160	L	
34.103.22LR16	22	1	34	17,5	18	41	36	160	L	
34.103.28LR12	28	3/4	34	17,5	16	41	41	160	L	
34.103.35LR16	35	1	39	17,5	18	50	50	160	L	
34.103.06SR06	6	3/8	26	11,5	12	22	14	315	L	
34.103.42LR20	42	1-1/4	42	19	20	55	60	160	L	

also available:

Balfit® Stainless Steel 24° Compression Ring

(add an 'S' at the end of the part number; ex: 34.103.10SR06S)

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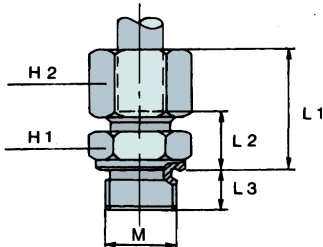
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Balfit[®] Compression Ring Pipe Fittings

Balfit[®] Metric Male Connector – 34.104.

carbon steel parallel Metric thread male stud 24° compression ring pipe fitting



According to **ISO 8434-1** According to **DIN 2353**

Material: Carbon Steel

Finish: Zinc-plated

part number	Ø tube	thread	dimensions						working pressure	ISO series
	mm	G	L1	L2	L3	H1	H2	MPa		
34.104.06LM10	6	10x1	23	8,5	8	14	14	31,5	L	
34.104.08LM12	8	12x1,5	25	10	12	17	17	31,5	L	
34.104.10LM14	10	14x1,5	26	11	12	19	19	31,5	L	
34.104.12LM16	12	16x1,5	27	12,5	12	22	22	31,5	L	
34.104.15LM18	15	18x1,5	29	13,5	12	24	27	31,5	L	
34.104.18LM22	18	22x1,5	31	14,5	14	27	32	31,5	L	
34.104.22LM26	22	26x1,5	33	16,5	16	32	36	16,0	L	
34.104.28LM33	28	33x2	34	17,5	18	41	41	16,0	L	
34.104.35LM42	35	42x2	39	17,5	20	50	50	16,0	L	
34.104.42LM48	42	48x2	42	19	22	55	60	16,0	L	
34.104.06SM12	6	12x1,5	28	13	12	17	17	63,0	S	
34.104.08SM14	8	14x1,5	30	15	12	19	19	63,0	S	
34.104.10SM16	10	16x1,5	31	15	12	22	22	63,0	S	
34.104.12SM18	12	18x1,5	33	17	12	24	24	63,0	S	
34.104.14SM20	14	20x1,5	37	19	14	27	27	63,0	S	
34.104.16SM22	16	22x1,5	37	18,5	14	27	30	40,0	S	
34.104.20SM27	20	27x2	42	20,5	16	32	36	40,0	S	
34.104.25SM33	25	33x2	47	23	18	41	46	40,0	S	
34.104.30SM42	30	42x2	50	23,5	20	50	50	40,0	S	
34.104.38SM48	38	48x2	57	26	22	55	60	31,5	S	
34.104.08LM18	8	18x1,5	26,5	11,5	12	24	17	31,5	L	
34.104.10SM16	10	16x1,5	27,5	12,5	12	22	19	31,5	L	

also available:

Balfit[®] Stainless Steel 24° Compression Ring

(add an 'S' at the end of the part number; ex: 34.104.22LM26S)

continued on next page

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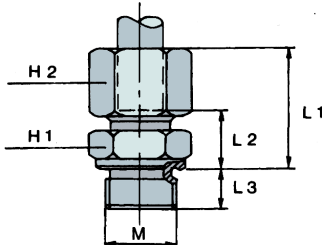
Balfit® Compression Ring Pipe Fittings



continued

Balfit® Metric Male Connector – 34.104.

carbon steel parallel Metric thread male stud 24° compression ring pipe fitting



According to **ISO 8434-1** According to **DIN 2353**

Material: Carbon Steel

Finish: Zinc-plated

part number	Ø tube	thread	dimensions						working pressure	ISO series
	mm	G	L1	L2	L3	H1	H2	MPa		
34.104.10LM18	10	18x1,5	27,5	12,5	12	24	19	31.5	L	
34.104.10LM22	10	22x1,5	29	14	14	27	19	31.5	L	
34.104.12LM14	12	14x1,5	27	12,5	12	19	22	31.5	L	
34.104.12LM18	12	18x1,5	27	12,5	12	24	22	31.5	L	
34.104.12LM22	12	22x1,5	28,5	14	14	27	22	31.5	L	
34.104.15LM16	15	16x1,5	28	13	12	24	27	31.5	L	
34.104.15LM22	15	22x1,5	30	15	14	27	27	31.5	L	
34.104.18LM18	18	18x1,5	30,5	14	12	27	32	31.5	L	
34.104.22LM22	22	22x1,5	33	16,5	14	32	36	16.0	L	
34.104.12SM22	12	22x1,5	33,5	17,5	14	27	24	63.0	S	
34.104.16SM18	16	18x1,5	36,5	18	12	27	30	40.0	S	

these sizes available only on scheduled orders

also available:

Balfit® Stainless Steel 24° Compression Ring

(add an 'S' at the end of the part number; ex: 34.104.12SM22S)

Construction characteristics and dimensions may be changed at any time without prior notice.

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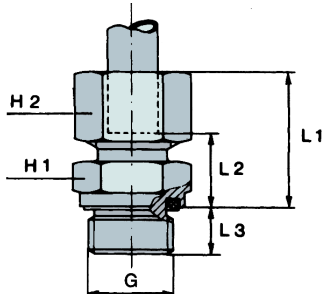
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Balfit[®] Compression Ring Pipe Fittings

Balfit[®] BSP Male Connector with seal – 34.105.

carbon steel parallel BSP thread male stud 24° compression ring pipe fitting with rubber seal



According to **ISO 8434-1** According to **DIN 2353**

Material: Carbon Steel

Finish: Zinc-plated

part number	Ø tube mm	thread G	dimensions						working pressure MPa	ISO series
			L1	L2	L3	H1	H2			
34.105.06LR02	6	1/8	23	8,5	8	14	14		31.5	L
34.105.08LR04	8	1/4	25	10	12	19	17		31.5	L
34.105.10LR04	10	1/4	26	11	12	19	19		31.5	L
34.105.12LR06	12	3/8	27	12,5	12	22	22		31.5	L
34.105.15LR08	15	1/2	29	14	14	27	27		31.5	L
34.105.18LR08	18	1/2	31	14,5	14	27	32		31.5	L
34.105.22LR12	22	3/4	33	16,5	16	32	36		16.0	L
34.105.28LR16	28	1	34	17,5	18	41	41		16.0	L
34.105.35LR20	35	1-1/4	39	17,5	20	50	50		16.0	L
34.105.42LR24	42	1-1/2	42	19	22	55	60		16.0	L
34.105.06SR04	6	1/4	28	13	12	19	17		63.0	S
34.105.08SR04	8	1/4	30	15	12	19	19		63.0	S
34.105.10SR06	10	3/8	31	15	12	22	22		63.0	S
34.105.12SR06	12	3/8	33	17	12	22	24		63.0	S
34.105.14SR08	14	1/2	37	19	14	27	27		63.0	S
34.105.16SR08	16	1/2	37	18,5	14	27	30		40.0	S
34.105.20SR12	20	3/4	42	20,5	16	32	36		40.0	S
34.105.25SR16	25	1	47	23	18	41	46		40.0	S
34.105.30SR20	30	1-1/4	50	23,5	20	50	50		40.0	S
34.105.38SR24	38	1-1/2	57	26	22	55	60		31.5	S
34.105.06LR04	6	1/4	24,5	10	12	19	14		31.5	L
34.105.08LR02	8	1/8	24,5	9,5	8	17	17		31.5	L

also available:

Balfit[®] Stainless Steel 24° Compression Ring

(add an 'S' at the end of the part number; ex: 34.105.06LR04S)

continued on next page

Construction characteristics and dimensions may be changed at any time without prior notice.

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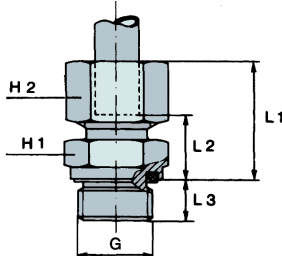
Balfit® Compression Ring Pipe Fittings



continued

Balfit® BSP Male Connector with seal – 34.105.

carbon steel parallel BSP thread male stud 24° compression ring pipe fitting with rubber seal



According to ISO 8434-1 According to DIN 2353

Material: Carbon Steel

Finish: Zinc-plated

part number	Ø tube	thread	dimensions						working pressure	ISO series
			mm	G	L1	L2	L3	H1		
34.105.08LR06	8	3/8	26,5	11,5	12	22	17	31,5	L	
34.105.08LR08	8	1/2	27	12	14	27	17	31,5	L	
34.105.10LR02	10	1/8	25,5	10,5	8	17	19	31,5	L	
34.105.10LR06	10	3/8	27,5	12,5	12	22	19	31,5	L	
34.105.10LR08	10	1/2	28	13	14	27	19	31,5	L	
34.105.12LR04	12	1/4	26,5	12	12	19	22	31,5	L	
34.105.12LR08	12	1/2	27,5	13	14	27	22	31,5	L	
34.105.15LR06	15	3/8	28,5	13,5	12	24	27	31,5	L	
34.105.18SR12	18	3/4	31	14,5	16	32	32	31,5	L	
34.105.12SR08	12	1/2	33,5	17,5	14	27	24	63,0	S	
34.105.14SR06	14	3/8	36,5	18,5	12	24	27	63,0	S	
34.105.16SR06	16	3/8	36,5	18	12	27	30	40,0	S	
34.105.20SR08	20	1/2	42	20,5	14	32	36	40,0	S	
34.105.25SR12	25	3/4	47	23	16	41	46	40,0	S	
34.105.30SR16	30	1	50	23,5	18	50	50	40,0	S	
34.105.08SR06	8	3/8	30,5	15,5	12	22	19	63,0	S	
34.105.10SR04	10	1/4	30,5	14,5	12	19	22	63,0	S	
34.105.10SR08	10	1/2	33,5	17,5	14	27	22	63,0	S	
34.105.12SR04	12	1/4	32,5	16,5	12	22	24	63,0	S	
34.105.16SR12	16	3/4	39	20,5	16	32	30	40,0	S	
34.105.20SR16	20	1	44	22,5	18	41	36	40,0	S	
34.105.38SR20	38	1-1/4	57	26	20	55	60	31,5	S	
34.105.15LR12	15	3/4	30	15	16	32	27	31,5	L	
34.105.22LR08	22	1/2	33	16,5	14	32	36	16,0	L	
34.105.22LR16	22	1	34	17,5	18	41	36	16,0	L	
34.105.28LR12	28	3/4	34	17,5	16	41	41	16,0	L	
34.105.35LR16	35	1	39	17,5	18	50	50	16,0	L	
34.105.06LR06	6	3/8	26	11,5	12	22	14	31,5	L	
34.105.42LR20	42	1-1/4	42	19	20	55	60	16,0	L	

also available:

Balfit® Stainless Steel 24° Compression Ring

(add an 'S' at the end of the part number; ex: 34.105.06LR04S)

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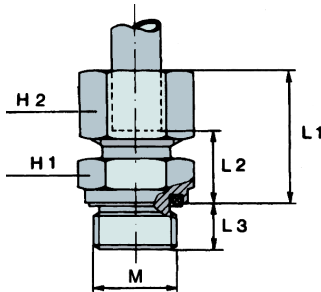
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Balfit[®] Compression Ring Pipe Fittings

Balfit[®] Metric Male Connector with seal – 34.106.

carbon steel parallel Metric thread male stud 24° compression ring pipe fitting with rubber seal



According to **ISO 8434-1** According to **DIN 2353**

Material: Carbon Steel

Finish: Zinc-plated

part number	Ø tube	thread	dimensions						working pressure	ISO series
	mm	G	L1	L2	L3	H1	H2	MPa		
34.106.06LM10	6	10x1	23	8,5	8	14	14	31,5	L	
34.106.08LM12	8	12x1,5	25	10	12	17	17	31,5	L	
34.106.10LM14	10	14x1,5	26	11	12	19	19	31,5	L	
34.106.12LM16	12	16x1,5	27	12,5	12	22	22	31,5	L	
34.106.15LM18	15	18x1,5	29	13,5	12	24	27	31,5	L	
34.106.18LM22	18	22x1,5	31	14,5	14	27	32	31,5	L	
34.106.22LM26	22	26x1,5	33	16,5	16	32	36	16,0	L	
34.106.28LM33	28	33x2	34	17,5	18	41	41	16,0	L	
34.106.35LM42	35	42x2	39	17,5	20	50	50	16,0	L	
34.106.42LM48	42	48x2	42	19	22	55	60	16,0	L	
34.106.06SM12	6	12x1,5	28	13	12	17	17	63,0	S	
34.106.08SM14	8	14x1,5	30	15	12	19	19	63,0	S	
34.106.10SM16	10	16x1,5	31	15	12	22	22	63,0	S	
34.106.12SM18	12	18x1,5	33	17	12	24	24	63,0	S	
34.106.14SM20	14	20x1,5	37	19	14	27	27	63,0	S	
34.106.16SM22	16	22x1,5	37	18,5	14	27	30	40,0	S	
34.106.20SM27	20	27x2	42	20,5	16	32	36	40,0	S	
34.106.25SM33	25	33x2	47	23	18	41	46	40,0	S	
34.106.30SM42	30	42x2	50	23,5	20	50	50	40,0	S	
34.106.38SM48	38	48x2	57	26	22	55	60	31,5	S	
34.106.08LM18	8	18x1,5	26,5	11,5	12	24	17	31,5	L	
34.106.10LM16	10	16x1,5	27,5	12,5	12	22	19	31,5	L	

also available:

Balfit[®] Stainless Steel 24° Compression Ring

(add an 'S' at the end of the part number; ex: 34.106.16SM22S)

continued on next page

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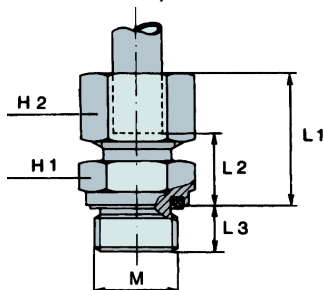
Balfit® Compression Ring Pipe Fittings



continued

Balfit® Metric Male Connector with seal – 34.106.

carbon steel parallel Metric thread male stud 24° compression ring pipe fitting with rubber seal



According to **ISO 8434-1** According to **DIN 2353**

Material: Carbon Steel
Finish: Zinc-plated

part number	Ø tube	thread	dimensions						working pressure	ISO series
			mm	G	L1	L2	L3	H1		
34.106.10LM18	10	18x1,5	27,5	12,5	12	24	19		31.5	L
34.106.10LM22	10	22x1,5	29	14	14	27	19		31.5	L
34.106.12LM14	12	14x1,5	27	12,5	12	19	22		31.5	L
34.106.12LM18	12	18x1,5	27	12,5	12	24	22		31.5	L
34.106.12LM22	12	22x1,5	28,5	14	14	27	22		31.5	L
34.106.15LM16	15	16x1,5	28	13	12	24	27		31.5	L
34.106.15LM22	15	22x1,5	30	15	14	27	27		31.5	L
34.106.18LM18	18	18x1,5	30,5	14	12	27	32		31.5	L
34.106.22LM22	22	22x1,5	33	16,5	14	32	36		16.0	L
34.106.12SM22	12	22x1,5	33,5	17,5	14	27	24		63.0	S
34.106.16SM18	16	18x1,5	36,5	18	12	27	30		40.0	S

also available:

Balfit® Stainless Steel 24° Compression Ring

(add an 'S' at the end of the part number; ex: 34.106.16SM22S)

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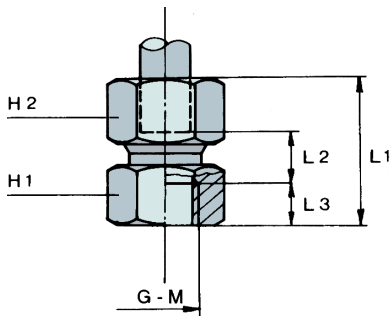
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Balfit® Compression Ring Pipe Fittings

Balfit® BSP Female Connector – 34.107.

carbon steel parallel BSP thread female 24° compression ring pipe fitting



According to **ISO 8434-1** According to **DIN 2353**

Material: Carbon Steel

Finish: Zinc-plated

part number	Ø tube	thread	dimensions						working pressure	ISO series
			mm	G	L1	L2	L3	H1		
34.107.06LR02	6	1/8	33,5	7	12	14	14	31.5	L	
34.107.08LR04	8	1/4	39	7	17	19	17	31.5	L	
34.107.10LR04	10	1/4	40	8	17	19	19	31.5	L	
34.107.12LR06	12	3/8	40,5	9	17	24	22	31.5	L	
34.107.15LR08	15	1/2	46	11	20	27	27	31.5	L	
34.107.18LR08	18	1/2	47	10,5	20	27	32	31.5	L	
34.107.22LR12	22	3/4	52	13,5	22	36	36	16.0	L	
34.107.28LR16	28	1	54	13	24,5	41	41	16.0	L	
34.107.35LR20	35	1-1/4	63	15	26,5	55	50	16.0	L	
34.107.42LR24	42	1-1/2	66	14,5	28,5	60	60	16.0	L	
34.107.06SR04	6	1/4	41	9	17	19	17	63.0	S	
34.107.08SR04	8	1/4	41	9	17	19	19	63.0	S	
34.107.10SR06	10	3/8	42,5	9,5	17	24	22	63.0	S	
34.107.12SR06	12	3/8	42,5	9,5	17	24	24	63.0	S	
34.107.14SR08	14	1/2	50	12	20	30	27	63.0	S	
34.107.16RS08	16	1/2	50	11,5	20	30	30	40.0	S	
34.107.20SR12	20	3/4	56	12,5	22	36	36	40.0	S	
34.107.25SR16	25	1	61	12,5	24,5	41	46	40.0	S	
34.107.30SR20	30	1-1/4	69	16	26,5	55	50	40.0	S	
34.107.38SR24	38	1-1/2	75	15,5	28,5	60	60	31.5	S	

also available:

Balfit® Stainless Steel 24° Compression Ring

(add an 'S' at the end of the part number; ex: 34.107.16RS08)

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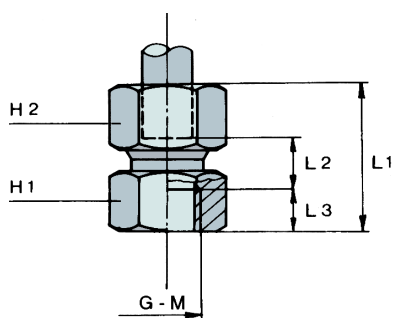
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Balfit® Compression Ring Pipe Fittings



Balfit® Metric Female Connector – 34.108.

carbon steel parallel Metric thread female 24° compression ring pipe fitting



According to **ISO 8434-1** According to **DIN 2353**

Material: Carbon Steel

Finish: Zinc-plated

part number	Ø tube mm	thread G	dimensions						working pressure MPa	ISO series
			L1	L2	L3	H1	H2			
34.108.06LM10	6	10x1	33,5	7	12	14	14	31.5	L	
34.108.08LM12	8	12x1,5	39	7	17	17	17	31.5	L	
34.108.10LM14	10	14x1,5	40	8	17	19	19	31.5	L	
34.108.12LM16	12	16x1,5	40,5	9	17	22	22	31.5	L	
34.108.15LM18	15	18x1,5	46	14	17	24	27	31.5	L	
34.108.18LM22	18	22x1,5	47	11,5	19	30	32	31.5	L	
34.108.22LM26	22	26x1,5	51	13,5	21	32	36	16.0	L	
34.108.28LM33	28	33x2	54	13,5	24	41	41	16.0	L	
34.108.35LM42	35	42x2	62	14,5	26	55	50	16.0	L	
34.108.42LM48	42	48x2	66	15	28	60	60	16.0	L	
34.108.06SM12	6	12x1,5	41	9	17	17	17	63.0	S	
34.108.08SM14	8	14x1,5	41	9	17	19	19	63.0	S	
34.108.10SM16	10	16x1,5	42,5	9,5	17	22	22	63.0	S	
34.108.12SM18	12	18x1,5	42,5	9,5	17	24	24	63.0	S	
34.108.14SM20	14	20x1,5	50	13	19	27	27	63.0	S	
34.108.16SM22	16	22x1,5	50	12,5	19	30	30	40.0	S	
34.108.20SM27	20	27x2	56	12,5	22	36	36	40.0	S	
34.108.06LM10	25	33x2	61	13	24	41	46	40.0	S	
34.108.08LM12	30	42x2	69	16,5	26	55	50	40.0	S	
34.108.10LM14	38	48x2	75	16	28	60	60	31.5	S	

also available:

Balfit® Stainless Steel 24° Compression Ring

(add an 'S' at the end of the part number; ex: 34.108.16SM22)

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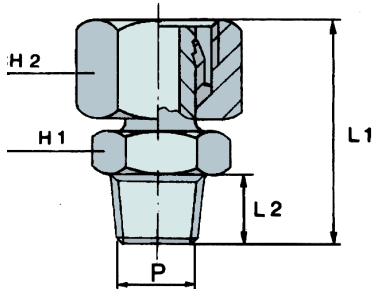
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Balfit[®] Compression Ring Pipe Fittings

