

ADAPTORS

PRODUCT CATALOGUE 2012/2013



dedicated to service

fluiconnector
— by manuli® —

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WHO WE ARE

WHO WE ARE

Fluiconnecto is one of the leading companies in the global fluid-conector end-user market, providing tailored solutions for the mining, drilling and general industry. Located in 15 countries, Fluiconnecto operates over 135 service points, 40 service vans and 30 workshops on-site.

Fluiconnecto is a 100 % owned division of Manuli Rubber Industries, the world's leading privately owned manufacturer and engineering company in the field of hydraulic hoses and associated products with an annual turnover of more than € 320 million.

WHAT WE DO

Customer service, commitment and quality come first in our organization. We commit to deliver innovative solutions in a competitive market thus positioning us at the forefront of future development and technology.

The promise embraced by Manuli Fluiconnecto is that the brand is recognized as a world class service provider thanks to:

- commitment and drive to satisfy the customer needs
- quick response, short delivery times and wide product range
- quality solutions, expert knowledge and value added services
- extensive network and willingness to follow the customers where business opportunities arise

Our daily activities encompass

- Distribution of hydraulic products for agriculture, earth-moving, transport, mining, material handling, lifting, industrial cleaning, general industry and many others.
- Technical support service offered to all our customers driven by know how and experience.
- Hose assembly production through our Service Points, completely equipped to assure a prompt delivery.
- A complete stock level of all products to provide full availability.

HOW WE WORK TOGETHER

You can contact us in various ways:

- Come to our Service Point, we serve while waiting
- Send your order, we deliver your solution on time at the required location (Delivery Service)

- Call us, we pick up the broken assembly, prepare and deliver you a new one (PickUp & Delivery Service).
- We come to you and prepare your solution on site at your location (Service On Site vehicle)
- We provide you with a fully equipped container or Workshop-On-Site embedded within your operation

CURRENT NETWORK

Fluiconnecto manages an ever growing network of Service Points, Service-On-Site vans and Workshops-On-Site.

Europe: through over 100 Service Points and a fleet of Service-On-Site mobile vans in Benelux, France, Poland, Czech Republic, Hungary and Lithuania

Africa & Middle East: through Service Points, Workshops-On-Site and service vans in South Africa, Botswana and the Emirates

Asia Pacific: through Service Points, Workshops-On-Site and service vans in Singapore, China, Indonesia and Australia

South America: through Service Points and Workshops-On-Site in Argentina

Fluiconnecto Holding: located in Amersfoort, the Netherlands

HISTORY

Fluiconnecto experience starts more than 25 years ago, when So.na.tra (SOciété NAntese de TRAnsmiSSion) was founded in 1981, in La Chapelle sur Erdre France, near Nantes. Ever since, the network expanded into a total of 15 countries on 5 continents, making it a truly international service network. Until today, we strive to offer our products and services with local customer proximity, assuring peace of mind, wherever they are.

1994 Acquisition of So.Na.Tra. (then named Manuli Sonatra), a French retail company founded in 1981, active in the hydraulic sector and market leader in providing a global product offer and technical know how.

2002 Opening of the first Service Point Fluiconnecto in Myslowice, Poland.

2006 New network development in Lithuania, Latvia, Ukraine, Czech Rep., Hungary and Argentina. The distribution network is regrouped under the Fluiconnecto by Manuli brand..

Opening of the new CEE Warehouse based in Tychy – Silesia, Poland.

2007 Service Point network grows to over 90 in 9 countries.

WHO WE ARE

Fluiconnecto Benelux acquires the Dutch Hebu Group, a leading retail company established in 1940, with focus on hydraulics, operating through 16 Service Points throughout the Netherlands and 1 Service Point in Belgium.

2008 Fluiconnecto South Africa opens a Service Point in Johannesburg and acquires Powerforce Hydraulics in Witbank.

Acquisition of SIN AA Hydraulic & Trading Pte Ltd in Singapore (renamed Fluiconnecto) a leading company with a focus on hydraulics providing advanced maintenance services to the construction industry and the other sectors in the Singapore market.

2009 Manuli Hydraulics Australia migrated to Fluiconnecto network opening 3 Service Points.

Global network reaches more than 120 Service Points, 5 Workshops-On-Site and about 25 Service-On-Site vans.