Balfit[®] NPTF Male Swivel Adapter – 34.110.

carbon steel NPTF thread male stud 24° swivel adapter



According to **ISO 8434-1** According to **DIN 2353**

Material: Carbon Steel

Finish: Zinc-plated

part number	Ø tube	thread	dimensions						working pressure	ISO series
	mm	G	L1	L2	H1	H2		MPa		
34.110.06LN02	6	1/8	33	10	12	14		31.5	L	
34.110.08LN04	8	1/4	42,5	15	14	17		31.5	L	
34.110.10LN04	10	1/4	40,5	15	14	19		31.5	L	
34.110.12LN06	12	3/8	46,5	15	19	22		31.5	L	
34.110.15LN08	15	1/2	48,5	19,5	22	27		31.5	L	
34.110.18LN08	18	1/2	48	19,5	22	32		31.5	L	
34.110.22LN12	22	3/4	49,5	20	27	36		16.0	L	
34.110.28LN16	28	1	57	25	36	41		16.0	L	
34.110.35LN20	35	1-1/4	65	25,5	46	50		16.0	L	
34.110.42LN24	42	1-1/2	69,5	26	50	60		16.0	L	
34.110.06SN04	6	1/4	40	15	14	17		63.0	S	
34.110.08SN04	8	1/4	42,5	15	14	19		63.0	S	
34.110.10SN06	10	3/8	44,5	15	19	22		63.0	S	
34.110.12SN06	12	3/8	46,5	15	19	24		63.0	S	
34.110.14SN08	14	1/2	53	19,5	22	27		63.0	S	
34.110.16SN08	16	1/2	53,5	19,5	22	30		40.0	S	
34.110.20SN12	20	3/4	60	20	27	36		40.0	S	
34.110.25SN16	25	1	70	25	36	46		40.0	S	
34.110.30SN20	30	1-1/4	73,5	25,5	46	50		40.0	S	
34.110.38SN24	38	1-1/2	83	26	50	60		31.5	S	

also available:

Balfit[®] Stainless Steel 24° Compression Ring

(add an 'S' at the end of the part number; ex: 34.110.16SN08)

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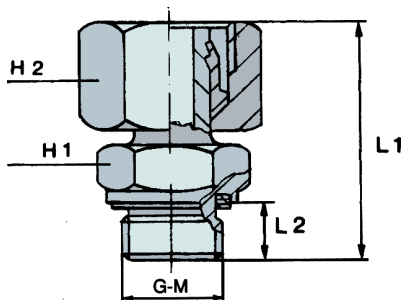
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Balfit® Compression Ring Pipe Fittings



Balfit® BSP Male Swivel Adapter – 34.111.

carbon steel parallel BSP thread male stud 24° swivel adapter



According to **ISO 8434-1** According to **DIN 2353**

Material: Carbon Steel

Finish: Zinc-plated

part number	Ø tube mm	thread G	dimensions						working pressure MPa	ISO series
			L1	L2	H1	H2				
34.111.06LR02	6	1/8	24,5	8	14	14			31.5	L
34.111.08LR04	8	1/4	29,5	12	19	17			31.5	L
34.111.10LR04	10	1/4	27,5	12	19	19			31.5	L
34.111.12LR06	12	3/8	34	12	22	22			31.5	L
34.111.15LR08	15	1/2	32	14	27	27			31.5	L
34.111.18LR08	18	1/2	31,5	14	27	32			31.5	L
34.111.22LR12	22	3/4	32,5	16	32	36			16.0	L
34.111.28LR16	28	1	35	18	41	41			16.0	L
34.111.35LR20	35	1-1/4	42,5	20	50	50			16.0	L
34.111.42LR24	42	1-1/2	46,5	22	55	60			16.0	L
34.111.06SR04	6	1/4	27	12	19	17			63.0	S
34.111.08SR04	8	1/4	29,5	12	19	19			63.0	S
34.111.10SR06	10	3/8	32	12	22	22			63.0	S
34.111.12SR06	12	3/8	34	12	22	24			63.0	S
34.111.14SR08	14	1/2	36,5	14	27	27			63.0	S
34.111.16SR08	16	1/2	37	14	27	30			40.0	S
34.111.20SR12	20	3/4	43	16	32	36			40.0	S
34.111.25SR16	25	1	48	18	41	46			40.0	S
34.111.30SR20	30	1-1/4	51	20	50	50			40.0	S
34.111.38SR24	38	1-1/2	60	22	55	60			31.5	S

also available:

Balfit® Stainless Steel 24° Compression Ring

(add an 'S' at the end of the part number; ex: 34.111.10SR06)

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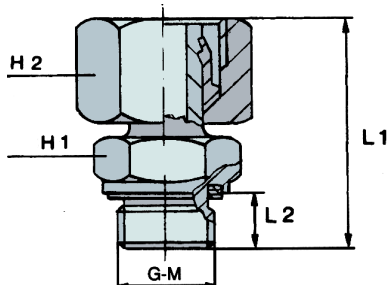
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Balfit® Compression Ring Pipe Fittings

Balfit® Metric Male Swivel Adapter – 34.112.

carbon steel parallel Metric thread male stud 24° swivel adapter



According to **ISO 8434-1** According to **DIN 2353**

Material: Carbon Steel

Finish: Zinc-plated

part number	Ø tube	thread	dimensions						working pressure	ISO series
	mm	G	L1	L2	H1	H2		MPa		
34.112.06LM10	6	10x1	24,5	8	14	14		31.5	L	
34.112.08LM12	8	12x1,5	26,5	12	17	17		31.5	L	
34.112.10LM14	10	14x1,5	27,5	12	19	19		31.5	L	
34.112.12LM16	12	16x1,5	30,5	12	22	22		31.5	L	
34.112.15LM18	15	18x1,5	31,5	12	24	27		31.5	L	
34.112.18LM22	18	22x1,5	31,5	14	27	32		31.5	L	
34.112.22LM26	22	26x1,5	32,5	16	32	36		16.0	L	
34.112.28LM33	28	33x2	35	18	41	41		16.0	L	
34.112.35LM42	35	42x2	42,5	20	50	50		16.0	L	
34.112.42LM48	42	48x2	46,5	22	55	60		16.0	L	
34.112.06SM12	6	12x1,5	27	12	17	17		63.0	S	
34.112.08SM14	8	14x1,5	29,5	12	19	19		63.0	S	
34.112.10SM16	10	16x1,5	32	12	22	22		63.0	S	
34.112.12SM18	12	18x1,5	34	12	24	24		63.0	S	
34.112.14SM20	14	20x1,5	36,5	14	27	27		63.0	S	
34.112.16SM22	16	22x1,5	37	14	27	30		40.0	S	
34.112.20SM27	20	27x2	43	16	32	36		40.0	S	
34.112.25SM33	25	33x2	48	18	41	46		40.0	S	
34.112.30SM42	30	42x2	51	20	50	50		40.0	S	
34.112.38SM48	38	48x2	60	22	55	60		31.5	S	

also available:

Balfit® Stainless Steel 24° Compression Ring

(add an 'S' at the end of the part number; ex: 34.112.06SM12)

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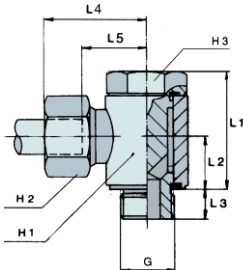
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Balfit® Compression Ring Pipe Fittings



Balfit® BSP Male Stud Banjo Coupling with allow screw – 34.113.

carbon steel parallel BSP thread male stud banjo with allow screw and rubber seal 24° standpipe adapter



According to **ISO 8434-1** According to **DIN 2353**

Material: Carbon Steel

Finish: Zinc-plated

part number	Ø tube	thread	dimensions								working pressure	ISO series
	mm	G	L1	L2	L3	L4	L5	H1	H2	H3	MPa	
34.113.06LR02	6	1/8	24	10,5	8	26,5	12	17	14	17	31.5	L
34.113.08LR04	8	1/4	32	14	12	29,5	14,5	22	17	19	31.5	L
34.113.10LR04	10	1/4	32	14	12	30,5	15,5	22	19	19	31.5	L
34.113.12LR06	12	3/8	38,5	16,5	12	32,5	18	27	22	24	31.5	L
34.113.15LR08	15	1/2	46,5	21,5	14	37	22	32	27	30	31.5	L
34.113.18LR08	18	1/2	46,5	21,5	14	38	21,5	32	32	30	31.5	L
34.113.22LR12	22	3/4	54	24	16	43	26,5	41	36	36	16.0	L
34.113.28LR16	28	1	66,5	30,5	18	47,5	31	50	41	46	16.0	L
34.113.35LR20	35	1-1/4	80	35,5	20	56,5	35	60	50	55	16.0	L
34.113.42LR24	42	1-1/2	90	40,5	22	62,5	39,5	70	60	60	16.0	L
34.113.06SR04	6	1/4	32	14	12	31,5	16,5	22	17	19	63.0	S
34.113.08SR04	8	1/4	32	14	12	31,5	16,5	22	19	19	63.0	S
34.113.10SR06	10	3/8	38,5	16,5	12	34,5	18,5	27	22	24	63.0	S
34.113.12SR06	12	3/8	38,5	16,5	12	34,5	18,5	27	24	24	63.0	S
34.113.14SR08	14	1/2	46,5	21,5	14	41	23	32	27	30	63.0	S
34.113.16SR08	16	1/2	46,5	21,5	14	41	22,5	32	30	30	40.0	S
34.113.20SR12	20	3/4	54	24	16	47	25,5	41	36	36	40.0	S
34.113.25SR16	25	1	66,5	30,5	18	55,5	31,5	50	46	46	40.0	S
34.113.30SR20	30	1-1/4	80	35,5	20	62,5	36	60	50	55	40.0	S
34.113.38SR24	38	1-1/2	90	40,5	22	71,5	40,5	70	60	60	31.5	S

also available:

Balfit® Stainless Steel 24° Compression Ring

(add an 'S' at the end of the part number; ex: 34.113.06SR04)

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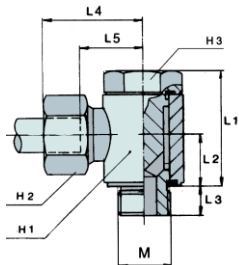
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Balfit[®] Compression Ring Pipe Fittings

Balfit[®] Metric Male Stud Banjo Coupling with allow screw – 34.114.

carbon steel parallel Metric thread male stud banjo with allow screw and rubber seal 24° standpipe adapter



According to **ISO 8434-1** According to **DIN 2353**

Material: Carbon Steel

Finish: Zinc-plated

part number	Ø tube	thread	dimensions								working pressure	ISO series
			mm	M	L1	L2	L3	L4	L5	H1		
34.114.06LM10	6	10x1	24	10,5	8	26,5	12	17	14	17	31.5	L
34.114.08LM12	8	12x1,5	32	14	12	29,5	14,5	22	17	19	31.5	L
34.114.10LM14	10	14x1,5	32	14	12	30,5	15,5	22	19	19	31.5	L
34.114.12LM16	12	16x1,5	38,5	16,5	12	32,5	18	27	22	24	31.5	L
34.114.15LM18	15	18x1,5	42	18,5	12	37	22	32	27	27	31.5	L
34.114.18LM22	18	22x1,5	46,5	21,5	14	38	21,5	32	32	30	31.5	L
34.114.22LM26	22	26x1,5	54	24	16	43	26,5	41	36	36	16.0	L
34.114.28LM33	28	33x2	66,5	30,5	18	47,5	31	50	41	46	16.0	L
34.114.35LM42	35	42x2	80	35,5	20	56,5	35	60	50	55	16.0	L
34.114.42LM48	42	48x2	90	40,5	22	62,5	39,5	70	60	60	16.0	L
34.114.06SM12	6	12x1,5	32	14	12	31,5	16,5	22	17	19	63.0	S
34.114.08SM14	8	14x1,5	32	14	12	31,5	16,5	22	19	19	63.0	S
34.114.10SM16	10	16x1,5	38,5	16,5	12	34,5	18,5	27	22	24	63.0	S
34.114.12SM18	12	18x1,5	42	18,5	12	37,5	21,5	27	24	24	63.0	S
34.114.14SM20	14	20x1,5	45	20	14	41	23	32	27	30	63.0	S
34.114.16SM22	16	22x1,5	46,5	21,5	14	41	22,5	32	30	30	40.0	S
34.114.20SM27	20	27x2	54	24	16	47	25,5	41	36	36	40.0	S
34.114.25SM33	25	33x2	66,5	30,5	18	55,5	31,5	50	46	46	40.0	S
34.114.30SM42	30	42x2	80	35,5	20	62,5	36	60	50	55	40.0	S
34.114.38SM48	38	48x2	90	40,5	22	71,5	40,5	70	60	60	31.5	S

also available:

Balfit[®] Stainless Steel 24° Compression Ring

(add an 'S' at the end of the part number; ex: 34.114.10SM16)

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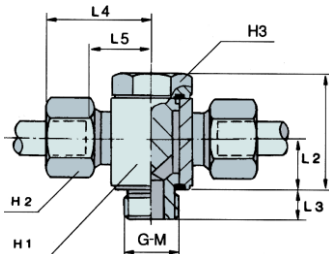
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Balfit® Compression Ring Pipe Fittings



Balfit® BSP Stud T-Banjo Coupling with allow screw – 34.115.

carbon steel parallel BSP thread male stud T-banjo with allow screw and rubber seal 24° standpipe adapter



According to **ISO 8434-1** According to **DIN 2353**

Material: Carbon Steel

Finish: Zinc-plated

part number	Ø tube	thread	dimensions								working pressure	ISO series
	mm	G	L1	L2	L3	L4	L5	H1	H2	H3	MPa	
34.115.06LR02	6	1/8	24	10,5	8	26,5	12	17	14	17	31.5	L
34.115.10LR04	8	1/4	32	14	12	29,5	14,5	22	17	19	31.5	L
34.115.12LR06	10	1/4	32	14	12	30,5	15,5	22	19	19	31.5	L
34.115.15LR08	12	3/8	38,5	16,5	12	32,5	18	27	22	24	31.5	L
34.115.18LR08	15	1/2	46,5	21,5	14	37	22	32	27	30	31.5	L
34.115.10SR06	18	1/2	46,5	21,5	14	38	21,5	32	32	30	31.5	L
34.115.14SR08	22	3/4	54	24	16	43	26,5	41	36	36	16.0	L
34.115.16SR08	28	1	66,5	30,5	18	47,5	31	50	41	46	16.0	L
34.115.20SR12	35	1-1/4	80	35,5	20	56,5	35	60	50	55	16.0	L
34.115.08LR04	42	1-1/2	90	40,5	22	62,5	39,5	70	60	60	16.0	L
34.115.22LR12	6	1/4	32	14	12	31,5	16,5	22	17	19	63.0	S
34.115.28LR16	8	1/4	32	12	12	31,5	16,5	22	19	19	63.0	S
34.115.35LR20	10	3/8	38,5	16,5	12	34,5	18,5	27	22	24	63.0	S
34.115.42LR24	12	3/8	38,5	16,5	12	34,5	18,5	27	24	24	63.0	S
34.115.06SR04	14	1/2	46,5	21,5	14	41	23	32	27	30	63.0	S
34.115.08SR04	16	1/2	46,5	21,5	14	41	22,5	32	30	30	40.0	S
34.115.12SR06	20	3/4	54	24	16	47	25,5	41	36	36	40.0	S
34.115.25SR16	25	1	66,5	30,5	18	55,5	31,5	50	46	46	40.0	S
34.115.30SR20	30	1-1/4	80	35,5	20	62,5	36	60	50	55	40.0	S
34.115.38SR24	38	1-1/2	90	40,5	22	71,5	40,5	70	60	60	31.5	S

also available:

Balfit® Stainless Steel 24° Compression Ring

(add an 'S' at the end of the part number; ex: 34.115.06SR04)

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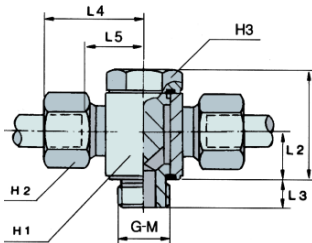
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Balfit® Compression Ring Pipe Fittings

Balfit® Metric Stud T-Banjo Coupling with allow screw – 34.116.

carbon steel parallel Metric thread male stud T-banjo with allow screw and rubber seal 24° standpipe adapter



According to **ISO 8434-1** According to **DIN 2353**

Material: Carbon Steel

Finish: Zinc-plated

part number	Ø tube	thread	dimensions								working pressure	ISO series
	mm	M	L1	L2	L3	L4	L5	H1	H2	H3	MPa	
34.116.06LM10	6	10x1	24	10,5	8	26,5	12	17	14	17	31.5	L
34.116.08LM12	8	12x1,5	32	14	12	29,5	14,5	22	17	19	31.5	L
34.116.10LM14	10	14x1,5	32	14	12	30,5	15,5	22	19	19	31.5	L
34.116.12LM16	12	16x1,5	38,5	16,5	12	32,5	18	27	22	24	31.5	L
34.116.15LM18	15	18x1,5	40	18,5	12	37	22	32	27	27	31.5	L
34.116.18LM22	18	22x1,5	46,5	21,5	14	38	21,5	32	32	30	31.5	L
34.116.22LM26	22	26x1,5	54	24	16	43	26,5	41	36	36	16.0	L
34.116.28LM33	28	33x2	66,5	30,5	18	47,5	31	50	41	46	16.0	L
34.116.35LM42	35	42x2	80	35,5	20	56,5	35	60	50	55	16.0	L
34.116.42LM48	42	48x2	90	40,5	22	62,5	39,5	70	60	60	16.0	L
34.116.06SM12	6	12x1,5	32	14	12	31,5	16,5	22	17	19	63.0	S
34.116.06SM14	8	14x1,5	32	14	12	31,5	16,5	22	19	19	63.0	S
34.116.10SM16	10	16x1,5	38,5	16,5	12	34,5	18,5	27	22	24	63.0	S
34.116.12SM18	12	18x1,5	40	18,5	12	37,5	21,5	32	24	27	63.0	S
34.116.14SM20	14	20x1,5	45	20	14	41	23	32	27	30	63.0	S
34.116.16SM22	16	22x1,5	46,5	21,5	14	41	22,5	32	30	30	40.0	S
34.116.20SM27	20	27x2	54	24	16	47	25,5	41	36	36	40.0	S
34.116.25SM33	25	33x2	66,5	30,5	18	55,5	31,5	50	46	46	40.0	S
34.116.30SM42	30	42x2	80	35,5	20	62,5	36	60	50	55	40.0	S
34.116.38SM48	38	48x2	90	40,5	22	71,5	40,5	70	60	60	31.5	S

also available:

Balfit® Stainless Steel 24° Compression Ring

(add an 'S' at the end of the part number; ex: 34.116.06SM14)

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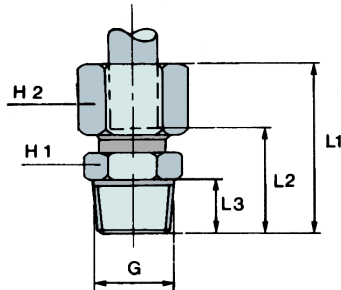
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Balfit® Compression Ring Pipe Fittings



Balfit® BSP Taper Male Connector – 34.117.

carbon steel taper BSP thread male stud 24° standpipe adapter



According to **ISO 8434-1** According to **DIN 2353**

Material: Carbon Steel

Finish: Zinc-plated

part number	Ø tube	thread	dimensions						working pressure	ISO series
	mm	G	L1	L2	L3	H1	H2	MPa		
34.117.06LR02	6	1/8	30	15	8	12	14	31.5	L	
34.117.08LR04	8	1/4	35	20	12	17	17	31.5	L	
34.117.10LR04	10	1/4	36	21	12	17	19	31.5	L	
34.117.12LR06	12	3/8	36,5	22	12	19	22	31.5	L	
34.117.15LR08	15	1/2	40	25	14	24	27	31.5	L	
34.117.18LR08	18	1/2	42	25,5	14	27	32	31.5	L	
34.117.22LR12	22	3/4	46	29,5	16	32	36	16.0	L	
34.117.28LR16	28	1	49	32,5	18	41	41	16.0	L	
34.117.35LR20	35	1-1/4	56	34,5	20	46	50	16.0	L	
34.117.42LR24	42	1-1/2	61	38	22	55	60	16.0	L	
34.117.06SR04	6	1/4	38	23	12	17	17	63.0	S	
34.117.08SR04	8	1/4	40	25	12	17	19	63.0	S	
34.117.10SR06	10	3/8	40,5	24,5	12	19	22	63.0	S	
34.117.12SR06	12	3/8	42,5	26,5	12	22	24	63.0	S	
34.117.14SR08	14	1/2	48	30	14	24	27	63.0	S	
34.117.16SR08	16	1/2	48	29,5	14	27	30	40.0	S	
34.117.20SR12	20	3/4	55	33,5	16	32	36	40.0	S	
34.117.25SR16	25	1	62	38	18	41	46	40.0	S	
34.117.30SR20	30	1-1/4	67	40,5	20	46	50	40.0	S	
34.117.38SR24	38	1-1/2	76	45	22	55	60	31.5	S	
34.117.06LR04	6	1/4	34,5	20	12	14	14	31.5	L	
34.117.08LR02	8	1/8	31	16	8	17	17	31.5	L	

also available:

Balfit® Stainless Steel 24° Compression Ring

(add an 'S' at the end of the part number; ex: 34.117.22LR12)

continued on next page

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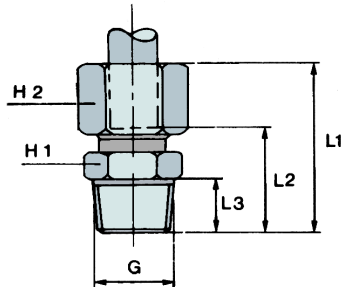


Balfit[®] Compression Ring Pipe Fittings

continued

Balfit[®] BSP Taper Male Connector – 34.117.

carbon steel taper BSP thread male stud 24° standpipe adapter



According to **ISO 8434-1** According to **DIN 2353**

Material: Carbon Steel

Finish: Zinc-plated

part number	Ø tube	thread	dimensions						working pressure	ISO series
	mm	G	L1	L2	L3	H1	H2	MPa		
34.117.08LR06	8	3/8	37	21	12	19	17	31.5	L	
34.117.08LR08	8	1/2	39	23	14	22	17	31.5	L	
34.117.10LR02	10	1/8	32	17	8	17	19	31.5	L	
34.117.10LR06	10	3/8	37	22	12	19	19	31.5	L	
34.117.10LR08	10	1/2	39	24	14	22	19	31.5	L	
34.117.12LR04	12	1/4	36,5	22	12	19	22	31.5	L	
34.117.12LR08	12	1/2	38,5	24	14	22	22	31.5	L	
34.117.15LR06	15	3/8	38	23	12	24	27	31.5	L	
34.117.18LR12	18	3/4	44	27,5	16	32	32	31.5	L	
34.117.12SR08	12	1/2	44,5	28,5	14	24	24	63.0	S	
34.117.14SR06	14	3/8	46	28	12	24	27	63.0	S	
34.117.16SR06	16	3/8	46	27,5	12	27	30	40.0	S	
34.117.20SR08	20	1/2	53	31,5	14	32	36	40.0	S	
34.117.25SR12	25	3/4	60	36	16	41	46	40.0	S	
34.117.30SR16	30	1	65	38,5	18	46	50	40.0	S	

also available:

Balfit[®] Stainless Steel 24° Compression Ring

(add an 'S' at the end of the part number; ex: 34.117.16SR06)

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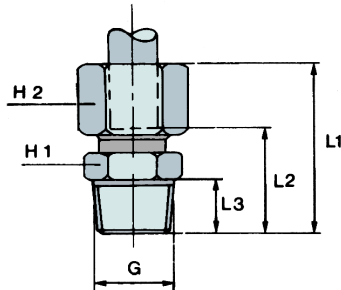
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Balfit® Compression Ring Pipe Fittings



Balfit® NPTF Taper Male Connector – 34.118.

carbon steel NPTF thread male stud 24° standpipe adapter



According to **ISO 8434-1** According to **DIN 2353**

Material: Carbon Steel
Finish: Zinc-plated

part number	Ø tube	thread	dimensions						working pressure	ISO series
			mm	G	L1	L2	L3	H1		
34.118.06LN02	6	1/8	31,5	17	10	12	14	31,5	L	
34.118.08LN04	8	1/4	38	23	15	17	17	31,5	L	
34.118.10LN04	10	1/4	39	24	15	17	19	31,5	L	
34.118.12LN06	12	3/8	39,5	25	15	19	22	31,5	L	
34.118.15LN08	15	1/2	46	31	19,5	24	27	31,5	L	
34.118.18LN08	18	1/2	48	31,5	19,5	27	32	31,5	L	
34.118.22LN12	22	3/4	50	33,5	20	32	36	16,0	L	
34.118.28LN16	28	1	56	39,5	25	41	41	16,0	L	
34.118.35LN20	35	1-1/4	62	40,5	25,5	46	50	16,0	L	
34.118.42LN24	42	1-1/2	65	42	26	55	60	16,0	L	
34.118.06SN04	6	1/4	41	26	15	17	17	63,0	S	
34.118.08SN04	8	1/4	43	28	15	17	19	63,0	S	
34.118.10SN06	10	3/8	43,5	27,5	15	19	22	63,0	S	
34.118.12SN06	12	3/8	45,5	29,5	15	22	24	63,0	S	
34.118.14SN08	14	1/2	54	36	19,5	24	27	63,0	S	
34.118.16SN08	16	1/2	54	35,5	19,5	27	30	40,0	S	
34.118.20SN12	20	3/4	59	37,5	20	32	36	40,0	S	
34.118.25SN16	25	1	69	45	25	41	46	40,0	S	
34.118.30SN20	30	1-1/4	73	46,5	25,5	46	50	40,0	S	
34.118.38SN24	38	1-1/2	80	49	26	55	60	31,5	S	
34.118.06LN04	6	1/4	37,5	23	15	14	14	31,5	L	
34.118.08LN02	8	1/8	33	18	10	17	17	31,5	L	

also available:

Balfit® Stainless Steel 24° Compression Ring

(add an 'S' at the end of the part number; ex: 34.118.12SN06)

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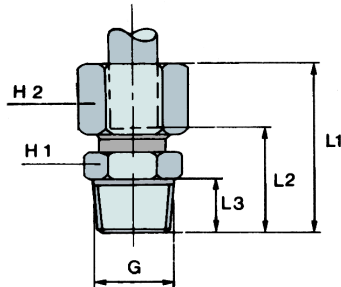


Balfit[®] Compression Ring Pipe Fittings

continued

Balfit[®] NPTF Taper Male Connector – 34.118.

carbon steel NPTF thread male stud 24° standpipe adapter



According to **ISO 8434-1** According to **DIN 2353**

Material: Carbon Steel

Finish: Zinc-plated

part number	Ø tube	thread	dimensions						working pressure	ISO series
	mm	G	L1	L2	L3	H1	H2	MPa		
34.118.08LN06	8	3/8	39	24	15	19	17	31.5	L	
34.118.08LN08	8	1/2	44	29	19,5	22	17	31.5	L	
34.118.10LN02	10	1/8	34	19	10	17	19	31.5	L	
34.118.10LN06	10	3/8	40	25	15	19	19	31.5	L	
34.118.10LN08	10	1/2	45	30	19,5	22	19	31.5	L	
34.118.12LN04	12	1/4	39,5	25	15	19	22	31.5	L	
34.118.12LN08	12	1/2	44,5	30	19,5	22	22	31.5	L	
34.118.15LN06	15	3/8	41	26	15	24	27	31.5	L	
34.118.18LN12	18	3/4	48	31,5	20	32	32	31.5	L	
34.118.12SN08	12	1/2	50,5	34,5	19,5	24	24	63.0	S	
34.118.14SN06	14	3/8	49	31	15	24	27	63.0	S	
34.118.16SN06	16	3/8	49	30,5	15	27	30	40.0	S	
34.118.20SN08	20	1/2	59	37,5	19,5	32	36	40.0	S	
34.118.25SN12	25	3/4	64	40	20	41	46	40.0	S	
34.118.30SN16	30	1	72	45,5	25	46	50	40.0	S	

also available:

Balfit[®] Stainless Steel 24° Compression Ring

(add an 'S' at the end of the part number; ex: 34.118.12SN08)

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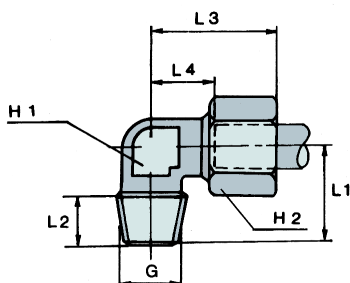
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Balfit® Compression Ring Pipe Fittings



Balfit® BSP Taper Elbow Male Connector – 34.120.

carbon steel taper BSP thread male stud 24° standpipe adapter 90° elbow



According to **ISO 8434-1** According to **DIN 2353**

Material: Carbon Steel
Finish: Zinc-plated

part number	Ø tube	thread	dimensions							working pressure	ISO series
			mm	G	L1	L2	L3	L4	H1		
34.120.06LR02	6	1/8	20	8	27	12	12	14		31.5	L
34.120.08LR04	8	1/4	26	12	29	14	12	17		31.5	L
34.120.10LR04	10	1/4	27	12	30	15	14	19		31.5	L
34.120.12LR06	12	3/8	28	12	32	17	17	22		31.5	L
34.120.15LR08	15	1/2	34	14	36	21	19	27		31.5	L
34.120.18LR08	18	1/2	36	14	40	23,5	24	32		31.5	L
34.120.22LR12	22	3/4	42	16	44	27,5	27	36		16.0	L
34.120.28LR16	28	1	48	18	47	30,5	36	41		16.0	L
34.120.35LR20	35	1-1/4	54	20	56	34,5	41	50		16.0	L
34.120.42LR24	42	1-1/2	61	22	63	40	50	60		16.0	L
34.120.06SR04	6	1/4	26	12	31	16	12	17		63.0	S
34.120.08SR04	8	1/4	27	12	32	17	14	19		63.0	S
34.120.10SR06	10	3/8	28	12	34	17,5	17	22		63.0	S
34.120.12SR06	12	3/8	28	12	38	21,5	17	24		63.0	S
34.120.14SR08	14	1/2	32	14	40	22	19	27		63.0	S
34.120.16SR08	16	1/2	32	14	43	24,5	24	30		40.0	S
34.120.20SR12	20	3/4	42	16	48	26,5	27	36		40.0	S
34.120.25SR16	25	1	48	18	54	30	36	46		40.0	S
34.120.30SR20	30	1-1/4	54	20	62	35,5	41	50		40.0	S
34.120.38SR24	38	1-1/2	61	22	72	41	50	60		31.5	S
34.120.06LR04	6	1 1/4	26	12	29	14	12	14		31.5	L
34.120.08LR02	8	1/8	22	8	29	14	12	17		31.5	L

also available:

Balfit® Stainless Steel 24° Compression Ring

(add an 'S' at the end of the part number; ex: 34.120.12SR06)

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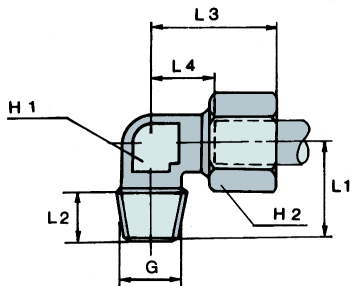


Balfit[®] Compression Ring Pipe Fittings

continued

Balfit[®] BSP Taper Elbow Male Connector – 34.120.

carbon steel taper BSP thread male stud 24° standpipe adapter 90° elbow



According to **ISO 8434-1** According to **DIN 2353**

Material: Carbon Steel

Finish: Zinc-plated

part number	Ø tube	thread	dimensions							working pressure	ISO series
	mm	G	L1	L2	L3	L4	H1	H2	MPa		
34.120.08LR06	8	3/8	28	12	31	16	17	17	31.5	L	
34.120.08LR08	8	1/2	34	14	34	19	19	17	31.5	L	
34.120.10LR02	10	1/8	22	8	30	15	14	19	31.5	L	
34.120.10LR06	10	3/8	28	12	32	17	17	19	31.5	L	
34.120.10LR08	10	1/2	34	14	35	20	19	19	31.5	L	
34.120.12LR04	12	1/4	28	12	32	17	17	22	31.5	L	
34.120.12LR08	12	1/2	34	14	34	20	19	22	31.5	L	
34.120.15LR06	15	3/8	30	12	36	21	19	27	31.5	L	
34.120.18LR12	18	3/4	42	16	43	26,5	27	32	31.5	L	
34.120.12SR08	12	1/2	32	14	37	20,5	19	24	63.0	S	
34.120.14SR06	14	3/8	30	12	40	22	19	27	63.0	S	
34.120.16SR06	16	3/8	37	12	43	24,5	24	30	40.0	S	
34.120.20SR08	20	1/2	36	14	48	26,5	27	36	40.0	S	
34.120.25SR12	25	3/4	42	16	54	30	36	46	40.0	S	
34.120.30SR16	30	1	48	18	62	35,5	41	50	40.0	S	

also available:

Balfit[®] Stainless Steel 24° Compression Ring

(add an 'S' at the end of the part number; ex: 34.120.12SR08)

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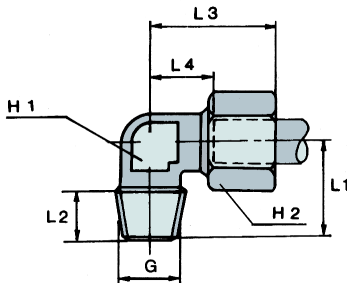
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Balfit® Compression Ring Pipe Fittings



Balfit® NPTF Taper Elbow Male Connector – 34.121.

carbon steel NPTF thread male stud 24° standpipe adapter 90° elbow



According to **ISO 8434-1** According to **DIN 2353**

Material: Carbon Steel
Finish: Zinc-plated

part number	Ø tube	thread	dimensions							working pressure	ISO series
	mm	G	L1	L2	L3	L4	H1	H2	MPa		
34.121.06LN02	6	1/8	20	10	27	12	12	14	31.5	L	
34.121.08LN04	8	1/4	26	15	29	14	12	17	31.5	L	
34.121.10LN04	10	1/4	27	15	30	15	14	19	31.5	L	
34.121.12LN06	12	3/8	28	15	32	17	17	22	31.5	L	
34.121.15LN08	15	1/2	34	19,5	36	21	19	27	31.5	L	
34.121.18LN08	18	1/2	36	19,5	40	23,5	24	32	31.5	L	
34.121.22LN12	22	3/4	42	20	44	27,5	27	36	16.0	L	
34.121.28LN16	28	1	48	25	47	30,5	36	41	16.0	L	
34.121.35LN20	35	1-1/4	54	25,5	56	34,5	41	50	16.0	L	
34.121.42LN24	42	1-1/2	61	26	63	40	50	60	16.0	L	
34.121.06SN04	6	1/4	26	15	31	16	12	17	63.0	S	
34.121.08SN04	8	1/4	27	15	32	17	14	19	63.0	S	
34.121.10SN06	10	3/8	28	15	34	17,5	17	22	63.0	S	
34.121.12SN06	12	3/8	28	15	38	21,5	17	24	63.0	S	
34.121.14SN08	14	1/2	34	19,5	40	22	19	27	63.0	S	
34.121.16SN08	16	1/2	36	19,5	43	24,5	24	30	40.0	S	
34.121.20SN12	20	3/4	42	20	48	26,5	27	36	40.0	S	
34.121.25SN16	25	1	48	25	54	30	36	46	40.0	S	
34.121.30SN20	30	1-1/4	54	25,5	62	35,5	41	50	40.0	S	
34.121.38SN24	38	1-1/2	61	26	72	41	50	60	31.5	S	
34.121.06LN04	6	1/4	26	15	29	14	12	14	31.5	L	
34.121.08LN02	8	1/8	24	10	29	14	12	17	31.5	L	

also available:

Balfit® Stainless Steel 24° Compression Ring

(add an 'S' at the end of the part number; ex: 34.121.12LN06)

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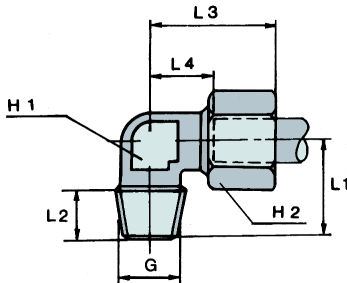


Balfit[®] Compression Ring Pipe Fittings

continued

Balfit[®] NPTF Taper Elbow Male Connector – 34.121.

carbon steel NPTF thread male stud 24° standpipe adapter 90° elbow



According to **ISO 8434-1** According to **DIN 2353**

Material: Carbon Steel

Finish: Zinc-plated

part number	Ø tube	thread	dimensions						working pressure	ISO series
			mm	G	L1	L2	L3	L4		
34.121.08LN06	8	3/8	28	15	31	16	17	17	31.5	L
34.121.08LN08	8	1/2	34	19,5	34	19	19	17	31.5	L
34.121.10LN02	10	1/8	24	10	30	15	14	19	31.5	L
34.121.10LN06	10	3/8	28	15	32	17	17	19	31.5	L
34.121.10LN08	10	1/2	34	19,5	35	20	19	19	31.5	L
34.121.12LN04	12	1/4	28	15	32	17	17	22	31.5	L
34.121.12LN08	12	1/2	34	19,5	35	20	19	22	31.5	L
34.121.15LN06	15	3/8	33	15	36	21	19	27	31.5	L
34.121.18LN12	18	3/4	42	20	43	26,5	27	32	31.5	L
34.121.12SN08	12	1/2	34	19,5	37	20,5	19	24	63.0	S
34.121.14SN06	14	3/8	33	15	40	22	19	27	63.0	S
34.121.16SN06	16	3/8	37	15	43	24,5	24	30	40.0	S
34.121.20SN08	20	1/2	42	19,5	48	26,5	27	36	40.0	S
34.121.25SN12	25	3/4	46	20	54	30	36	46	40.0	S
34.121.30SN16	30	1	55	25	62	35,5	41	50	40.0	S

also available:

Balfit[®] Stainless Steel 24° Compression Ring

(add an 'S' at the end of the part number; ex: 34.121.12LN04)

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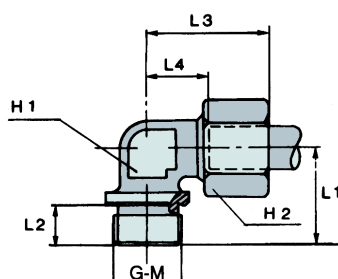
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Balfit® Compression Ring Pipe Fittings



Balfit® BSP Elbow Male Connector – 34.123.

carbon steel parallel BSP thread male stud 24° standpipe adapter 90° elbow



According to **ISO 8434-1** According to **DIN 2353**

Material: Carbon Steel

Finish: Zinc-plated

part number	Ø tube	thread	dimensions							working pressure	ISO series
	mm	G	L1	L2	L3	L4	H1	H2	MPa		
34.123.22LR12	22	3/4	43,5	15	44	27,5	27	36	16.0	L	
34.123.28LR16	28	1	49	17	47	30,5	36	41	16.0	L	
34.123.35LR20	35	1-1/4	57	19	56	34,5	41	50	16.0	L	
34.123.42LR24	42	1-1/2	64	20	63	40	50	60	16.0	L	
34.123.20SR12	20	3/4	43,5	15	48	26,5	27	36	40.0	S	
34.123.25SR16	25	1	49	17	54	30	36	46	40.0	S	
34.123.30SR20	30	1-1/4	57	19	62	35,5	41	50	40.0	S	
34.123.38SR24	38	1-1/2	64	20	72	41	50	60	31.5	S	

also available:

Balfit® Stainless Steel 24° Compression Ring

(add an 'S' at the end of the part number; ex: 34.123.20SR12)

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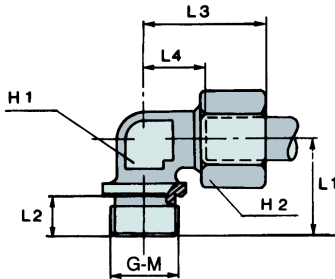
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Balfit[®] Compression Ring Pipe Fittings

Balfit[®] Metric Taper Elbow Male Connector – 34.124.

carbon steel parallel Metric thread male stud 24° standpipe adapter 90° elbow



According to **ISO 8434-1** According to **DIN 2353**

Material: Carbon Steel

Finish: Zinc-plated

part number	Ø tube	thread	dimensions						working pressure	ISO series
	mm	M	L1	L2	L3	L4	H1	H2	MPa	
34.124.22LM26	22	26x1,5	43,5	15	44	27,5	27	36	16.0	L
34.124.28LM33	28	33x2	49	17	47	30,5	36	41	16.0	L
34.124.35LM42	35	42x2	57	19	56	34,5	41	50	16.0	L
34.124.42LM48	42	48x2	64	20	63	40	50	60	16.0	L
34.124.20LM27	20	27x2	43,5	15	48	26,5	27	36	40.0	L
34.124.25LM33	25	33x2	49	17	54	30	36	46	40.0	L
34.124.30SM42	30	42x2	57	19	62	35,5	41	50	40.0	S
34.124.38SM48	38	48x2	64	20	72	41	50	60	31.5	S

also available:

Balfit[®] Stainless Steel 24° Compression Ring

(add an 'S' at the end of the part number; ex: 34.124.25LM33)

Construction characteristics and dimensions may be changed at any time without prior notice.