2010 Fluiconnecto acquires the assets of the Hungarian Hidro Toth, a local company operating through 3 Service Points located in the Johannesburg – Pretoria area, raising the total number of Service Points in the country to 8.

New Service Point Makay in Australia is opened, focusing on the mining industry in the Queensland area

Fluiconnecto South Africa acquired Hydra-Quip, a local company operating through 3 Service Points located in the Johannesburg - Pretoria area, raising the total number of Service Points in the country to 8.

2011 Fluiconnecto by Manuli South Africa acquired Hydra-Quip, a local company operating through 3 Service Points located in the Johannesburg - Pretoria area, raising the total number of Service Points in the country to 8.

Opening of Fluiconnecto Indonesia, on the Island of Batam

Opening of Fluiconnecto China in Suzhou

Acquisition of Fluid Tech General Trading L.L.C., now Fluiconnecto UAE, based in the Emirate of Dubai

Opening of the second Service Point in Lithuania

Acquisition of the Australian Company FLOW SERVICES PTY LIMITED trading as Hose Xpress. Flow Services, based in Newcastle Australia, with its mobile fleet of vehicles and a dedicated workshop is focused to serve a diverse range of market sectors, including those in the mining, construction and marine industries.

2012

Acquisition of FLUID SYSTEMS BOTSWANA with 2 Service Points in Gabarone and Francistown, enjoying a prominent market position in a diverse range of market sectors, including those in the mining, construction and materials handling.

Manuli Fluiconnecto fulfills the customer needs through:



MARKETS

- Construction & public works
- Open pit & underground mining
- Material handling & logistics
- Industrial, cleaning & maintenance services
- Agriculture
- Forestry
- Naval & shipyards
- Oil, gas & energy

PRODUCTS & SERVICES

- High pressure hydraulic hoses & assemblies
- High pressure water hoses & assemblies
- Refrigeration hoses & assemblies
- Hose fittings
- Staple lock fitting & adaptors
- Pipes & clamps
- Bite-ring fittings
- Adaptors
- Quick release couplings
- Refrigeration connectors
- Assembling machines
- Pressure gauges
- Protection & safety accessories
- Sealing products
- Accessories
- Technical assistance
- Maintenance services
- Off-site maintenance
- On-site maintenance

KEY STRENGTHS

- International Service Points network
- Complete range for hydraulic and air conditioning applications
- Certified products
- Technical support services driven by field know-how

GLOBAL NETWORK

- Prompt product availability
- Over 130 Service Points in France, Benelux, Eastern Europe, Argentina, South Africa, Botswana, Dubai (UAE), Australia, Singapore, China and Indonesia
- 24h maintenance service operated by:
 - a fleet of Service vans
 - a group of Workshops-On-Site

CONTACTS

HEADQUARTERS

Argentina

Menéndez y Pelayo 1483
Don Torcuato
CP 1611 Buenos Aires, Argentina
T +54 11 4 727 6800
F +54 11 4 727 6200 ext. 107
E info@fluiconnecto.com.ar

Australia

18 Commercial Drive
Dandenong Victoria 3175, Australia
T +61 3 8792 0900
F +61 3 8792 0940
E info@fluiconnecto.com.au

Belgium

Noorderlaan 97a
2030 Antwerpen, Belgium
T +32 (0)3 5415495
F +32 (0)3 5417795
E info@fluiconnecto.be

Botswana

Plot 10225
Broadhurst Industrial Sites
Gaborone, Botswana
T +267 3912879
T +267 3914178
F +267 3973134
E mike@fluidsystemsbots.com

China

85 Xinglin Street, Zuzhou Industrial Park
216021, Jiangsu Province, China
T +86 512 6283 7099
F +86 512 6283 7399
E china@fluiconnecto.com

Czech Republic

Babíčkova 8a
779 00 Olomouc, Czech Republic
T +420 585 750 536 / +420 602 640 132
F +420 585 751 326
E olomouc@fluiconnecto.com

France

42-44, rue de Grande Bretagne / BP 60237
44472 CARQUEFOU CEDEX, Nantes, France
T +33 02 40 93 57 99
F +33 02 40 93 69 56
E std@fluiconnecto.fr