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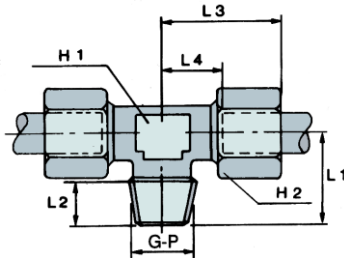
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Balfit® Compression Ring Pipe Fittings



Balfit® BSP Taper Male Branch Tee – 34.125.

carbon steel taper BSP thread male stud 24° standpipe adapter branch tee



According to **ISO 8434-1** According to **DIN 2353**

Material: Carbon Steel
Finish: Zinc-plated

part number	Ø tube	thread	dimensions						working pressure	ISO series
	mm	G	L1	L2	L3	L4	H1	H2	MPa	
34.125.06LR02	6	1/8	20	8	27	12	12	14	31.5	L
34.125.08LR04	8	1/4	26	12	29	14	12	17	31.5	L
34.125.10LR04	10	1/4	27	12	30	15	14	19	31.5	L
34.125.12LR06	12	3/8	28	12	32	17	17	22	31.5	L
34.125.15LR08	15	1/2	34	14	36	21	19	27	31.5	L
34.125.18LR08	18	1/2	36	14	40	23,5	24	32	31.5	L
34.125.22LR12	22	3/4	42	16	44	27,5	27	36	16.0	L
34.125.28LR16	28	1	48	18	47	30,5	36	41	16.0	L
34.125.35LR20	35	1-1/4	54	20	56	34,5	41	50	16.0	L
34.125.42LR24	42	1-1/2	61	22	63	40	50	60	16.0	L
34.125.06SR04	6	1/4	26	12	31	16	12	17	63.0	S
34.125.08SR04	8	1/4	27	12	32	17	14	19	63.0	S
34.125.10SR06	10	3/8	28	12	34	17,5	17	22	63.0	S
34.125.12SR06	12	3/8	28	12	38	21,5	17	24	63.0	S
34.125.14SR08	14	1/2	32	14	40	22	19	27	63.0	S
34.125.16SR08	16	1/2	32	14	43	24,5	24	30	40.0	S
34.125.20SR12	20	3/4	42	16	48	26,5	27	36	40.0	S
34.125.25LR16	25	1	48	18	54	30	36	46	40.0	S
34.125.30SR20	30	1-1/4	54	20	62	35,5	41	50	40.0	S
34.125.38SR24	38	1-1/2	61	22	72	41	50	60	31.5	S

also available:

Balfit® Stainless Steel 24° Compression Ring

(add an 'S' at the end of the part number; ex: 34.125.22LR12)

Construction characteristics and dimensions may be changed at any time without prior notice.

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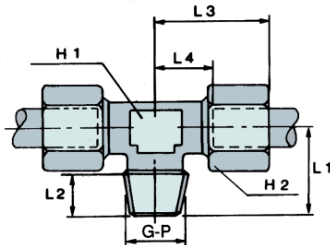
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Balfit[®] Compression Ring Pipe Fittings

Balfit[®] NPTF Male Branch Tee – 34.126.

carbon steel NPTF thread male stud 24° standpipe adapter branch tee



According to **ISO 8434-1** According to **DIN 2353**

Material: Carbon Steel

Finish: Zinc-plated

part number	Ø tube	thread	dimensions							working pressure	ISO series
	mm	G	L1	L2	L3	L4	H1	H2	MPa		
34.126.06LN02	6	1/8	20	10	27	12	12	14	31.5	L	
34.126.08LN04	8	1/4	26	15	29	14	12	17	31.5	L	
34.126.10LN04	10	1/4	27	15	30	15	14	19	31.5	L	
34.126.12LN06	12	3/8	28	15	32	17	17	22	31.5	L	
34.126.15LN08	15	1/2	34	19,5	36	21	19	27	31.5	L	
34.126.18LN08	18	1/2	36	19,5	40	23,5	24	32	31.5	L	
34.126.22LN12	22	3/4	42	20	44	27,5	27	36	16.0	L	
34.126.28LN16	28	1	48	25	47	30,5	36	41	16.0	L	
34.126.35LN20	35	1-1/4	54	25,5	56	34,5	41	50	16.0	L	
34.126.42LN24	42	1-1/2	61	26	63	40	50	60	16.0	L	
34.126.06SN04	6	1/4	26	15	31	16	12	17	63.0	S	
34.126.08SN04	8	1/4	27	15	32	17	14	19	63.0	S	
34.126.10SN06	10	3/8	28	15	34	17,5	17	22	63.0	S	
34.126.12SN06	12	3/8	28	15	38	21,5	17	24	63.0	S	
34.126.14SN08	14	1/2	34	19,5	40	22	19	27	63.0	S	
34.126.16SN08	16	1/2	36	19,5	43	24,5	24	30	40.0	S	
34.126.20SN12	20	3/4	42	20	48	26,5	27	36	40.0	S	
34.126.25SN16	25	1	48	25	54	30	36	46	40.0	S	
34.126.30SN20	30	1-1/4	54	25,5	62	35,5	41	50	40.0	S	
34.126.38SN24	38	1-1/2	61	26	72	41	50	60	31.5	S	

also available:

Balfit[®] Stainless Steel 24° Compression Ring

(add an 'S' at the end of the part number; ex: 34.126.22LN12)

Construction characteristics and dimensions may be changed at any time without prior notice.

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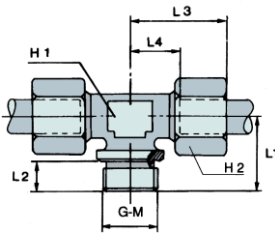


Balfit® BSP Male Branch Tee – 34.128.

carbon steel parallel BSP thread male stud 24° standpipe adapter branch tee

Balfit® Metric Taper Male Branch Tee – 34.129.

carbon steel parallel Metric thread male stud 24° standpipe adapter branch tee



According to **ISO 8434-1** According to **DIN 2353**

Material: Carbon Steel
Finish: Zinc-plated

part number	Ø tube	thread	dimensions						working pressure	ISO series
	mm	G	L1	L2	L3	L4	H1	H2	MPa	
34.128.22LR12	22	3/4	43,5	15	44	27,5	27	36	16.0	L
34.128.28LR16	28	1	49	17	47	30,5	36	41	16.0	L
34.128.35LR20	35	1-1/4	57	19	56	34,5	41	50	16.0	L
34.128.42LR24	42	1-1/2	64	20	63	40	50	60	16.0	L
34.128.20SR12	20	3/4	43,5	15	48	26,5	27	36	40.0	S
34.128.25SR16	25	1	49	17	54	30	36	46	40.0	S
34.128.30SR20	30	1-1/4	57	19	62	35,5	41	50	40.0	S
34.128.38SR24	38	1-1/2	64	20	72	41	50	60	31.5	S
34.129.22LM26	22	26x 1,5	43,5	15	44	27,5	27	36	16.0	L
34.129.28LM33	28	33x2	49	17	47	30,5	36	41	16.0	L
34.129.35LM42	35	42x2	57	19	56	34,5	41	50	16.0	L
34.129.42LM48	42	48x2	64	20	63	40	50	60	16.0	L
34.129.20SM27	20	27x2	43,5	15	48	26,5	27	36	40.0	S
34.129.25SM33	25	33x2	49	17	54	30	36	46	40.0	S
34.129.30SM42	30	42x2	57	19	62	35,5	41	50	40.0	S
34.129.38SM48	38	48x2	64	20	72	41	50	60	31.5	S

also available:

Balfit® Stainless Steel 24° Compression Ring

(add an 'S' at the end of the part number; ex: 34.128.20SR12)

Balfit® Stainless Steel 24° Compression Ring

(add an 'S' at the end of the part number; ex: 34.129.20SM27)

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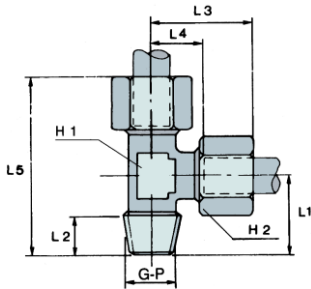
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Balfit® Compression Ring Pipe Fittings

Balfit® BSP Taper Male Run Tee – 34.130.

carbon steel taper BSP thread male stud 24° standpipe adapter run tee



According to **ISO 8434-1** According to **DIN 2353**

Material: Carbon Steel

Finish: Zinc-plated

part number	Ø tube	thread	dimensions							working pressure	ISO series
			mm	G	L1	L2	L3	L4	L5		
34.130.06LR02	6	1/8	20	8	27	12	47	12	14	31.5	L
34.130.08LR04	8	1/4	26	12	29	14	55	12	17	31.5	L
34.130.10LR04	10	1/4	27	12	30	15	57	14	19	31.5	L
34.130.12LR06	12	3/8	28	12	32	17	60	17	22	31.5	L
34.130.15LR08	15	1/2	34	14	36	21	70	19	27	31.5	L
34.130.18LR08	18	1/2	36	14	40	23,5	76	24	32	31.5	L
34.130.22LR12	22	3/4	42	16	44	27,5	86	27	36	16.0	L
34.130.28LR16	28	1	48	18	47	30,5	95	36	41	16.0	L
34.130.35LR20	35	1-1/4	54	20	56	34,5	110	41	50	16.0	L
34.130.42LR24	42	1-1/2	61	22	63	40	124	50	60	16.0	L
34.130.06SR04	6	1/4	26	12	31	16	57	12	17	63.0	S
34.130.08SR04	8	1/4	27	12	32	17	59	14	19	63.0	S
34.130.10SR06	10	3/8	28	12	34	17,5	62	17	22	63.0	S
34.130.12SR06	12	3/8	28	12	38	21,5	66	17	24	63.0	S
34.130.14SR08	14	1/2	32	14	40	22	72	19	27	63.0	S
34.130.16SR08	16	1/2	32	14	43	24,5	75	24	30	40.0	S
34.130.20SR12	20	3/4	42	16	48	26,5	90	27	36	40.0	S
34.130.25SR16	25	1	48	18	54	30	102	36	46	40.0	S
34.130.30SR20	30	1-1/4	54	20	62	35,5	116	41	50	40.0	S
34.130.38SR24	38	1-1/2	61	22	72	41	133	50	60	31.5	S

also available:

Balfit® Stainless Steel 24° Compression Ring

(add an 'S' at the end of the part number; ex: 34.130.12SR06)

Construction characteristics and dimensions may be changed at any time without prior notice.

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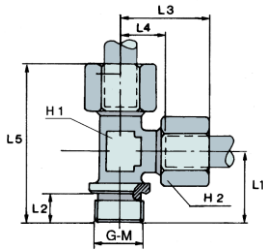


Balfit® BSP Male Run Tee – 34.133.

carbon steel parallel BSP thread male stud 24° adapter run tee

Balfit® Metric Taper Male Run Tee – 34.134.

carbon steel parallel Metric thread male stud 24° adapter run tee



According to **ISO 8434-1** According to **DIN 2353**

Material: Carbon Steel
Finish: Zinc-plated

part number	Ø tube	thread	dimensions							working pressure	ISO series
	mm	G / M	L1	L2	L3	L4	L5	H1	H2	MPa	
34.133.22LR12	22	3/4	43,5	15	44	27,5	87,5	27	36	16.0	L
34.133.28LR16	28	1	49	17	47	30,5	96	36	41	16.0	L
34.133.35LR20	35	1-1/4	57	19	56	34,5	113	41	50	16.0	L
34.133.42LR24	42	1-1/2	64	20	63	40	127	50	60	16.0	L
34.133.20SR12	20	3/4	43,5	15	48	26,5	91,5	27	36	40.0	S
34.133.25SR16	25	1	49	17	54	30	103	36	46	40.0	S
34.133.30SR20	30	1-1/4	57	19	62	35,5	119	41	50	40.0	S
34.133.38SR24	38	1-1/2	64	20	72	41	136	50	60	31.5	S
34.134.22LM26	22	26x1,5	43,5	15	44	27,5	87,5	27	36	16.0	L
34.134.28LM33	28	33x2	49	17	47	30,5	96	36	41	16.0	L
34.134.35LM42	35	42x2	57	19	56	34,5	113	41	50	16.0	L
34.134.42LM48	42	48x2	64	20	63	40	127	50	60	16.0	L
34.134.20SM27	20	27x2	43,5	15	48	26,5	91,5	27	36	40.0	S
34.134.25SM33	25	33x2	49	17	54	30	103	36	46	40.0	S
34.134.30SM42	30	42x2	57	19	62	35,5	119	41	50	40.0	S
34.134.38SM48	38	48x2	64	20	72	41	136	50	60	31.5	S

also available:

Balfit® Stainless Steel 24° Compression Ring

(add an 'S' at the end of the part number; ex: 34.133.28LR16)

Balfit® Stainless Steel 24° Compression Ring

(add an 'S' at the end of the part number; ex: 34.134.42LM48)

Construction characteristics and dimensions may be changed at any time without prior notice.

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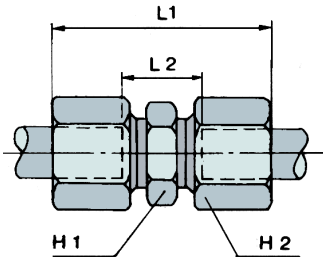
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Balfit® Compression Ring Pipe Fittings

Balfit® Straight Union – 34.135.

carbon steel straight 24° compression ring connector



According to **ISO 8434-1** According to **DIN 2353**

Material: Carbon Steel

Finish: Zinc-plated

part number	Ø tube	thread	dimensions						working pressure	ISO series
	mm	G	L1	L2	H1	H2		MPa		
34.135.06L	6		39	10	10	12		31.5	L	
34.135.08L	8		40	11	11	14		31.5	L	
34.135.10L	10		42	13	13	17		31.5	L	
34.135.12L	12		43	14	14	19		31.5	L	
34.135.15L	15		46	16	16	24		31.5	L	
34.135.18L	18		48	16	16	27		31.5	L	
34.135.22L	22		52	20	20	32		16.0	L	
34.135.28L	28		54	21	21	41		16.0	L	
34.135.35L	35		63	20	20	46		16.0	L	
34.135.42L	42		66	21	21	55		16.0	L	
34.135.06S	6		45	16	16	14		63.0	S	
34.135.08S	8		47	18	18	17		63.0	S	
34.135.10S	10		49	17	17	19		63.0	S	
34.135.12S	12		51	19	19	22		63.0	S	
34.135.14S	14		57	22	22	24		63.0	S	
34.135.16S	16		57	21	21	27		40.0	S	
34.135.20S	20		66	23	23	32		40.0	S	
34.135.25S	25		74	26	26	41		40.0	S	
34.135.30S	30		80	27	27	46		40.0	S	
34.135.38S	38		90	29	29	55		31.5	S	

also available:

Balfit® Stainless Steel 24° Compression Ring

(add an 'S' at the end of the part number; ex: 34.135.12S)

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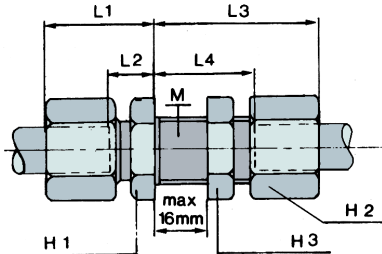
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Balfit® Compression Ring Pipe Fittings



Balfit® Straight Bulkhead Union – 34.136.

carbon steel Metric thread straight 24° compression ring bulkhead connector



According to **ISO 8434-1** According to **DIN 2353**

Material: Carbon Steel

Finish: Zinc-plated

part number	Ø tube mm	thread M	dimensions							working pressure MPa	ISO series
			L1	L2	L3	L4	H1	H2	H3		
34.136.06LM12	6	12x1,5	22	7	42	27	17	14	17	31.5	L
34.136.08LM14	8	14x1,5	23	8	42	27	19	17	19	31.5	L
34.136.10LM16	10	16x1,5	25	10	43	28	22	19	22	31.5	L
34.136.12LM18	12	18x1,5	25	10	44	29	24	22	24	31.5	L
34.136.15LM22	15	22x1,5	27	12	46	31	27	27	30	31.5	L
34.136.18LM26	18	26x1,5	30	13,5	49	32,5	32	32	36	31.5	L
34.136.22LM30	22	30x2	33	16,5	51	34,5	36	36	41	16.0	L
34.136.28LM36	28	36x2	35	18,5	52	35,5	41	41	46	16.0	L
34.136.35LM45	35	45x2	40	18,5	58	36,5	50	50	55	16.0	L
34.136.42LM52	42	52x2	42	19	59	36	60	60	65	16.0	L
34.136.06SM14	6	14x1,5	27	12	44	29	19	17	19	63.0	S
34.136.08SM16	8	16x1,5	28	13	44	29	22	19	22	63.0	S
34.136.10SM18	10	18x1,5	31	14,5	46	29,5	24	22	24	63.0	S
34.136.12SM20	12	20x1,5	31	14,5	47	30,5	27	24	27	63.0	S
34.136.14SM22	14	22x1,5	35	17	50	32	30	27	30	63.0	S
34.136.16SM24	16	24x1,5	35	16,5	50	31,5	32	30	32	40.0	S
34.136.20SM30	20	30x2	39	17,5	55	33,5	41	36	41	40.0	S
34.136.25SM36	25	36x2	44	20	59	35	46	46	46	40.0	S
34.136.30SM42	30	42x2	48	21,5	64	37,5	50	50	50	40.0	S
34.136.38SM52	38	52x2	53	22	68	37	65	60	65	31.5	S

also available:

Balfit® Stainless Steel 24° Compression Ring

(add an 'S' at the end of the part number; ex: 34.136.25SM36)

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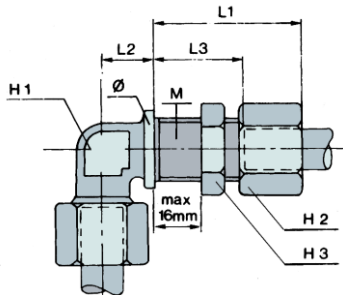
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Balfit® Compression Ring Pipe Fittings

Balfit® Elbow Bulkhead Union – 34.137.

carbon steel Metric thread 90° elbow 24° compression ring bulkhead connector



According to **ISO 8434-1** According to **DIN 2353**

Material: Carbon Steel

Finish: Zinc-plated

part number	Ø tube	thread	dimensions							working pressure	ISO series
	mm	M	L1	L2	L3	L4	H1	H2	H3	MPa	
34.137.06L	6	12x1,5	42	14	27	17	12	14	17	31.5	L
34.137.08L	8	14x1,5	42	17	27	19	12	17	19	31.5	L
34.137.10L	10	16x1,5	43	18	28	22	14	19	22	31.5	L
34.137.12L	12	18x1,5	44	20	29	24	17	22	24	31.5	L
34.137.15L	15	22x1,5	46	23	31	27	19	27	30	31.5	L
34.137.18L	18	26x1,5	49	24	32,5	32	24	32	36	31.5	L
34.137.22L	22	30x2	51	30	34,5	36	27	36	41	16.0	L
34.137.28L	28	36x2	52	34	35,5	42	36	41	46	16.0	L
34.137.35L	35	45x2	58	39	36,5	50	41	50	55	16.0	L
34.137.42L	42	52x2	59	43	36	60	50	60	65	16.0	L
34.137.06S	6	14x1,5	44	17	29	19	12	17	19	63.0	S
34.137.08S	8	16x1,5	44	18	29	22	14	19	22	63.0	S
34.137.10S	10	18x1,5	46	20	29,5	24	17	22	24	63.0	S
34.137.12S	12	20x1,5	47	21	30,5	27	17	24	27	63.0	S
34.137.14S	14	22x1,5	50	23	32	27	19	27	30	63.0	S
34.137.16S	16	24x1,5	50	24	31,5	30	24	30	32	40.0	S
34.137.20S	20	30x2	55	30	33,5	36	27	36	41	40.0	S
34.137.25S	25	36x2	59	34	35	42	36	46	46	40.0	S
34.137.30S	30	42x2	64	39	37,5	50	41	50	50	40.0	S
34.137.38S	38	52x2	68	43	37	60	50	60	65	31.5	S

also available:

Balfit® Stainless Steel 24° Compression Ring

(add an 'S' at the end of the part number; ex: 34.137.12S)

Construction characteristics and dimensions may be changed at any time without prior notice.

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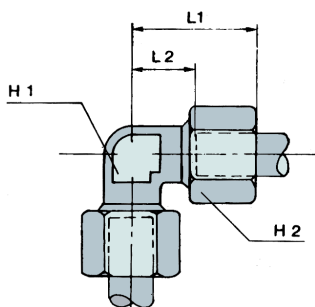
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Balfit® Compression Ring Pipe Fittings



Balfit® Elbow Standpipe Union – 34.138.

carbon steel 90° elbow 24° compression ring standpipe connector



According to **ISO 8434-1** According to **DIN 2353**

Material: Carbon Steel

Finish: Zinc-plated

part number	Ø tube mm	thread	dimensions						working pressure MPa	ISO series
			L1	L2	H1	H2				
34.138.06L	6		27	12	12	14			31.5	L
34.138.08L	8		29	14	12	17			31.5	L
34.138.10L	10		30	15	14	19			31.5	L
34.138.12L	12		32	17	17	22			31.5	L
34.138.15L	15		36	21	19	27			31.5	L
34.138.18L	18		40	23,5	24	32			31.5	L
34.138.22L	22		44	27,5	27	36			16.0	L
34.138.28L	28		47	30,5	36	41			16.0	L
34.138.35L	35		56	34,5	41	50			16.0	L
34.138.42L	42		63	40	50	60			16.0	L
34.138.06S	6		31	16	12	17			63.0	S
34.138.08S	8		32	17	14	19			63.0	S
34.138.10S	10		34	17,5	17	22			63.0	S
34.138.12S	12		38	21,5	17	24			63.0	S
34.138.14S	14		40	22	19	27			63.0	S
34.138.16S	16		43	24,5	24	30			40.0	S
34.138.20S	20		48	26,5	27	36			40.0	S
34.138.25S	25		54	30	36	46			40.0	S
34.138.30S	30		62	35,5	41	50			40.0	S
34.138.38S	38		72	41	50	60			31.5	S

also available:

Balfit® Stainless Steel 24° Compression Ring

(add an 'S' at the end of the part number; ex: 34.138.12S)

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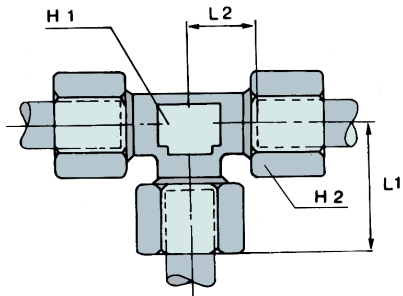
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Balfit® Compression Ring Pipe Fittings

Balfit® Tee Standpipe Union – 34.139.

carbon steel equal tee 24° compression ring standpipe connector



According to **ISO 8434-1** According to **DIN 2353**

Material: Carbon Steel

Finish: Zinc-plated

part number	Ø tube	thread	dimensions						working pressure	ISO series
	mm		L1	L2	H1	H2	MPa			
34.139.06L	6		27	12	12	14		31.5	L	
34.139.08L	8		29	14	12	17		31.5	L	
34.139.10L	10		30	15	14	19		31.5	L	
34.139.12L	12		32	17	17	22		31.5	L	
34.139.15L	15		36	21	19	27		31.5	L	
34.139.18L	18		40	23,5	24	32		31.5	L	
34.139.22L	22		44	27,5	27	36		16.0	L	
34.139.28L	28		47	30,5	36	41		16.0	L	
34.139.35L	35		56	34,5	41	50		16.0	L	
34.139.42L	42		63	40	50	60		16.0	L	
34.139.06S	6		31	16	12	17		63.0	S	
34.139.08S	8		32	17	14	19		63.0	S	
34.139.10S	10		34	17,5	17	22		63.0	S	
34.139.12S	12		38	21,5	17	24		63.0	S	
34.139.14S	14		40	22	19	27		63.0	S	
34.139.16S	16		43	24,5	24	30		40.0	S	
34.139.20S	20		48	26,5	27	36		40.0	S	
34.139.25S	25		54	30	36	46		40.0	S	
34.139.30S	30		62	35,5	41	50		40.0	S	
34.139.38S	38		72	41	50	60		31.5	S	

also available:

Balfit® Stainless Steel 24° Compression Ring

(add an 'S' at the end of the part number; ex: 34.139.12S)

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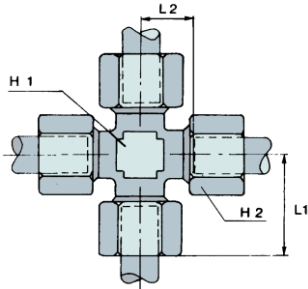
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Balfit® Compression Ring Pipe Fittings



Balfit® Cross Standpipe Union – 34.140.

carbon steel cross 24° compression ring standpipe connector



According to **ISO 8434-1** According to **DIN 2353**

Material: Carbon Steel

Finish: Zinc-plated

part number	Ø tube	thread	dimensions						working pressure	ISO series
	mm		L1	L2	H1	H2	MPa			
34.140.06L	6		27	12		12	14		31.5	L
34.140.08L	8		29	14		12	17		31.5	L
34.140.10L	10		30	15		14	19		31.5	L
34.140.12L	12		32	17		17	22		31.5	L
34.140.15L	15		36	21		19	27		31.5	L
34.140.18L	18		40	23,5		24	32		31.5	L
34.140.22L	22		44	27,5		27	36		16.0	L
34.140.28L	28		47	30,5		36	41		16.0	L
34.140.35L	35		56	34,5		41	50		16.0	L
34.140.42L	42		63	40		50	60		16.0	L
34.140.06S	6		31	16		12	17		63.0	S
34.140.08S	8		32	17		14	19		63.0	S
34.140.10S	10		34	17,5		17	22		63.0	S
34.140.12S	12		38	21,5		17	24		63.0	S
34.140.14S	14		40	22		19	27		63.0	S
34.140.16S	16		43	24,5		24	30		40.0	S
34.140.20S	20		48	26,5		27	36		40.0	S
34.140.25S	25		54	30		36	46		40.0	S
34.140.30S	30		62	35,5		41	50		40.0	S
34.140.38S	38		72	41		50	60		31.5	S

also available:

Balfit® Stainless Steel 24° Compression Ring

(add an 'S' at the end of the part number; ex: 34.140.12S)

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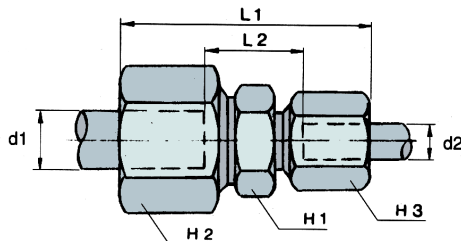
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Balfit® Compression Ring Pipe Fittings

Balfit® Straight Reducing Connector – 34.141.

carbon steel Metric thread straight reducing 24° compression ring standpipe connector



According to **ISO 8434-1** According to **DIN 2353**

Material: Carbon Steel

Finish: Zinc-plated

part number	Ø tube		dimensions						working pressure MPa	ISO series
	d1	d2	L1	L2	H1	H2	H3			
34.141.0806L	8	6	40,5	11	14	17	14	31.5	L	
34.141.1006L	10	6	41,5	12	17	19	14	31.5	L	
34.141.1008L	10	8	42	12	17	19	17	31.5	L	
34.141.1206L	12	6	42	13	19	22	14	31.5	L	
34.141.1208L	12	8	42,5	13	19	22	17	31.5	L	
34.141.1210L	12	10	43,5	14	19	22	19	31.5	L	
34.141.1510L	15	10	45	15	24	27	19	31.5	L	
34.141.1512L	15	12	44,5	15	24	27	22	31.5	L	
34.141.1810L	18	10	47	15,5	27	32	19	31.5	L	
34.141.1812L	18	12	46,5	15,5	27	32	22	31.5	L	
34.141.1815L	18	15	48	16,5	27	32	27	16.0	L	
34.141.1812L	22	12	48,5	17,5	32	36	22	31.5	L	
34.141.2215L	22	15	50	18,5	32	36	27	16.0	L	
34.141.2218L	22	18	51	18	32	36	32	16.0	L	
34.141.2818L	28	18	52	19	41	41	32	16.0	L	
34.141.2822L	28	22	54	21	41	41	36	16.0	L	
34.141.3522L	35	22	59	21	46	50	36	16.0	L	
34.141.3528L	35	28	59	21	46	50	41	16.0	L	
34.141.0806S	8	6	48	18	17	19	17	63.0	S	
34.141.1006S	10	6	48,5	17,5	19	22	17	63.0	S	
34.141.1008S	10	8	48,5	17,5	19	22	19	63.0	S	
34.141.1206S	12	6	50,5	19,5	22	24	17	63.0	S	

also available:

Balfit® Stainless Steel 24° Compression Ring

(add an 'S' at the end of the part number; ex: 34.141.1206L)

continued on next page

Construction characteristics and dimensions may be changed at any time without prior notice.

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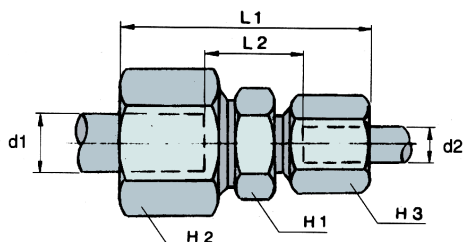
Balfit® Compression Ring Pipe Fittings



continued

Balfit® Straight Reducing Connector – 34.141.

carbon steel Metric thread straight reducing 24° compression ring standpipe connector



According to **ISO 8434-1** According to **DIN 2353**

Material: Carbon Steel

Finish: Zinc-plated

part number	Ø tube		dimensions						working pressure	ISO series
	d1	d2	L1	L2	H1	H2	H3	MPa		
34.141.1208S	12	8	50,5	19,5	22	24	19	63.0	S	
34.141.1210S	12	10	51	19	22	24	22	63.0	S	
34.141.1410S	14	10	54,5	20,5	24	27	22	63.0	S	
34.141.1412S	14	12	54,5	20,5	24	27	24	63.0	S	
34.141.1612S	16	12	54,5	20	27	30	24	40.0	S	
34.141.1614S	16	14	58	21,5	27	30	27	40.0	S	
34.141.2010S	20	10	59,5	22	32	36	22	40.0	S	
34.141.2012S	20	12	59,5	22	32	36	24	40.0	S	
34.141.2016S	20	16	63	23	32	36	30	40.0	S	
34.141.2516S	25	16	68	25,5	41	46	30	40.0	S	
34.141.2520S	25	20	71	25,5	41	46	36	40.0	S	
34.141.3020S	30	20	74	26	46	50	36	40.0	S	
34.141.3025S	30	25	77	26,5	46	50	46	40.0	S	
34.141.3830S	38	30	87	29,5	55	60	50	31.5	S	

also available:

Balfit® Stainless Steel 24° Compression Ring

(add an 'S' at the end of the part number; ex: 34.141.1208S)

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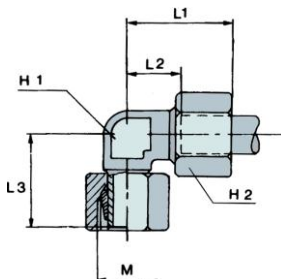
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Balfit® Compression Ring Pipe Fittings

Balfit® Swivel Elbow Adapter – 34.142.

carbon steel 90° elbow 24° compression ring swivel adapter



According to **ISO 8434-1** According to **DIN 2353**

Material: Carbon Steel

Finish: Zinc-plated

part number	Ø tube	thread	dimensions						working pressure	ISO series
			mm	M	L1	L2	L3	H1		
34.142.06LM12	6	12x1,5	27	12	26	12	14		31.5	L
34.142.08LM14	8	14x1,5	29	14	27	12	17		31.5	L
34.142.10LM16	10	16x1,5	30	15	28,5	14	19		31.5	L
34.142.12LM18	12	18x1,5	32	17	29	17	22		31.5	L
34.142.15LM22	15	22x1,5	36	21	32	19	27		31.5	L
34.142.18LM26	18	26x1,5	40	23,5	35	24	32		31.5	L
34.142.22LM30	22	30x2	44	27,5	38	27	36		16.0	L
34.142.28LM36	28	36x2	47	30,5	41,5	36	41		16.0	L
34.142.35LM45	35	45x2	56	34,5	51	41	50		16.0	L
34.142.42LM52	42	52x2	63	40	56	50	60		16.0	L
34.142.06SM14	6	14x1,5	31	16	27	12	17		40.0	S
34.142.08SM16	8	16x1,5	32	17	27	14	19		40.0	S
34.142.10SM18	10	18x1,5	34	17,5	29,5	17	22		40.0	S
34.142.12SM20	12	20x1,5	38	21,5	30,5	17	24		40.0	S
34.142.14SM22	14	22x1,5	40	22	34,5	19	27		40.0	S
34.142.16SM24	16	24x1,5	43	24,5	36	24	30		63.0	S
34.142.20SM30	20	30x2	48	26,5	44	27	36		63.0	S
34.142.25SM36	25	36x2	54	30	49,5	36	46		63.0	S
34.142.30SM42	30	42x2	62	35,5	55	41	50		63.0	S
34.142.38SM52	38	52x2	72	41	63	50	60		31.5	S

also available:

Balfit® Stainless Steel 24° Compression Ring

(add an 'S' at the end of the part number; ex: 34.142.14SM24)

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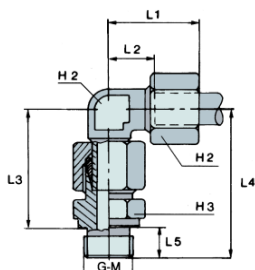
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Balfit® Compression Ring Pipe Fittings



Balfit® Swivel Elbow Adapter with BSP Male Stud – 34.143.

carbon steel parallel BSP thread 90° elbow 24° compression ring standpipe connector



According to **ISO 8434-1** According to **DIN 2353**

Material: Carbon Steel

Finish: Zinc-plated

part number	Ø tube	thread	dimensions								working pressure	ISO series
			mm	G	L1	L2	L3	L4	L5	H1		
34.143.06LR02	6	1/8	27	12	34,5	42,5	8	12	14	14	31.5	L
34.143.08LR04	8	1/4	29	14	37	49	12	12	17	19	31.5	L
34.143.10LR04	10	1/4	30	15	39,5	51,5	12	14	19	19	31.5	L
34.143.12LR06	12	3/8	32	17	41,5	53,5	12	17	22	22	31.5	L
34.143.15LR08	15	1/2	36	21	46	60	14	19	27	27	31.5	L
34.143.18LR08	18	1/2	40	23,5	49,5	63,5	14	24	32	27	31.5	L
34.143.22LR12	22	3/4	44	27,5	54,5	70,5	16	27	36	32	16.0	L
34.143.28LR16	28	1	47	30,5	59	77	18	36	41	41	16.0	L
34.143.35LR20	35	1-1/4	56	34,5	68,5	88,5	20	41	50	50	16.0	L
34.143.42LR24	42	1-1/2	63	40	75	97	22	50	60	55	16.0	L
34.143.06SR04	6	1/4	31	16	40	52	12	12	17	19	63.0	S
34.143.08SR04	8	1/4	32	17	42	54	12	14	19	19	63.0	S
34.143.10SR06	10	3/8	34	17,5	44,5	56,5	12	17	22	22	63.0	S
34.143.12SR06	12	3/8	38	21,5	47,5	59,5	12	17	24	22	63.0	S
34.143.14SR08	14	1/2	40	22	53,5	67,5	14	19	27	27	63.0	S
34.143.16SR08	16	1/2	43	24,5	54,5	68,5	14	24	30	27	40.0	S
34.143.20SR12	20	3/4	48	26,5	64,5	80,5	16	27	36	32	40.0	S
34.143.25SR16	25	1	54	30	72,5	90,5	18	36	46	41	40.0	S
34.143.30SR20	30	1-1/4	62	35,5	78,5	98,5	20	41	50	50	40.0	S
34.143.38SR24	38	1-1/2	72	41	89	111	22	50	60	55	31.5	S

also available:

Balfit® Stainless Steel 24° Compression Ring

(add an 'S' at the end of the part number; ex: 34.143.15LR08)

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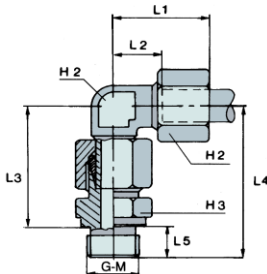
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Balfit[®] Compression Ring Pipe Fittings

Balfit[®] Swivel Elbow Adapter with Metric Male Stud – 34.144.

carbon steel parallel Metric thread 90° elbow 24° compression ring standpipe connector



According to **ISO 8434-1** According to **DIN 2353**

Material: Carbon Steel
Finish: Zinc-plated

part number	Ø tube	thread	dimensions								working pressure	ISO series
			mm	G	L1	L2	L3	L4	L5	H1		
34.144.06LM10	6	10x1	27	12	34,5	42,5	8	12	14	14	31.5	L
34.144.08LM12	8	12x1,5	29	14	37	49	12	12	17	17	31.5	L
34.144.10LM14	10	14x1,5	30	15	39,5	51,5	12	14	19	19	31.5	L
34.144.12LM16	12	16x1,5	32	17	41,5	53,5	12	17	22	22	31.5	L
34.144.15LM18	15	18x1,5	36	21	45,5	57,5	12	19	27	24	31.5	L
34.144.18LM22	18	22x1,5	40	23,5	49,5	63,5	14	24	32	27	31.5	L
34.144.22LM26	22	26x1,5	44	27,5	54,5	70,5	16	27	36	32	16.0	L
34.144.28LM33	28	33x2	47	30,5	59	77	18	36	41	41	16.0	L
34.144.35LM42	35	42x2	56	34,5	68,5	88,5	20	41	50	50	16.0	L
34.144.42LM48	42	48x2	63	40	75	97	22	50	60	55	16.0	L
34.144.06SM12	6	12x1,5	31	16	40	52	12	12	17	17	63.0	S
34.144.08SM14	8	14x1,5	32	17	42	54	12	14	19	19	63.0	S
34.144.10SM16	10	16x1,5	34	17,5	44,5	56,5	12	17	22	22	63.0	S
34.144.12SM18	12	18x1,5	38	21,5	47,5	59,5	12	17	24	24	63.0	S
34.144.14SM20	14	20x1,5	40	22	53,5	67,5	14	19	27	27	63.0	S
34.144.16SM22	16	22x1,5	43	24,5	54,5	68,5	14	24	30	27	40.0	S
34.144.20SM27	20	27x2	48	26,5	64,5	80,5	16	27	36	32	40.0	S
34.144.25SM33	25	33x2	54	30	72,5	90,5	18	36	46	41	40.0	S
34.144.30SM42	30	42x2	62	35,5	78,5	98,5	20	41	50	50	40.0	S
34.144.38SM48	38	48x2	72	41	89	111	22	50	60	55	31.5	S

also available:

Balfit[®] Stainless Steel 24° Compression Ring

(add an 'S' at the end of the part number; ex: 34.144.15LM18)

Construction characteristics and dimensions may be changed at any time without prior notice.

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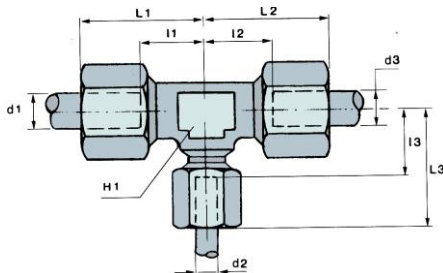
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Balfit® Compression Ring Pipe Fittings



Balfit® Reducing Branch Tee – 34.145.

carbon steel reducing branch tee 24° compression ring standpipe connector



According to **ISO 8434-1** According to **DIN 2353**

Material: Carbon Steel
Finish: Zinc-plated

part number	Ø tube			dimensions							working pressure	ISO series
	d1	d2	d3	L1	L2	L3	I1	I2	I3	H1	MPa	
34.145.0806L	6	8	6	22	29	22	12	11,5	12	12	31,5	L
34.145.0608L	8	6	8	29	29	29	14	11	9,5	12	31,5	L
34.145.1006L	6	10	6	30	30	29	15	11	15	14	31,5	L
34.145.1008L	8	10	8	30	30	30	15	15	15	14	31,5	L
34.145.0610L	10	6	10	29	30	29	14	15	14	14	31,5	L
34.145.0810L	10	8	10	29	30	29	14	15	14	14	31,5	L
34.145.1208L	8	12	8	32	29	32	17	14	17	17	31,5	L
34.145.0612L	12	6	12	32	32	29	17	17	14	17	31,5	L
34.145.0812L	12	8	12	32	31	32	17	16	17	17	31,5	L
34.145.1012L	12	10	12	32	31	32	17	16	17	17	31,5	L
34.145.1510L	10	15	10	36	36	36	21	21	21	19	31,5	L
34.145.0512L	12	15	12	36	36	36	21	21	21	19	31,5	L
34.145.0615L	15	6	15	35	36	35	20	21	20	19	31,5	L
34.145.1015L	15	10	15	35	36	35	20	21	20	19	31,5	L
34.145.1215L	15	12	15	36	35	36	21	20	21	19	31,5	L
34.145.1812L	12	18	12	39	35	40	24	20	23,5	24	31,5	L
34.145.1018L	18	10	18	38	40	38	23	23,5	23	24	31,5	L
34.145.1218L	18	12	18	40	38	38	23,5	23	23	24	31,5	L
34.145.1518L	18	15	18	40	38	40	23,5	23	23,5	24	31,5	L
34.145.1022L	22	10	22	44	39	40	27,5	24	23,5	27	16,0	L
34.145.1222L	22	12	22	44	40	38	27,5	23,5	3	27	16,0	L
34.145.1522L	22	15	22	44	41	44	27,5	26	27,5	27	16,0	L

also available:

Balfit® Stainless Steel 24° Compression Ring

(add an 'S' at the end of the part number; ex: 34.145.0812L)

continued on next page

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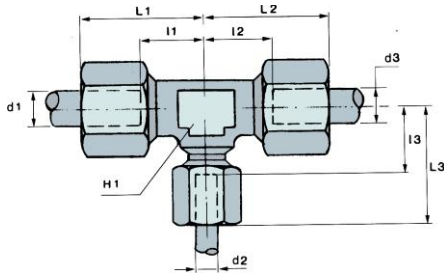


Balfit[®] Compression Ring Pipe Fittings

continued

Balfit[®] Reducing Branch Tee – 34.145.