Hungary

Ócsai út 5
1239 Budapest, Hungary
T +36 1 287 30 33
F +36 1 286 25 43
E budapest@fluiconnecto.com

Indonesia

Lot 251 Jalan Kenanga
Batamindo Industrial Park
Batam Indonesia
T +62 770611709
F +62 770611719
E sales@fluiconnecto.co.id

Lithuania

Kirtimų g. 11
02300 Vilnius
T +370 5 2645810
F +370 5 2645820
E lithuania@fluiconnecto.com
M +370 685 73437

The Netherlands

Industrieterrein 'Stormpolder'
Van der Giessenweg 9
2921 LP Krimpen a/d IJssel
T +31 (0)180 511 411
F +31 (0)180 510 515
E info@hebu.nl

Poland

ul. Brzezińska 50
41-404 Mysłowice
T +48 32 222 01 35
F +48 32 222 01 39
E hq@fluiconnecto.pl

Singapore

3 Gul Circle
Singapore 629632
T +65 67909191
F +65 67909292
E singapore.west@fluiconnecto.com.sg

South Africa

183 Kuschke Street
Meadowdale Ext 3
Germiston Gauteng, South Africa
T +27 11 454 5155
F +27 11 454 5157
E neil.prenton@fluiconnecto.co.za

United Arab Emirates

P.O. Box 231512, Al Qusais Industrial Area no. 05
Dubai, United Arab Emirates
T +971 4 267 8171
F +971 4 267 8177
E dubai@fluiconnecto.ae

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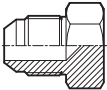
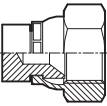
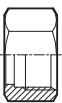
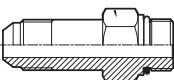
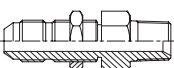
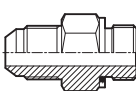
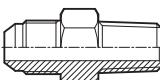
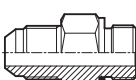
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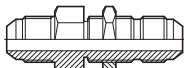
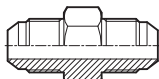
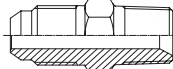
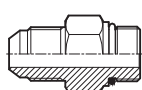
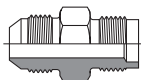
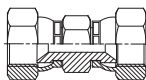
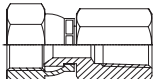
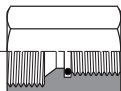
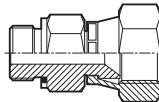
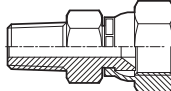
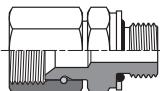
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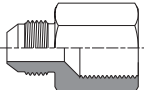
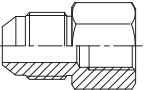
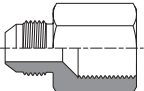
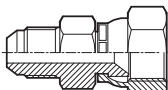
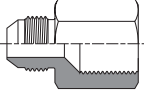
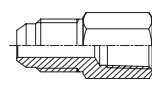
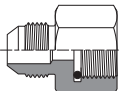
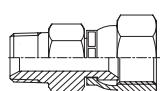
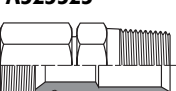
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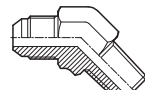
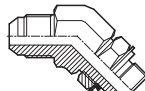
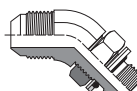
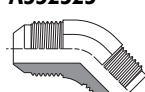
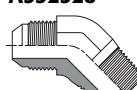
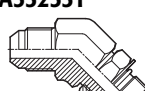
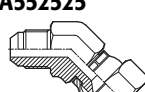
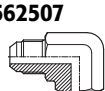
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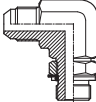
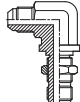
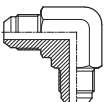
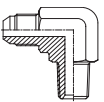
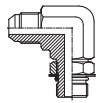
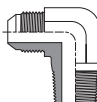
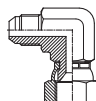
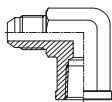
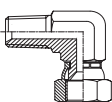
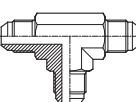
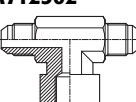
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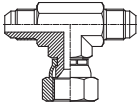
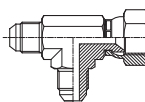
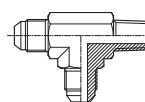
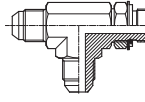
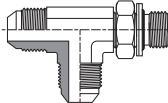
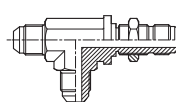
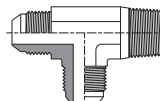
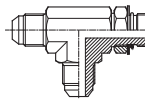
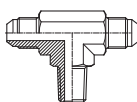
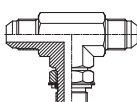
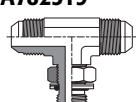
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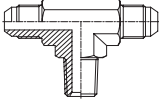
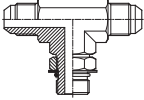
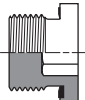
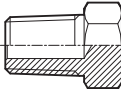
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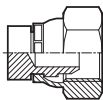
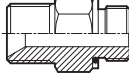
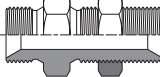
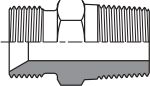
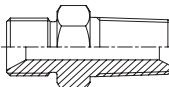
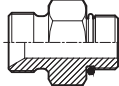
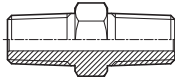
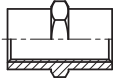
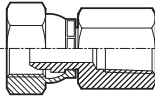
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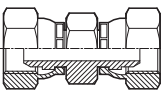
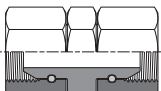
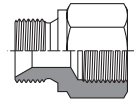
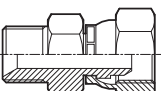
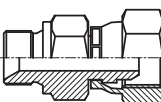
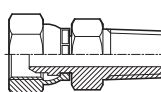
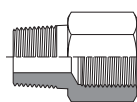
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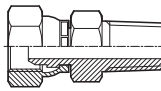
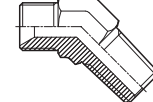
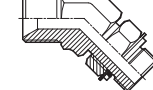
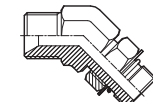
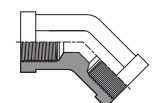
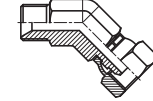
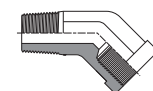
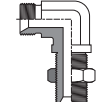
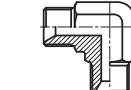
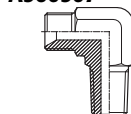
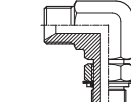
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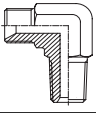
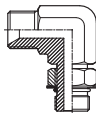
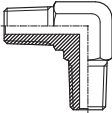
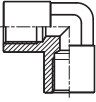
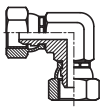
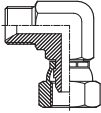
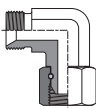
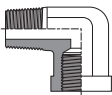
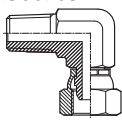
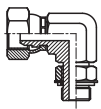
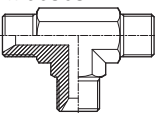
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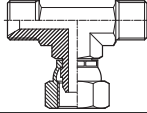
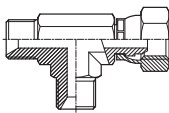
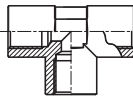
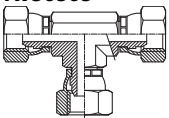
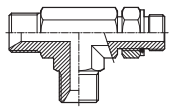
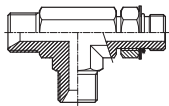
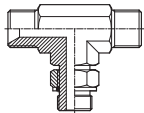
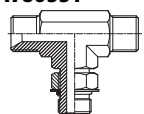
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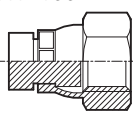
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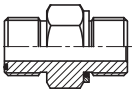
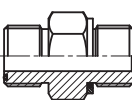
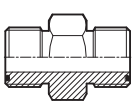
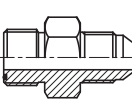
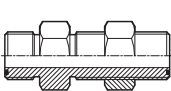
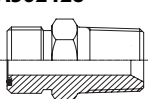
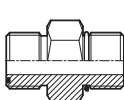
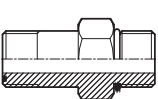
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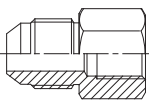
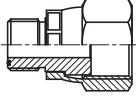
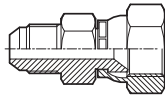
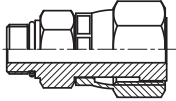
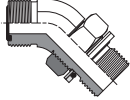
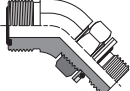
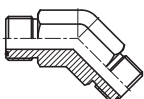
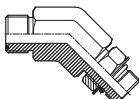
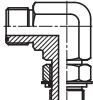
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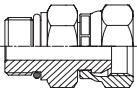
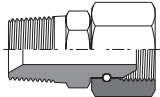
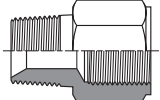
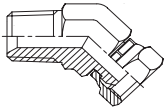
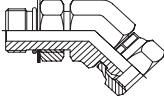
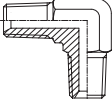
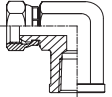
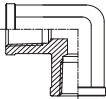
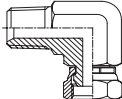
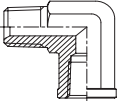
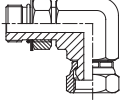
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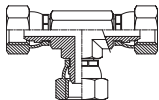
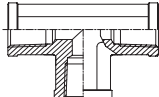
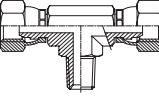
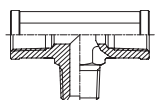
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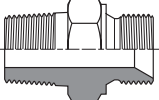
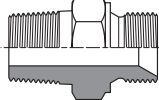
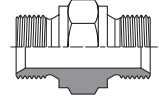
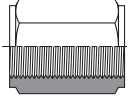
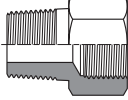
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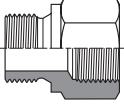
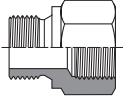
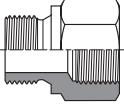
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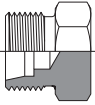
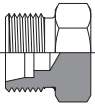
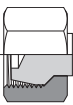
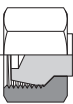
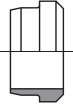
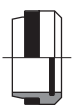