carbon steel reducing branch tee 24° compression ring standpipe connector



According to **ISO 8434-1** According to **DIN 2353**

Material: Carbon Steel
Finish: Zinc-plated

part number	Ø tube			dimensions							working pressure MPa	ISO series
	d1	d2	d3	L1	L2	L3	I1	I2	I3	H1		
34.145.1822L	22	18	22	44	42	44	27,5	27	27,5	27	16.0	L
34.145.1028L	28	10	28	47	43	46	30,5	26,5	31	36	16.0	L
34.145.1228L	28	12	28	47	47	43	30,5	30,5	26,5	36	16.0	L
34.145.1528L	28	15	28	47	44	47	30,5	29	30,5	36	16.0	L
34.145.1828L	28	18	28	47	44	47	30,5	29	30,5	36	16.0	L
34.145.2228L	28	22	28	47	46	47	30,5	29,5	30,5	36	16.0	L
34.145.0610S	10	6	10	34	33	34	17,5	18	17,5	17	31.5	S
34.145.0812S	12	8	12	38	33	38	21,5	18	21,5	19	31.5	S
34.145.1012S	12	10	12	38	34	38	21,5	17,5	21,5	19	31.5	S
34.145.1612S	12	16	12	40	43	40	23,5	24,5	23,5	24	40.0	S
34.145.0616S	16	6	16	43	39	43	24,5	24	24,5	24	40.0	S
34.145.0816S	16	8	16	43	39	43	24,5	24	24,5	24	40.0	S
34.145.1016S	16	10	16	43	40	43	24,5	23,5	24,5	24	40.0	S
34.145.1216S	16	12	16	43	40	43	24,5	23,5	24,5	24	40.0	S
34.145.2016S	16	20	16	46	48	46	27,5	26,5	27,5	27	40.0	S
34.145.1020S	20	10	20	48	43	48	26,5	26,5	26,5	27	40.0	S
34.145.1220S	20	12	20	48	43	48	26,5	26,5	26,5	27	40.0	S
34.145.1620S	20	16	20	48	46	48	26,5	27	26,5	27	40.0	S
34.145.2520S	20	25	20	51	54	51	29,5	30	29,5	36	40.0	S
34.145.1625S	25	16	25	54	49	54	30	30,5	30	36	40.0	S
34.145.2025S	25	20	25	54	51	54	30	29,5	30	36	40.0	S
34.145.3025S	25	30	25	59	62	59	35	35,5	35	41	40.0	S

also available:

Balfit[®] Stainless Steel 24° Compression Ring

(add an 'S' at the end of the part number; ex: 34.145.1822L)

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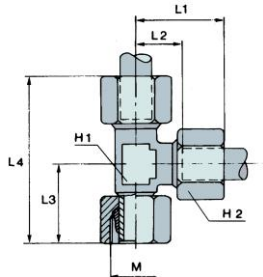
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Balfit® Compression Ring Pipe Fittings



Balfit® Swivel Run Tee Standpipe Connector – 34.146.

carbon steel swivel run tee 24° compression ring standpipe connector



According to **ISO 8434-1** According to **DIN 2353**

Material: Carbon Steel
Finish: Zinc-plated

part number	Ø tube	thread	dimensions							working pressure	ISO series
			mm	M	L1	L2	L3	L4	H1		
34.146.06LM12	6	12x1,5	27	12	26	53	12	14		31.5	L
34.146.08LM14	8	14x1,5	29	14	27	56	12	17		31.5	L
34.146.10LM16	10	16x1,5	30	15	28,5	58,5	14	19		31.5	L
34.146.12LM18	12	18x1,5	32	17	29	61	17	22		31.5	L
34.146.15LM22	15	22x1,5	36	21	32	68	19	27		31.5	L
34.146.18LM26	18	26x1,5	40	23,5	35	75	24	32		31.5	L
34.146.22LM30	22	30x2	44	27,5	38	82	27	36		16.0	L
34.146.28LM36	28	36x2	47	30,5	41,5	88,5	36	41		16.0	L
34.146.35LM45	35	45x2	56	34,5	51	107	41	50		16.0	L
34.146.42LM52	42	52x2	63	40	56	119	50	60		16.0	L
34.146.06SM14	6	14x1,5	31	16	27	58	12	17		63.0	S
34.146.08SM16	8	16x1,5	32	17	27	59	14	19		63.0	S
34.146.10SM18	10	18x1,5	34	17,5	29,5	63,5	17	22		63.0	S
34.146.12SM20	12	20x1,5	38	21,5	30,5	68,5	17	24		63.0	S
34.146.14SM22	14	22x1,5	40	22	34,5	74,5	19	27		63.0	S
34.146.16SM24	16	24x1,5	43	24,5	36	79	24	30		40.0	S
34.146.20SM30	20	30x2	48	26,5	44	92	27	36		40.0	S
34.146.25SM36	25	36x2	54	30	49,5	103,5	36	46		40.0	S
34.146.30SM42	30	42x2	62	35,5	55	117	41	50		40.0	S
34.146.38SM52	38	52x2	72	41	63	135	50	60		31.5	S

also available:

Balfit® Stainless Steel 24° Compression Ring

(add an 'S' at the end of the part number; ex: 34.146.15LM22)

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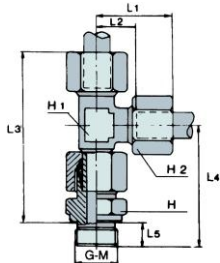
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Balfit® Compression Ring Pipe Fittings

Balfit® Run Tee with BSP Male Stud – 34.147.

carbon steel parallel BSP thread 24° compression ring run tee standpipe connector



According to **ISO 8434-1** According to **DIN 2353**

Material: Carbon Steel

Finish: Zinc-plated

part number	Ø tube	thread	dimensions								working pressure	ISO series
	mm	M	L1	L2	L3	L4	L5	H1	H2	H3	MPa	
34.147.06LR02	6	1/8	27	12	61,5	42,5	8	12	14	14	31.5	L
34.147.08LR04	8	1/4	29	14	66	49	12	12	17	19	31.5	L
34.147.10LR04	10	1/4	30	15	69,5	51,5	12	14	19	19	31.5	L
34.147.12LR06	12	3/8	32	17	73,5	53,5	12	17	22	22	31.5	L
34.147.15LR08	15	1/2	36	21	82	60	14	19	27	27	31.5	L
34.147.18LR08	18	1/2	40	23,5	89,5	63,5	14	24	32	27	31.5	L
34.147.22LR12	22	3/4	44	27,5	98,5	70,5	16	27	36	32	16.0	L
34.147.28LR16	28	1	47	30,5	106	77	18	36	41	41	16.0	L
34.147.35LR20	35	1 1/4	56	34,5	124,5	88,5	20	41	50	50	16.0	L
34.147.42LR24	42	1 1/2	63	40	138	97	22	50	60	55	16.0	L
34.147.06SR04	6	1/4	31	16	71	52	12	12	17	19	63.0	S
34.147.08SR04	8	1/4	32	17	74	54	12	14	19	19	63.0	S
34.147.10SR06	10	3/8	34	17,5	78,5	56,5	12	17	22	22	63.0	S
34.147.12SR06	12	3/8	38	21,5	85,5	59,5	12	17	24	22	63.0	S
34.147.14SR08	14	1/2	40	22	93,5	67,5	14	19	27	27	63.0	S
34.147.16SR08	16	1/2	43	24,5	97,5	68,5	14	24	30	27	40.0	S
34.147.20SR12	20	3/4	48	26,5	112,5	80,5	16	27	36	32	40.0	S
34.147.25SR16	25	1	54	30	126,5	90,5	18	36	46	41	40.0	S
34.147.30SR20	30	1 1/4	62	35,5	140,5	98,5	20	41	50	50	40.0	S
34.147.38SR24	38	1 1/2	72	41	161	111	22	50	60	55	31.5	S

also available:

Balfit® Stainless Steel 24° Compression Ring

(add an 'S' at the end of the part number; ex: 34.147.15LR08)

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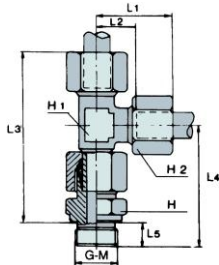
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Balfit® Compression Ring Pipe Fittings



Balfit® Run Tee with Metric Male Stud – 34.148.

carbon steel parallel Metric thread 24° compression ring run tee standpipe connector



According to **ISO 8434-1** According to **DIN 2353**

Material: Carbon Steel
Finish: Zinc-plated

part number	Ø tube	thread	dimensions								working pressure	ISO series
			mm	M	L1	L2	L3	L4	L5	H1		
34.148.06LM10	6	10x1	27	12	61,5	42,5	8	12	14	14	31.5	L
34.148.08LM12	8	12x1,5	29	14	66	49	12	12	17	17	31.5	L
34.148.10LM14	10	14x1,5	30	15	69,5	51,5	12	14	19	19	31.5	L
34.148.12LM16	12	16x1,5	32	17	73,5	53,5	12	17	22	22	31.5	L
34.148.15LM18	15	18x1,5	36	21	81	57,5	12	19	27	24	31.5	L
34.148.18LM22	18	22x1,5	40	23,5	89,5	63,5	14	24	32	27	31.5	L
34.148.22LM26	22	26x1,5	44	27,5	98,5	70,5	16	27	36	32	16.0	L
34.148.28LM33	28	33x2	47	30,5	106	77	18	36	41	41	16.0	L
34.148.35LM42	35	42x2	56	34,5	124,5	88,5	20	41	50	50	16.0	L
34.148.42LM48	42	48x2	63	40	138	97	22	50	60	55	16.0	L
34.148.06SM12	6	12x1,5	31	16	71	52	12	12	17	17	63.0	S
34.148.08SM14	8	14x1,5	32	17	74	54	12	14	19	19	63.0	S
34.148.10SM16	10	16x1,5	34	17,5	78,5	56,5	12	17	22	22	63.0	S
34.148.12SM18	12	18x1,5	38	21,5	85,5	59,5	12	17	24	24	63.0	S
34.148.14SM20	14	20x1,5	40	22	93,5	67,5	14	19	27	27	63.0	S
34.148.16SM22	16	22x1,5	43	24,5	97,5	68,5	14	24	30	27	40.0	S
34.148.20SM27	20	27x2	48	26,5	112,5	80,5	16	27	36	32	40.0	S
34.148.25SM33	25	33x2	54	30	126,5	90,5	18	36	46	41	40.0	S
34.148.30SM42	30	42x2	62	35,5	140,5	98,5	20	41	50	50	40.0	S
34.148.38SM48	38	48x2	72	41	161	111	22	50	60	55	31.5	S

also available:

Balfit® Stainless Steel 24° Compression Ring

(add an 'S' at the end of the part number; ex: 34.148.18LM22)

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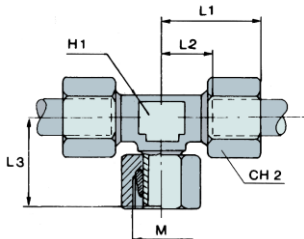
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Balfit[®] Compression Ring Pipe Fittings

Balfit[®] Swivel Branch Tee Standpipe Connector – 34.150.

carbon steel swivel branch tee 24° compression ring standpipe connector



According to **ISO 8434-1** According to **DIN 2353**

Material: Carbon Steel
Finish: Zinc-plated

part number	Ø tube	thread	dimensions								working pressure	ISO series
	mm	M	L1	L2	L3	H1	H2			MPa		
34.150.06LM12	6	12x1,5	27	12	26	12	14			31.5	L	
34.150.08LM14	8	14x1,5	29	14	27	12	17			31.5	L	
34.150.10LM16	10	16x1,5	30	15	28,5	14	19			31.5	L	
34.150.12LM18	12	18x1,5	32	17	29	17	22			31.5	L	
34.150.15LM22	15	22x1,5	36	21	32	19	27			31.5	L	
34.150.18LM26	18	26x1,5	40	23,5	35	24	32			31.5	L	
34.150.22LM30	22	30x2	44	27,5	38	27	36			16.0	L	
34.150.28LM36	28	36x2	47	30,5	41,5	36	41			16.0	L	
34.150.35LM45	35	45x2	56	34,5	51	41	50			16.0	L	
34.150.42LM52	42	52x2	63	40	56	50	60			16.0	L	
34.150.06SM14	6	14x1,5	31	16	27	12	17			63.0	S	
34.150.08SM16	8	16x1,5	32	17	27	14	19			63.0	S	
34.150.10SM18	10	18x1,5	34	17,5	29,5	17	22			63.0	S	
34.150.12SM20	12	20x1,5	38	21,5	30,5	17	24			63.0	S	
34.150.14SM22	14	22x1,5	40	22	34,5	19	27			63.0	S	
34.150.16SM24	16	24x1,5	43	24,5	36	24	30			40.0	S	
34.150.20SM30	20	30x2	48	26,5	44	27	36			40.0	S	
34.150.25SM36	25	36x2	54	30	49,5	36	46			40.0	S	
34.150.30SM42	30	42x2	62	35,5	55	41	50			40.0	S	
34.150.38SM52	38	52x2	72	41	63	50	60			31.5	S	

also available:

Balfit[®] Stainless Steel 24° Compression Ring

(add an 'S' at the end of the part number; ex: 34.150.20SM30)

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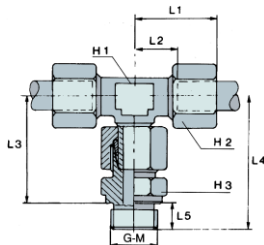
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Balfit® Compression Ring Pipe Fittings



Balfit® Branch Tee with BSP Male Stud – 34.151.

carbon steel parallel BSP thread 24° compression ring branch tee standpipe connector



According to **ISO 8434-1** According to **DIN 2353**

Material: Carbon Steel

Finish: Zinc-plated

part number	Ø tube	thread	dimensions									working pressure	ISO series
			mm	G	L1	L2	L3	L4	L5	H1	H2		
34.151.06LR02	6	1/8	27	12	34,5	42,5	8	12	14	14	31.5	L	
34.151.08LR04	8	1/4	29	14	37	49	12	12	17	19	31.5	L	
34.151.10LR04	10	1/4	30	15	39,5	51,5	12	14	19	19	31.5	L	
34.151.12LR06	12	3/8	32	17	41,5	53,5	12	17	22	22	31.5	L	
34.151.15LR08	15	1/2	36	21	46	60	14	19	27	27	31.5	L	
34.151.18LR08	18	1/2	40	23,5	49,5	63,5	14	24	32	27	31.5	L	
34.151.22LR12	22	3/4	44	27,5	54,5	70,5	16	27	36	32	16.0	L	
34.151.28LR16	28	1	47	30,5	59	77	18	36	41	41	16.0	L	
34.151.35LR20	35	1-1/4	56	34,5	68,5	88,5	20	41	50	50	16.0	L	
34.151.42LR24	42	1-1/2	63	40	75	97	22	50	60	55	16.0	L	
34.151.06SR04	6	1/4	31	16	40	52	12	12	17	19	63.0	S	
34.151.08SR04	8	1/4	32	17	42	54	12	14	19	19	63.0	S	
34.151.10SR06	10	3/8	34	17,5	44,5	56,5	12	17	22	22	63.0	S	
34.151.12SR06	12	3/8	38	21,5	47,5	59,5	12	19	24	22	63.0	S	
34.151.14SR08	14	1/2	40	22	53,5	67,5	14	19	27	27	63.0	S	
34.151.16SR08	16	1/2	43	24,5	54,5	68,5	14	24	30	27	40.0	S	
34.151.20SR12	20	3/4	48	26,5	64,5	80,5	16	27	36	32	40.0	S	
34.151.25SR16	25	1	54	30	72,5	90,5	18	36	46	41	40.0	S	
34.151.30SR20	30	1-1/4	62	35,5	78,5	98,5	20	41	50	50	40.0	S	
34.151.38SR24	38	1-1/2	72	41	89	111	22	50	60	55	31.5	S	

also available:

Balfit® Stainless Steel 24° Compression Ring

(add an 'S' at the end of the part number; ex: 34.150.22LR12)

Construction characteristics and dimensions may be changed at any time without prior notice.

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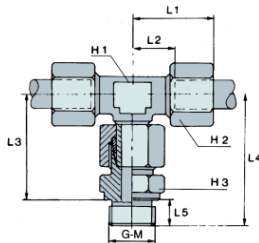
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Balfit[®] Compression Ring Pipe Fittings

Balfit[®] Branch Tee with METRIC Male Stud – 34.152.

carbon steel parallel Metric thread 24° compression ring branch tee standpipe connector



According to **ISO 8434-1** According to **DIN 2353**

Material: Carbon Steel

Finish: Zinc-plated

part number	Ø tube	thread	dimensions									working pressure	ISO series
	mm	M	L1	L2	L3	L4	L5	H1	H2	H3	MPa		
34.152.06LM10	6	10x1	27	12	34,5	42,5	8	12	14	14	31.5	L	
34.152.08LM12	8	12x1,5	29	14	37	49	12	12	17	17	31.5	L	
34.152.10LM14	10	14x1,5	30	15	39,5	51,5	12	14	19	19	31.5	L	
34.152.12LM16	12	16x1,5	32	17	41,5	53,5	12	17	22	22	31.5	L	
34.152.15LM18	15	18x1,5	36	21	45,5	57,5	12	19	27	24	31.5	L	
34.152.18LM22	18	22x1,5	40	23,5	49,5	63,5	14	24	32	27	31.5	L	
34.152.22LM26	22	26x1,5	44	27,5	54,5	70,5	16	27	36	32	16.0	L	
34.152.28LM33	28	33x2	47	30,5	59	77	18	36	41	41	16.0	L	
34.152.35LM42	35	42x2	56	34,5	68,5	88,5	20	41	50	50	16.0	L	
34.152.42LM48	42	48x2	63	40	75	97	22	50	60	55	16.0	L	
34.152.06SM12	6	12x1,5	31	16	40	52	12	12	17	17	63.0	S	
34.152.08SM14	8	14x1,5	32	17	42	54	12	14	19	19	63.0	S	
34.152.10SM16	10	16x1,5	34	17,5	44,5	56,5	12	17	22	22	63.0	S	
34.152.12SM18	12	18x1,5	38	21,5	47,5	59,5	12	17	24	24	63.0	S	
34.152.14SM20	14	20x1,5	40	22	53,5	67,5	14	19	27	27	63.0	S	
34.152.16SM22	16	22x1,5	43	24,5	54,5	68,5	14	24	30	27	40.0	S	
34.152.20SM27	20	27x2	48	26,5	64,5	80,5	16	27	36	32	40.0	S	
34.152.25SM33	25	33x2	54	30	72,5	90,5	18	36	46	41	40.0	S	
34.152.30SM42	30	42x2	62	35,5	78,5	98,5	20	41	50	50	40.0	S	
34.152.38SM48	38	48x2	72	41	89	111	22	50	60	55	31.5	S	

also available:

Balfit[®] Stainless Steel 24° Compression Ring

(add an 'S' at the end of the part number; ex: 34.152.30SM42)

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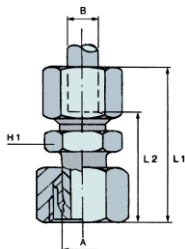
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Balfit® Compression Ring Pipe Fittings



Balfit® Swivel Reducing Light Standpipe Connector – 34.153.

carbon steel swivel reducing 24° compression ring light standpipe connector



According to **ISO 8434-1** According to **DIN 2353**

Material: Carbon Steel

Finish: Zinc-plated

part number	Ø tube		dimensions						working pressure MPa	ISO series	
	A	B	L1	L2	H1						
34.153.0806L	8	6	40	25,5	12					31.5	L
34.153.1006L	10	6	40,5	26	12					31.5	L
34.153.1206L	12	6	41,5	27	14					31.5	L
34.153.1506L	15	6	41,5	27	17					31.5	L
34.153.1806L	18	6	44	29,5	19					31.5	L
34.153.2206L	22	6	45	30,5	24					16.0	L
34.153.2806L	28	6	46,5	32	30					16.0	L
34.153.3506L	35	6	53	38,5	36					16.0	L
34.153.4206L	42	6	54	39,5	46					16.0	L
34.153.1008L	10	8	42	27	14					31.5	L
34.153.1208L	12	8	42	27	14					31.5	L
34.153.1508L	15	8	42	27	17					31.5	L
34.153.1808L	18	8	44,5	29,5	19					31.5	L
34.153.2208L	22	8	45,5	30,5	24					16.0	L
34.153.2808L	28	8	47	32	30					16.0	L
34.153.3508L	35	8	53,5	38,5	36					16.0	L
34.153.4208L	42	8	54,5	39,5	46					16.0	L
34.153.1210L	12	10	43	28	17					31.5	L
34.153.1510L	15	10	43	28	17					31.5	L
34.153.1810L	18	10	45,5	30,5	19					31.5	L
34.153.2210L	22	10	46,5	31,5	24					16.0	L
34.153.2810L	28	10	48	33	30					16.0	L
34.153.3510L	35	10	54,5	39,5	36					16.0	L
34.153.4210L	42	10	55,5	40,5	46					16.0	L

also available:

Balfit® Stainless Steel 24° Compression Ring

(add an 'S' at the end of the part number; ex: 34.153.3510L)

continued on next page

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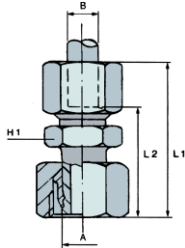


Balfit® Compression Ring Pipe Fittings

continued

Balfit® Swivel Reducing Light Standpipe Connector – 34.153.

carbon steel swivel reducing 24° compression ring light standpipe connector



According to **ISO 8434-1** According to **DIN 2353**

Material: Carbon Steel
Finish: Zinc-plated

part number	Ø tube		dimensions						working pressure MPa	ISO series	
	A	B	L1	L2	H1						
34.153.1512L	15	12	43,5	29	19					31.5	L
34.153.1812L	18	12	45	30,5	19					31.5	L
34.153.2212L	22	12	46	31,5	24					16.0	L
34.153.2812L	28	12	47,5	33	30					16.0	L
34.153.3512L	35	12	54	39,5	36					16.0	L
34.153.4212L	42	12	55	40,5	46					16.0	L
34.153.1815L	18	15	46,5	31,5	24					31.5	L
34.153.2215L	22	15	47,5	32,5	24					16.0	L
34.153.2815L	28	15	49	34	30					16.0	L
34.153.3515L	35	15	55,5	40,5	36					16.0	L
34.153.4215L	42	15	56,5	41,5	46					16.0	L
34.153.2218L	22	18	49	32,5	27					16.0	L
34.153.2818L	28	18	50	33,5	30					16.0	L
34.153.3518L	35	18	56,5	40	36					16.0	L
34.153.4218L	42	18	57,5	41	46					16.0	L
34.153.2822L	28	22	52	35,5	32					16.0	L
34.153.3522L	35	22	58,5	42	36					16.0	L
34.153.4222L	42	22	59,5	43	46					16.0	L
34.153.3528L	35	28	58,5	42	41					16.0	L
34.153.4228L	42	28	59,5	43	46					16.0	L
34.153.4235L	42	35	63,5	42	46					16.0	L

also available:

Balfit® Stainless Steel 24° Compression Ring

(add an 'S' at the end of the part number; ex: 34.153.3522L)

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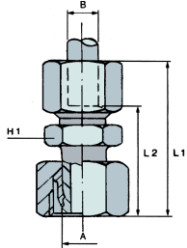
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Balfit® Compression Ring Pipe Fittings



Balfit® Swivel Reducing Heavy Standpipe Connector – 34.154.

carbon steel swivel reducing 24° compression ring heavy standpipe connector



According to **ISO 8434-1** According to **DIN 2353**

Material: Carbon Steel
Finish: Zinc-plated

part number	Ø tube		dimensions						working pressure MPa	ISO series	
	A	B	L1	L2	H1						
34.154.0806S	8	6	44	29	14					63.0	S
34.154.1006S	10	6	46,5	31,5	14					63.0	S
34.154.1206S	12	6	46	31	14					63.0	S
34.154.1406S	14	6	50	35	17					63.0	S
34.154.1208S	16	6	51	36	17					40.0	S
34.154.2006S	20	6	56,5	41,5	22					40.0	S
34.154.2506S	25	6	59	44	27					40.0	S
34.154.3006S	30	6	63,5	48,5	32					40.0	S
34.154.3806S	38	6	69,5	54,5	41					31.5	S
34.154.1008S	10	8	48,5	33,5	17					63.0	S
34.154.1208S	12	8	48	33	17					63.0	S
34.154.1408S	14	8	50	35	17					63.0	S
34.154.1608S	16	8	51	36	17					40.0	S
34.154.2008S	20	8	56,5	41,5	22					40.0	S
34.154.2508S	25	8	59	44	27					40.0	S
34.154.3008S	30	8	63,5	48,5	32					40.0	S
34.154.3808S	38	8	69,5	54,5	41					31.5	S
34.154.1210S	12	10	48,5	32,5	19					63.0	S
34.154.1410S	14	10	50,5	34,5	19					63.0	S
34.154.1610S	16	10	51,5	35,5	19					40.0	S
34.154.2010S	20	10	57	41	22					40.0	S
34.154.2510S	25	10	59,5	43,5	27					40.0	S

also available:

Balfit® Stainless Steel 24° Compression Ring

(add an 'S' at the end of the part number; ex: 34.154.3010S)

continued on next page

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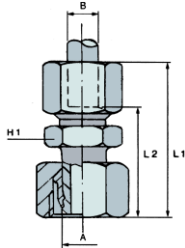


Balfit® Compression Ring Pipe Fittings

continued

Balfit® Swivel Reducing Heavy Standpipe Connector – 34.154.

carbon steel swivel reducing 24° compression ring heavy standpipe connector



According to **ISO 8434-1** According to **DIN 2353**

Material: Carbon Steel
Finish: Zinc-plated

part number	Ø tube		dimensions						working pressure MPa	ISO series
	A	B	L1	L2	H1					
34.154.3010S	30	10	64	48	32				25.0	S
34.154.3810S	38	10	70	54	41				25.0	S
34.154.1412S	14	12	52,5	36,5	22				63.0	S
34.154.1612S	16	12	53,5	37,5	22				40.0	S
34.154.2012S	20	12	57	41	22				40.0	S
34.154.2512S	25	12	59,5	43,5	27				40.0	S
34.154.3012S	30	12	64	48	32				40.0	S
34.154.3812S	38	12	70	54	41				31.5	S
34.154.1614S	16	14	57	39	24				40.0	S
34.154.2014S	20	14	60,5	42,5	24				40.0	S
34.154.2514S	25	14	63	45	27				40.0	S
34.154.3014S	30	14	67,5	49,5	32				25.0	S
34.154.3814S	38	14	73,5	55,5	41				25.0	S
34.154.2016S	20	16	60,5	42	27				40.0	S
34.154.2516S	25	16	63	44,5	27				40.0	S
34.154.3016S	30	16	67,5	49	32				40.0	S
34.154.3816S	38	16	73,5	55	41				31.5	S
34.154.2520S	25	20	68	46,5	32				40.0	S
34.154.3020S	30	20	70,5	49	32				40.0	S
34.154.3820S	38	20	76,5	55	41				40.0	S
34.154.3025S	30	25	75,5	51,5	41				40.0	S
34.154.3825S	38	25	79,5	55,5	41				31.5	S
34.154.3830S	38	30	82,5	56	46				31.5	S

also available:

Balfit® Stainless Steel 24° Compression Ring

(add an 'S' at the end of the part number; ex: 34.154.3020S)

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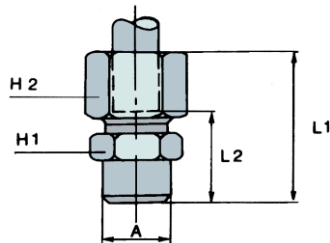
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Balfit® Compression Ring Pipe Fittings



Balfit® Welding Boss – 34.155.

carbon steel weld-on 24° compression ring standpipe connector



According to **ISO 8434-1** According to **DIN 2353**

Material: Carbon Steel
Finish: Zinc-plated

part number	Ø tube	thread	dimensions							working pressure	ISO series
	mm	P	L1	L2	L3	L4			MPa		
34.155.06L	6	10	29	14	12	14			31.5	L	
34.155.08L	8	12	31	16	14	17			31.5	L	
34.155.10L	10	14	33	18	17	19			31.5	L	
34.155.12L	12	16	33	18	19	22			31.5	L	
34.155.15L	15	19	37	22	22	27			31.5	L	
34.155.18L	18	22	40	23,5	27	32			31.5	L	
34.155.22L	22	27	45	28,5	32	36			16.0	L	
34.155.28L	28	32	47	30,5	41	41			16.0	L	
34.155.35L	35	40	54	32,5	46	50			16.0	L	
34.155.42L	42	46	58	35	55	60			16.0	L	
34.155.06S	6	11	34	19	14	17			63.0	S	
34.155.08S	8	13	36	21	17	19			63.0	S	
34.155.10S	10	15	39	22,5	19	22			63.0	S	
34.155.12S	12	17	41	24,5	22	24			63.0	S	
34.155.14S	14	19	45	27	24	27			63.0	S	
34.155.16S	16	21	45	26,5	27	30			40.0	S	
34.155.20S	20	26	51	29,5	32	36			40.0	S	
34.155.25S	25	31	56	32	41	46			40.0	S	
34.155.30S	30	36	62	35,5	46	50			40.0	S	
34.155.38S	38	44	69	38	55	60			31.5	S	

also available:

Balfit® Stainless Steel 24° Compression Ring

(add an 'S' at the end of the part number; ex: 34.155.16S)

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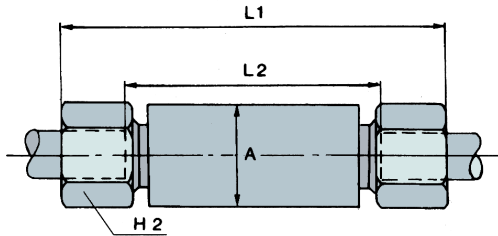
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Balfit[®] Compression Ring Pipe Fittings

Balfit[®] Welding Bulkhead Connector – 34.156.

carbon steel weld-on bulkhead 24° compression ring standpipe connector



According to **ISO 8434-1** According to **DIN 2353**

Material: Carbon Steel

Finish: Zinc-plated

part number	Ø tube	thread	dimensions							working pressure	ISO series
	mm		A	L1	L2	H2				MPa	
34.156.06L	6		18	85	56	14				31.5	L
34.156.08L	8		20	85	56	17				31.5	L
34.156.10L	10		22	87	58	19				31.5	L
34.156.12L	12		25	87	58	22				31.5	L
34.156.15L	15		28	100	70	27				31.5	L
34.156.18L	18		32	101	69	32				31.5	L
34.156.22L	22		36	105	73	36				16.0	L
34.156.28L	28		40	106	73	41				16.0	L
34.156.35L	35		50	114	71	50				16.0	L
34.156.42L	42		60	115	70	60				16.0	L
34.156.06S	6		20	89	60	17				63.0	S
34.156.08S	8		22	89	60	19				63.0	S
34.156.10S	10		25	91	59	22				63.0	S
34.156.12S	12		28	91	59	24				63.0	S
34.156.14S	14		30	107	72	27				63.0	S
34.156.16S	16		35	107	71	30				40.0	S
34.156.20S	20		38	114	71	36				40.0	S
34.156.25S	25		45	120	72	46				40.0	S
34.156.30S	30		50	126	73	50				40.0	S
34.156.38S	38		60	133	72	60				31.5	S

also available:

Balfit[®] Stainless Steel 24° Compression Ring

(add an 'S' at the end of the part number; ex: 34.156.16S)

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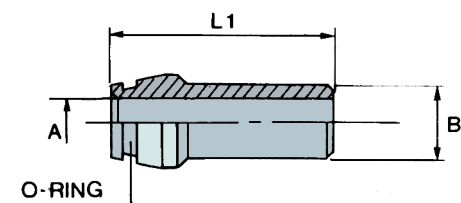
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Balfit® Compression Ring Pipe Fittings



Balfit® Welding Nipple – 34.157.

unassembled carbon steel weld-on 24° nipple with O-ring groove



According to **ISO 8434-1** According to **DIN 2353**

Material: Carbon Steel
Finish: Zinc-plated

part number	Ø tube	thread	dimensions							working pressure	ISO series
	mm		thickness	A	B	L1	O-ring		MPa		
34.157.10S	10	10x2	6	10	35	7,5x1,5				630	S
34.157.12S	12	12x2,5	7	12	35	9x1,5				630	S
34.157.14S	14	14x3	8	14	40	10x2				400	S
34.157.16S	16	16x3	10	16	42	12x2				400	S
34.157.20S	20	20x4	12	20	48	16,3x2,4				400	S
34.157.25S	25	25x4	17	25	52	20,3x2,4				400	S
34.157.30S	30	30x4	22	30	59	25,3x2,4				400	S

also available:

Balfit® Stainless Steel 24° Compression Ring

(add an 'S' at the end of the part number; ex: 34.157.16S)

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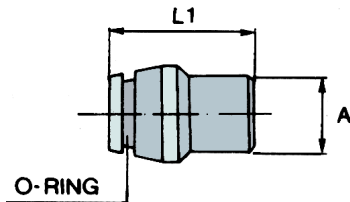
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Balfit® Compression Ring Pipe Fittings

Balfit® Blanking Plug – 34.158.

carbon steel plug with O-ring groove



According to **ISO 8434-1** According to **DIN 2353**

Material: Carbon Steel
Finish: Zinc-plated

part number	Ø tube	thread	dimensions							working pressure	ISO series
	mm		A	L1				O-ring	MPa		
34.158.06LS	6	6	17					4x1,5	31.5	L	
34.158.08LS	8	8	17					6x1,5	31.5	L	
34.158.10LS	10	10	20					7,5x1,5	31.5	L	
34.158.12LS	12	12	21					9x1,5	31.5	L	
34.158.15L	15	15	21					12x2	31.5	L	
34.158.18L	18	18	23					15x2	31.5	L	
34.158.22L	22	22	23					20x2	16.0	L	
34.158.28L	28	28	25					26x2	16.0	L	
34.158.35L	35	35	29					32x2,5	16.0	L	
34.158.42L	42	42	30					38x2,5	16.0	L	
34.158.14S	14	14	23					10x2	63.0	S	
34.158.16S	16	16	24					12x2	40.0	S	
34.158.20S	20	20	28					16,3x2,4	40.0	S	
34.158.25S	25	25	31					20,3x2,4	40.0	S	
34.158.30S	30	30	34					25,3x2,4	40.0	S	
34.158.38S	38	38	38					33,3x2,4	31.5	S	

also available:

Balfit® Stainless Steel 24° Compression Ring

(add an 'S' at the end of the part number; ex: 34.158.16S)

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Balfit® Compression Ring Pipe Fittings

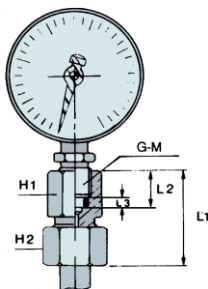


Balfit® BSP Gauge Connector – 34.159.

carbon steel parallel BSP thread gauge connector

Balfit® Metric Gauge Connector – 34.160.

carbon steel parallel Metric thread gauge connecto



According to **ISO 8434-1** According to **DIN 2353**

Material: Carbon Steel

Finish: Zinc-plated

part number	Ø tube	thread	dimensions						working pressure	ISO series	
			mm	G / M	L1	L2	L3	H1			H2
34.159.06LR04	6	1/4	43,5	14,5	4,5			19	14	31.5	L
34.159.08LR04	8	1/4	44	14,5	4,5			19	17	31.5	L
34.159.10LR04	10	1/4	45	14,5	4,5			19	19	31.5	L
34.159.12LR04	12	1/4	44,5	14,5	4,5			19	22	31.5	L
34.159.06SR08	6	1/2	53	20	5			30	17	63.0	S
34.159.08SR08	8	1/2	53	20	5			30	19	63.0	S
34.159.10SR08	10	1/2	54	20	5			30	22	63.0	S
34.159.12SR08	12	1/2	54	20	5			30	24	63.0	S
34.160.06LM12	6	12x1,5	43,5	14,5	4,5			19	14	31.5	L
34.160.08LM12	8	12x1,5	44	14,5	4,5			19	17	31.5	L
34.160.10LM12	10	12x1,5	45	14,5	4,5			19	19	31.5	L
34.160.12LM12	12	12x1,5	44,5	14,5	4,5			19	22	31.5	L
34.160.06SM18	6	18x1,5	53	20	5			27	17	63.0	S
34.160.08SM18	8	18x1,5	53	20	5			27	19	63.0	S
34.160.10SM18	10	18x1,5	54	20	5			27	22	63.0	S
34.160.12SM18	12	18x1,5	54	20	5			27	24	63.0	S

also available:

Balfit® Stainless Steel 24° Compression Ring

(add an 'S' at the end of the part number; ex: 34.159.12LR04)

Balfit® Stainless Steel 24° Compression Ring

(add an 'S' at the end of the part number; ex: 34.160.06SM18)

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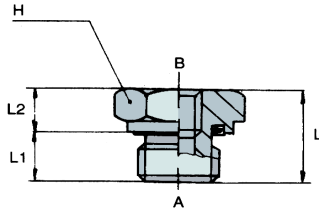
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Balfit[®] Compression Ring Pipe Fittings

Balfit[®] Male-Female Stud Adapter – 34.174.

carbon steel parallel BSP thread male-female adapter with rubber seal



According to **ISO 8434-1** According to **DIN 2353**

Material: Carbon Steel
Finish: Zinc-plated

part number	Ø tube	thread	dimensions							working pressure	ISO series
	mm	G	Ø	L	L1			H		MPa	
34.174.06R02	3/8	1/8	22,5	12	10,5			22		63.0	S
34.174.08R02	1/2	1/8	24	14	10			27		63.0	S
34.174.08R04	1/2	1/4	24	14	10			27		63.0	S
34.174.12R04	3/4	1/4	26	16	10			32		40.0	S
34.174.12R06	3/4	3/8	26	16	10			32		40.0	S
34.174.16R04	1	1/4	29	18	11			41		40.0	S
34.174.16R06	1	3/8	29	18	11			41		40.0	S
34.174.16R08	1	1/2	29	18	11			41		40.0	S
34.174.20R08	1-1/4	1/2	32	20	12			50		40.0	S
34.174.20R12	1-1/4	3/4	32	20	12			50		40.0	S
34.174.24R08	1-1/2	1/2	36	22	14			55		31.5	S
34.174.24R12	1-1/2	3/4	36	22	14			55		31.5	S
34.174.24R16	1-1/2	1	36	22	14			55		31.5	S

also available:

Balfit[®] Stainless Steel 24° Compression Ring

(add an 'S' at the end of the part number; ex: 34.174.20R12)

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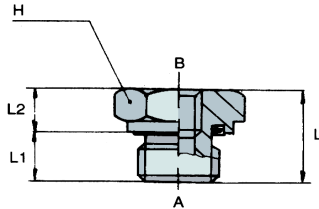
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Balfit® Compression Ring Pipe Fittings



Balfit® Male-Female Stud Adapter with rubber seal – 34.175.

carbon steel parallel BSP thread male-female adapter with rubber seal



According to **ISO 8434-1** According to **DIN 2353**

Material: Carbon Steel
Finish: Zinc-plated

part number	Ø tube	thread	dimensions							working pressure	ISO series
	mm	G	Ø	L	L1			H		MPa	
34.175.02R04	1/8	1/4	31	8	23			19		63.0	S
34.175.02R06	1/8	3/8	32	8	24			24		63.0	S
34.175.04R02	1/4	1/8	28	12	16			19		63.0	S
34.175.04R06	1/4	3/8	36	12	24			24		63.0	S
34.175.04R08	1/4	1/2	40	12	28			30		63.0	S
34.175.04R12	1/4	3/4	43	12	31			36		63.0	S
34.175.06R04	3/8	1/4	36	12	24			22		63.0	S
34.175.06R08	3/8	1/2	41	12	29			30		63.0	S
34.175.06R12	3/8	3/4	44	12	22			36		40.0	S
34.175.08R06	1/2	3/8	36	14	22			27		63.0	S
34.175.08R12	1/2	3/4	46	14	32			36		40.0	S
34.175.08R16	1/2	1	49	14	35			41		40.0	S
34.175.08R20	1/2	1 1/4	53	14	39			55		40.0	S
34.175.12R08	3/4	1/2	41	16	25			32		40.0	S
34.175.12R16	3/4	1	51	16	35			41		40.0	S
34.175.12R20	3/4	1 1/4	55	16	26			42		40.0	S
34.175.12R24	3/4	1 1/2	57	16	41			60		31.5	S
34.175.16R12	1	3/4	47	18	29			41		40.0	S
34.175.16R20	1	1 1/4	57	18	39			55		40.0	S
34.175.16R24	1	1 1/2	59	18	41			60		31.5	S
34.175.20R16	1 1/4	1	52	20	32			50		40.0	S
34.175.20R24	1 1/4	1 1/2	60	20	40			60		31.5	S

also available:

Balfit® Stainless Steel 24° Compression Ring

(add an 'S' at the end of the part number; ex: 34.174.16R20)

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Balfit[®] Compression Ring Pipe Fittings

Balfit[®] BSP Plug with Hexagon Socket – 34.176.

carbon steel parallel BSP thread plug with hollow hexagon socket

Balfit[®] Metric Plug with Hexagon Socket – 34.177.

carbon steel parallel Metric thread plug with hollow hexagon socket



According to **ISO 8434-1** According to **DIN 2353**

Material: Carbon Steel

Finish: Zinc-plated

part number	Ø tube	thread	dimensions						working pressure	ISO series
	mm	G / M	Ø	L	L1		H	Ø	MPa	
34.176.R02		1/8	14	12	8		5		40.0	S
34.176.R04		1/4	19	17	12		6		40.0	S
34.176.R06		3/8	22	17	12		8		40.0	S
34.176.R08		1/2	27	19	14		10		40.0	S
34.176.R12		3/4	32	21	16		12		40.0	S
34.176.R16		1	40	22,5	16		17		40.0	S
34.176.R20		1-1/4	50	22,5	16		22		25.0	S
34.176.R24		1-1/2	55	22,5	16		24		25.0	S
34.177.M10		10x1	14	12	8		5		40.0	S
34.177.M12		12x1,5	17	17	12		6		40.0	S
34.177.M14		14x1,5	19	17	12		6		40.0	S
34.177.M16		16x1,5	22	17	12		8		40.0	S
34.177.M18		18x1,5	24	17	12		8		40.0	S
34.177.M20		20x1,5	26	19	14		10		40.0	S
34.177.M22		22x1,5	27	19	14		10		40.0	S
34.177.M26		26x1,5	32	21	16		12		40.0	S
34.177.M27		27x2	32	21	16		12		40.0	S
34.177.M33		33x2	40	22,5	16		17		40.0	S
34.177.M42		42x2	50	22,5	16		22		25.0	S
34.177.M48		48x2	55	22,5	16		24		25.0	S

also available:

Balfit[®] Stainless Steel 24° Compression Ring

(add an 'S' at the end of the part number; ex: 34.176.R04S)

Balfit[®] Stainless Steel 24° Compression Ring

(add an 'S' at the end of the part number; ex: 34.177.M42S)

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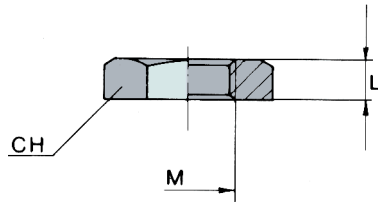
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Balfit® Compression Ring Pipe Fittings