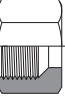
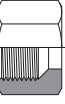
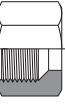
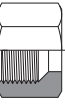
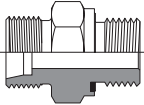
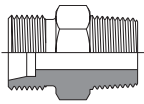
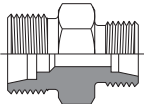
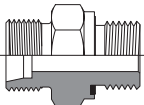
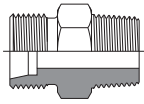
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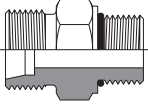
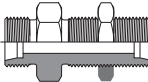
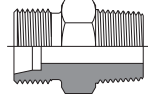
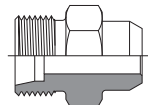
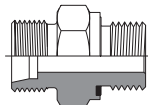
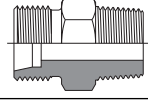
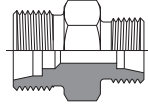
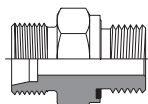
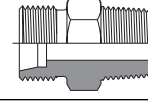
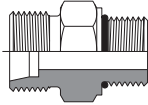
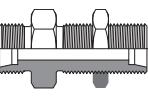
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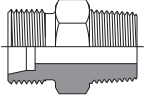
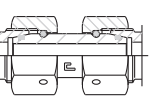
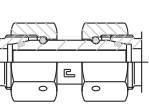
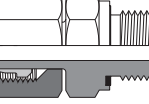
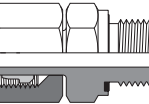
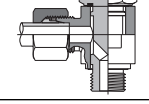
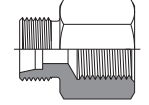
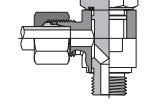
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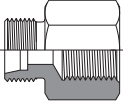
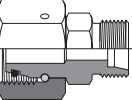
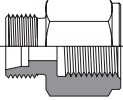
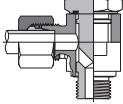
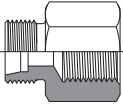
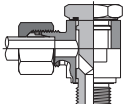
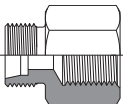
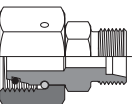
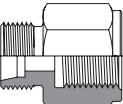
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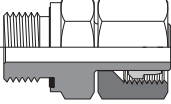
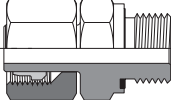
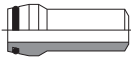
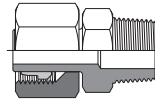
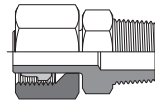
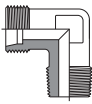
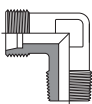
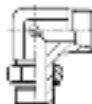
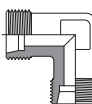
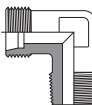
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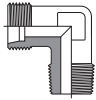
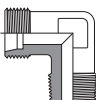
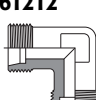
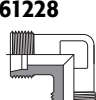
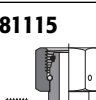
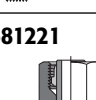
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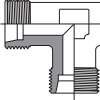
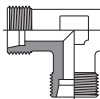
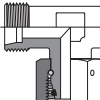
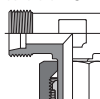
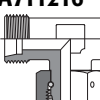
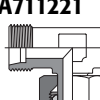
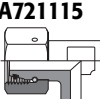
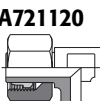
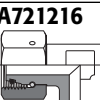
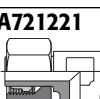
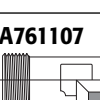
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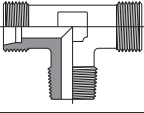
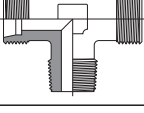
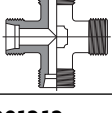
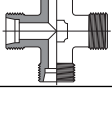
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ADAPTORS

THE CONCEPT

In order to make the best choice among the product groups, some key features are provided in the following table.

STEEL TUBE FITTINGS COMPARISON

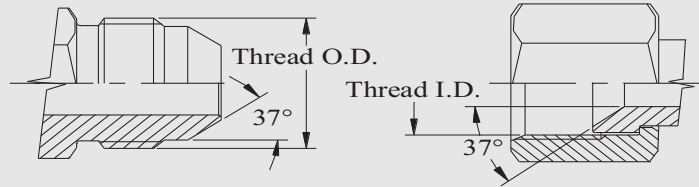
MAIN CHARACTERISTICS

FEATURE		JIC	BSP	ORFS	NPTF	NPSM
PERFORMANCE	Pressure Capability	Medium to High	Medium to High	Very High	Very High	Medium to High
	Seal Reliability	Good	Good	Excellent	Excellent	Good
	Vibration Resistance in Rigid Systems	Good	Very Good	Excellent	Excellent	Very Good
ASSEMBLY		Very Good	Good	Excellent	Excellent	Very Good
		Easy and quick tube preparation and good ease of installation	Easy and quick tube preparation and good ease of installation	Easy and quick tube preparation and excellent ease of installation	Easy and quick tube preparation and excellent ease of installation	Easy and quick tube preparation and good ease of installation
OIL SEAL TYPE		Metal to Metal	Metal to Metal	Elastomeric Seal	Sealing on the thread	Metal to Metal
TEMPERATURE CAPABILITY	Without O-Ring	(-50°C +260°C)	(-50°C +260°C)	NOT AVAILABLE	(-50°C +260°C)	(-50°C +260°C)
	With O-Ring	NOT AVAILABLE**	(-35°C +125°C)	(-35°C +125°C)	NOT AVAILABLE	NOT AVAILABLE
CURRENT USE		Used throughout the world	Mainly used in Japan & British Commonwealth countries	Mainly used in North America, gaining importance in Europe and Japan	Mainly used in the American market	Mainly used in the American market
SPECIFICATIONS		SAE J514 ISO 8434-2	BS 5200 ISO 8434-6	SAE J1453 ISO 8434-3	SAE J514	SAE J514

** For UNF SAE O-Ring male boss temperature capability is -31°F / +257°F -35°C /+ 125°C

ADAPTORS

TERMINATION ENDS SAE J514, 37° FLARE - JIC



This connection type is very common in hydraulic circuits. Both the male and female have a 37° cone seat. When the straight threads are engaged the seal takes place. The connection is held mechanically by the threads.