Balfit® Metric Bulkhead Nut – 34.179.

carbon steel parallel Metric thread nut for bulkhead connectors



According to **ISO 8434-1** According to **DIN 2353**

Material: Carbon Steel

Finish: Zinc-plated

part number	Ø tube		thread	dimensions						ISO series	
	mm	mm		M	L	H					
34.179.M12	6 L		12x1,5	6	17						L
34.179.M14	8 L	6 S	14x1,5	6	19						L/S
34.179.M16	10 L	8 S	16x1,5	6	22						L/S
34.179.M18	12 L	10 S	18x1,5	6	24						L/S
34.179.M20		12 S	20x1,5	6	27						S
34.179.M22	15 L	14 S	22x1,5	7	30						L/S
34.179.M24		16 S	24x1,5	7	32						S
34.179.M26	18 L		26x1,5	8	36						L
34.179.M30	22 L	20 S	30x2	8	41						L/S
34.179.M36	28 L	25 S	36x2	9	46						L/S
34.179.M42		30 S	42x2	9	50						S
34.179.M45	35 L		45x2	9	55						L
34.179.M52	42 L	38 S	52x2	10	65						L/S

also available:

Balfit® Stainless Steel 24° Compression Ring

(add an 'S' at the end of the part number; ex: 34.179.M45)

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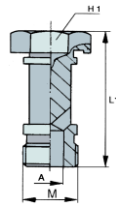
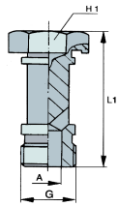
Balfit[®] Compression Ring Pipe Fittings

Balfit[®] Banjo BSP Allow Screw – 34.181.

carbon steel parallel BSP thread banjo allow screw

Balfit[®] Banjo Metric Allow Screw – 34.182.

carbon steel parallel Metric thread banjo allow screw



According to **ISO 8434-1** According to **DIN 2353**

Material: Carbon Steel

Finish: Zinc-plated

part number	Ø tube	thread	dimensions						ISO series
	mm	G / M	Ø	L	L1		H	Ø	
34.181.R02		1/8	4	32	17				L/S
34.181.R04		1/4	5	44	19				L/S
34.181.R06		3/8	8	50,5	24				L/S
34.181.R08		1/2	10	60,5	30				L/S
34.181.R12		3/4	14,5	70	36				L/S
34.181.R16		1	21	84,5	46				L/S
34.181.R20		1-1/4	26	100	55				L/S
34.181.R24		1-1/2	30	112	60				L/S

34.182.M08	8x1	3	32	14					L/S
34.182.M10	10x1	4	32	17					L/S
34.182.M12	12x1,5	4	44	19					L/S
34.182.M14	14x1,5	5	44	19					L/S
34.182.M16	16x1,5	8	50,5	24					L/S
34.182.M18	18x1,5	8	54	27					L/S
34.182.M20	20x1,5	10	59	30					L/S
34.182.M22	22x1,5	10	60,5	30					L/S
34.182.M26	26x1,5	14,5	70	36					L/S
34.182.M27	27x2	14,5	70	36					L/S
34.182.M33	33x2	21	84,5	46					L/S
34.182.M42	42x2	26	100	55					L/S
34.182.M48	48x2	30	112	60					L/S

also available:

Balfit[®] Stainless Steel 24° Compression Ring

(add an 'S' at the end of the part number; ex: 34.181.R12)

Balfit[®] Stainless Steel 24° Compression Ring

(add an 'S' at the end of the part number; ex: 34.182.M18)

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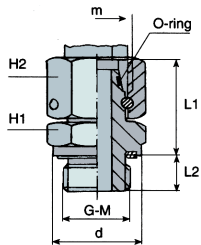
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Balfit® Compression Ring Pipe Fittings



Balfit® BSP Male Swivel Adapter – 34.605.

carbon steel parallel BSP thread male stud 24° compression fitting swivel adapter



24° compression fitting according to **DIN 3865 form B**

Material: Carbon Steel
Finish: Zinc-plated

part number	Ø tube	thread	dimensions							working pressure	ISO series
	mm	G	d	L1	L2	H1	H2	M	O-ring	MPa	
34.605.06LR02	6	1/8	14	24,5	8	14	14	12x1,5	4x1,5	31.5	L
34.605.08LR04	8	1/4	19	29,5	12	19	17	14x1,5	6x1,5	31.5	L
34.605.10LR04	10	1/4	19	27,5	12	19	19	16x1,5	7,5x1,5	31.5	L
34.605.12LR06	12	3/8	22	34	12	22	22	18x1,5	9x1,5	31.5	L
34.605.15LR08	15	1/2	27	32	14	27	27	22x1,5	12x2	31.5	L
34.605.18LR08	18	1/2	27	31,5	14	27	32	26x1,5	15x2	31.5	L
34.605.22LR12	22	3/4	32	32,5	16	32	36	30x2	20x2	16.0	L
34.605.28LR16	28	1	40	35	18	41	41	36x2	26x2	16.0	L
34.605.35LR20	35	1-1/4	50	42,5	20	50	50	45x2	32x2,5	16.0	L
34.605.42LR24	42	1-1/2	55	46,5	22	55	60	52x2	38x2,5	16.0	L
34.605.06SR04	6	1/4	19	27	12	19	17	14x1,5	4x1,5	63.0	S
34.605.08SR04	8	1/4	19	29,5	12	19	19	16x1,5	6x1,5	63.0	S
34.605.10SR06	10	3/8	22	32	12	22	22	18x1,5	7,5x1,5	63.0	S
34.605.12SR06	12	3/8	22	34	12	22	24	20x1,5	9x1,5	63.0	S
34.605.14SR08	14	1/2	27	36,5	14	27	27	22x1,5	10x2	63.0	S
34.605.16SR08	16	1/2	27	37	14	27	30	24x1,5	12x2	40.0	S
34.605.20SR12	20	3/4	32	43	16	32	36	30x2	16,3x2,4	40.0	S
34.605.25SR16	25	1	40	48	18	41	46	36x2	20,3x2,4	40.0	S
34.605.30SR20	30	1-1/4	50	51	20	50	50	42x2	25,3x2,4	40.0	S
34.605.38SR24	38	1-1/2	55	60	22	55	60	52x2	33,3x2,4	31.5	S

also available:

Balfit® Stainless Steel 24° Compression Ring

(add an 'S' at the end of the part number; ex: 34.605.SR08)

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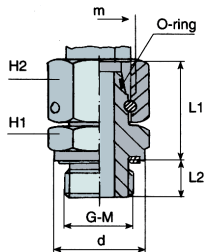
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Balfit[®] Compression Ring Pipe Fittings

Balfit[®] METRIC Male Swivel Adapter – 34.606.

carbon steel parallel Metric thread male stud 24° compression fitting swivel adapter



24° compression fitting according to **DIN 3865 form B**

Material: Carbon Steel
Finish: Zinc-plated

part number	Ø tube	thread	dimensions								working pressure	ISO series
			mm	M	d	L1	L2	H1	H2	m		
34.606.06LM10	6	10x1	14	24,5	8	14	14	12x1,5	4x1,5	31.5	L	
34.606.08LM12	8	12x1,5	17	26,5	12	17	17	14x1,5	6x1,5	31.5	L	
34.606.10LM14	10	14x1,5	19	27,5	12	19	19	16x1,5	7,5x1,5	31.5	L	
34.606.12LM16	12	16x1,5	22	30,5	12	22	22	18x1,5	9x1,5	31.5	L	
34.606.15LM18	15	18x1,5	24	31,5	12	24	27	22x1,5	12x2	31.5	L	
34.606.18LM22	18	22x1,5	27	31,5	14	27	32	26x1,5	15x2	31.5	L	
34.606.22LM26	22	26x1,5	32	32,5	16	32	36	30x2	20x2	16.0	L	
34.606.28LM33	28	33x2	40	35	18	41	41	36x2	26x2	16.0	L	
34.606.35LM42	35	42x2	50	42,5	20	50	50	45x2	32x2,5	16.0	L	
34.606.42LM48	42	48x2	55	46,5	22	55	60	52x2	38x2,5	16.0	L	
34.606.06SM12	6	12x1,5	17	27	12	17	17	14x1,5	4x1,5	63.0	S	
34.606.08SM14	8	14x1,5	19	29,5	12	19	19	16x1,5	6x1,5	63.0	S	
34.606.10SM16	10	16x1,5	22	32	12	22	22	18x1,5	7,5x1,5	63.0	S	
34.606.12SM18	12	18x1,5	24	34	12	24	24	20x1,5	9x1,5	63.0	S	
34.606.14SM20	14	20x1,5	26	36,5	14	27	27	22x1,5	10x2	63.0	S	
34.606.16SM22	16	22x1,5	27	37	14	27	30	24x1,5	12x2	40.0	S	
34.606.20SM27	20	27x2	32	43	16	32	36	30x2	16,3x2,4	40.0	S	
34.606.25SM33	25	33x2	40	48	18	41	46	36x2	20,3x2,4	40.0	S	
34.606.30SM42	30	42x2	50	51	20	50	50	42x2	25,3x2,4	40.0	S	
34.606.38SM48	38	48x2	55	60	22	55	60	52x2	33,3x2,4	31.5	S	

also available:

Balfit[®] Stainless Steel 24° Compression Ring

(add an 'S' at the end of the part number; ex: 34.606.20SM27)

Construction characteristics and dimensions may be changed at any time without prior notice.

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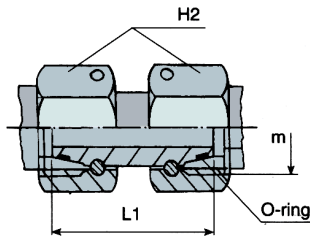
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Balfit® Compression Ring Pipe Fittings



Balfit® Metric Swivel Union – 34.635.

carbon steel parallel Metric thread 24° compression fitting swivel union



24° compression fitting according to **DIN 3865 form B**

Material: Carbon Steel
Finish: Zinc-plated

part number	Ø tube mm	dimensions							working pressure MPa	ISO series
		L1	H2				m	O-ring		
34.635.06L	6	37	14				12x1,5	4x1,5	31.5	L
34.635.08L	8	37	17				14x1,5	6x1,5	31.5	L
34.635.10L	10	38	19				16x1,5	7,5x1,5	31.5	L
34.635.12L	12	38	22				18x1,5	9x1,5	31.5	L
34.635.15L	15	42	27				22x1,5	12x2	31.5	L
34.635.18L	18	40	32				26x1,5	15x2	31.5	L
34.635.22L	22	47	36				30x2	20x2	16.0	L
34.635.28L	28	48	41				36x2	26x2	16.0	L
34.635.35L	35	56	50				45x2	32x2,5	16.0	L
34.635.42L	42	56	60				52x2	38x2,5	16.0	L
34.635.06S	6	38	17				14x1,5	4x1,5	63.0	S
34.635.08S	8	38	19				16x1,5	6x1,5	63.0	S
34.635.10S	10	41	22				18x1,5	7,5x1,5	63.0	S
34.635.12S	12	42	24				20x1,5	9x1,5	63.0	S
34.635.14S	14	45	27				22x1,5	10x2	63.0	S
34.635.16S	16	47	30				24x1,5	12x2	40.0	S
34.635.20S	20	55	36				30x2	16,3x2,4	40.0	S
34.635.25S	25	59	46				36x2	20,3x2,4	40.0	S
34.635.30S	30	62	50				42x2	25,3x2,4	40.0	S
34.635.38S	38	67	60				52x2	33,3x2,4	31.5	S

also available:

Balfit® Stainless Steel 24° Compression Ring

(add an 'S' at the end of the part number; ex: 34.635.12S)

Construction characteristics and dimensions may be changed at any time without prior notice.

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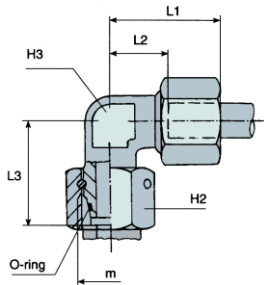
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Balfit® Compression Ring Pipe Fittings

Balfit® Swivel Elbow Adapter – 34.642.

carbon steel 24° compression fitting swivel 24° compression ring standpipe adapter



24° compression fitting according to **DIN 3865 form B**

Material: Carbon Steel

Finish: Zinc-plated

part number	Ø tube		dimensions								working pressure	ISO series
	mm		L1	L2	L3	H2	H3	m	O-ring	MPa		
34.642.06LM12	6	27	12	26	14	12		12x1,5	4x1,5	31.5	L	
34.642.08LM14	8	29	14	27,5	17	12		14x1,5	6x1,5	31.5	L	
34.642.10LM16	10	30	15	29	19	14		16x1,5	7,5x1,5	31.5	L	
34.642.12LM18	12	32	17	29,5	22	17		18x1,5	9x1,5	31.5	L	
34.642.15LM22	15	36	21	32,5	27	19		22x1,5	12x2	31.5	L	
34.642.18LM26	18	40	23,5	35,5	32	24		26x1,5	15x2	31.5	L	
34.642.22LM30	22	44	27,5	38,5	36	27		30x2	20x2	16.0	L	
34.642.28LM36	28	47	30,5	41,5	41	36		36x2	26x2	16.0	L	
34.642.35LM45	35	56	34,5	51	50	41		45x2	32x2,5	16.0	L	
34.642.42LM52	42	63	40	56	60	50		52x2	38x2,5	16.0	L	
34.642.06SM14	6	31	16	27	17	12		14x1,5	4x1,5	63.0	S	
34.642.08SM16	8	32	17	27,5	19	14		16x1,5	6x1,5	63.0	S	
34.642.10SM18	10	34	17,5	30	22	17		18x1,5	7,5x1,5	63.0	S	
34.642.12SM20	12	38	21,5	31	24	17		20x1,5	9x1,5	63.0	S	
34.642.14SM22	14	40	22	35	27	19		22x1,5	10x2	63.0	S	
34.642.16SM24	16	43	24,5	36,5	30	24		24x1,5	12x2	40.0	S	
34.642.20SM30	20	48	26,5	44,5	36	27		30x2	16,3x2,4	40.0	S	
34.642.25SM36	25	54	30	50	46	36		36x2	20,3x2,4	40.0	S	
34.642.30SM42	30	62	35,5	55	50	41		42x2	25,3x2,4	40.0	S	
34.642.38SM52	38	72	41	63	60	50		52x2	33,3x2,4	31.5	S	

also available:

Balfit® Stainless Steel 24° Compression Ring

(add an 'S' at the end of the part number; ex: 34.642.12SM20)

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Balflex[®] DIN 2391 C Tube



Balflex[®] DIN 2391 C St 37.4 NBK Tube – 34.205.

cold drawn seamless tube DIN 2391 C St 37.4 NBK



Cold Finished Seamless (Hydraulic and Pneumatic)

According to DIN 2391/C steel
in accordance with DIN 1630 ST37.4 NBK

Material: Steel

Dimensions and tolerances according to DIN 2391 – EN ISO 10305-4 (ISO 3304).

All Balflex[®] pipes are normalized and controlled.

The Working Pressure indicated are valid for standard operation conditions at temperatures of: - 40°C (- 40°F) to +120°C (+ 248°F).

Balflex Part. Number	Specification Tube (O.D x W.T)	Inner Diameter	Outside Diameter	Wall Thickness	Working Pressure	
					MPa	PSI
	mm	mm	mm	mm	MPa	PSI
34.205.0410	4 x 1	2,0	4,0	1,0	52,2	7569
34.205.0610	6 x 1	4,0	6,0	1,0	50,9	7380
34.205.0615	6 x 1,5	3,0	6,0	1,5	82,5	11963
34.205.0620	6 x 2	2,0	6,0	2,0	98,5	14282
34.205.0810	8 x 1	6,0	8,0	1,0	36,7	5322
34.205.0815	8 x 1,5	5,0	8,0	1,5	58,3	8454
34.205.0820	8 x 2	4,0	8,0	2,0	82,5	11963
34.205.0825	8 x 2,5	3,0	8,0	2,5	93,5	13558
34.205.1010	10 x 1	8,0	10,0	1,0	28,7	4162
34.205.1015	10 x 1,5	7,0	10,0	1,5	45,0	6525
34.205.1020	10 x 2	6,0	10,0	2,0	63,0	9135
34.205.1025	10 x 2,5	5,0	10,0	2,5	72,5	10513
34.205.1215	12 x 1,5	9,0	12,0	1,5	36,7	5322
34.205.1220	12 x 2	8,0	12,0	2,0	50,8	7366
34.205.1225	12 x 2,5	7,0	12,0	2,5	66,0	9570
34.205.1415	14 x 1,5	11,0	14,0	1,5	25,6	3712
34.205.1420	14 x 2	10,0	14,0	2,0	42,6	6177
34.205.1515	15 x 1,5	12,0	15,0	1,5	28,7	4162
34.205.1520	15 x 2	11,0	15,0	2,0	39,4	5713
34.205.1615	16 x 1,5	13,0	16,0	1,5	22,4	3248
34.205.1620	16 x 2	12,0	16,0	2,0	36,7	5322
34.205.1625	16 x 2,5	11,0	16,0	2,5	47,1	6830
34.205.1630	16 x 3	10,0	16,0	3,0	49,9	7236

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Balflex® DIN 2391 C Tube

Balflex® DIN 2391 C St 37.4 NBK Tube – 34.205.

cold drawn seamless tube DIN 2391 C St 37.4 NBK



Cold Finished Seamless (Hydraulic and Pneumatic)

According to DIN 2391/C steel
in accordance with DIN 1630 ST37.4 NBK

Material: Steel

Dimensions and tolerances according to DIN 2391 – EN ISO 10305-4 (ISO 3304).

All Balflex® pipes are normalized and controlled.

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Balflex Part. Number	Specification Tube (O.D x W.T)	Inner Diameter	Outside Diameter	Wall Thickness	Working Pressure	
					MPa	PSI
	mm	mm	mm	mm		
34.205.1815	18 x 1,5	15,0	18,0	1,5	23,6	3422
34.205.1820	18 x 2	14,0	18,0	2,0	32,2	4669
34.205.2020	20 x 2	16,0	20,0	2,0	23,9	3466
34.205.2025	20 x 2,5	15,0	20,0	2,5	36,7	5322
34.205.2030	20 x 3	14,0	20,0	3,0	45,1	6540
34.205.2040	20 x 4	12,0	20,0	4,0	47,9	6946
34.205.2215	22 x 1,5	19,0	22,0	1,5	16,3	2364
34.205.2220	22 x 2	18,0	22,0	2,0	25,9	3756
34.205.2225	22 x 2,5	17,0	22,0	2,5	27,2	3944
34.205.2520	25 x 2	21,0	25,0	2,0	19,1	2770
34.205.2525	25 x 2,5	20,0	25,0	2,5	28,7	4162
34.205.2530	25 x 3	19,0	25,0	3,0	38,5	5583
34.205.2540	25 x 4	17,0	25,0	4,0	48,4	7018
34.205.2820	28 x 2	24,0	28,0	2,0	20,0	2900
34.205.2825	28 x 2,5	23,0	28,0	2,5	23,3	3379
34.205.2830	28 x 3	22,0	28,0	3,0	27,6	4002
34.205.2840	28 x 4	20,0	28,0	4,0	53,7	7787
34.205.3020	30 x 2	26,0	30,0	2,0	15,9	2306
34.205.3030	30 x 3	24,0	30,0	3,0	28,7	4162
34.205.3040	30 x 4	22,0	30,0	4,0	40,0	5800
34.205.3520	35 x 2	31,0	35,0	2,0	14,2	2059
34.205.3530	35 x 3	29,0	35,0	3,0	24,3	3524
34.205.3825	38 x 2,5	33,0	38,0	2,5	16,4	2378

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Balflex[®] DIN 2391 C Tube



Balflex[®] DIN 2391 C St 37.4 NBK Tube – 34.205.

cold drawn seamless tube DIN 2391 C St 37.4 NBK



Cold Finished Seamless (Hydraulic and Pneumatic)

According to DIN 2391/C steel
in accordance with DIN 1630 ST37.4 NBK

Material: Steel

Dimensions and tolerances according to DIN 2391 – EN ISO 10305-4 (ISO 3304).

All Balflex[®] pipes are normalized and controlled.

The Working Pressure indicated are valid for standard operation conditions at temperatures of: - 40°C (- 40°F) to +120°C (+ 248°F).

Balflex Part. Number	Specification Tube (O.D x W.T)	Inner Diameter	Outside Diameter	Wall Thickness	Working Pressure	
					MPa	PSI
	mm	mm	mm	mm		
34.205.3830	38 x 3	32,0	38,0	3,0	19,7	2857
34.205.3835	38 x 3,5	31,0	38,0	3,5	23,4	3393
34.205.3840	38 x 4	30,0	38,0	4,0	26,3	3814
34.205.3845	38 x 4,5	29,0	38,0	4,5	28,5	4133
34.205.3850	38 x 5	28,0	38,0	5,0	38,8	5626
34.205.3860	38 x 6	26,0	38,0	6,0	40,9	5931
34.205.4220	42 x 2	38,0	42,0	2,0	11,9	1726
34.205.4230	42 x 3	36,0	42,0	3,0	20,0	2900
34.205.4240	42 x 4	34,0	42,0	4,0	23,8	3451
34.205.5030	50 x 3	44,0	50,0	3,0	14,9	2161
34.205.6030	60 x 3	54,0	60,0	3,0	12,4	1798

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