WARNING: In sizes -04, -05, -08, and -10, the threads of the SAE 37° and SAE 45° are the same but the connectors have different sealing angles.

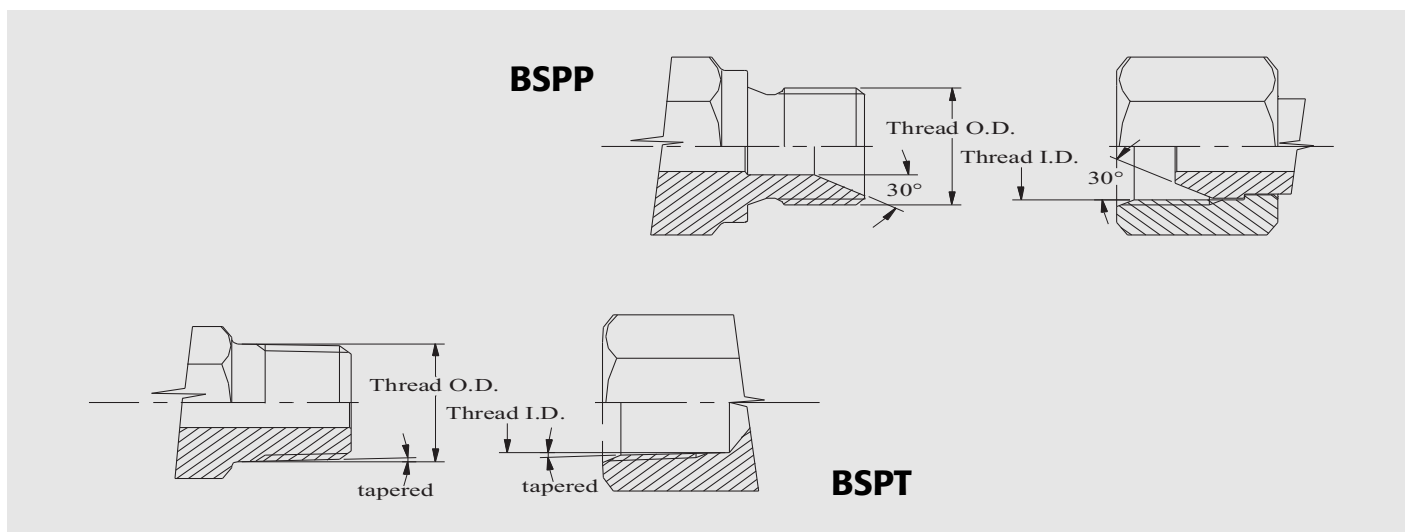
INCH SIZE	DASH	NOMINAL THREAD SIZE	MALE THREAD O.D.		FEMALE THREAD I.D.		WORKING PRESSURE		SUGGESTED TORQUE VALUES (NM)	
			mm	inch	mm	inch	bar	psi	min.	max.
1/4"	-04	7/16" - 20	11,2	0,44	9,9	0,39	350	5070	12	15
5/16"	-05	1/2" - 20	12,7	0,50	11,4	0,45	350	5070	18	22
3/8"	-06	9/16" - 18	14,2	0,56	12,9	0,51	350	5070	24	32
1/2"	-08	3/4" - 16	19,0	0,75	17,0	0,67	350	5070	45	52
5/8"	-10	7/8" - 14	22,3	0,88	20,3	0,80	350	5070	68	80
3/4"	-12	1.1/16" - 12	26,9	1,06	24,9	0,98	350	5070	93	105
7/8"	-14	1.3/16" - 12	30,0	1,18	27,7	1,09	280	4060	115	130
1"	-16	1.5/16" - 12	33,3	1,31	31,0	1,22	280	4060	130	148
1.1/4"	-20	1.5/8" - 12	41,4	1,63	39,1	1,54	210	3040	175	192
1.1/2"	-24	1.7/8" - 12	47,7	1,88	45,5	1,79	160	2320	215	230

If You wish to order a fitting/ ferrule/ adaptor in stainless, please add at the end of code .SS

ADAPTORS

TERMINATION ENDS

British Standard Pipe - BSP (BSPP Parallel-ISO 228-PT & BSPT Tapered-ISO 7-PT)



The British connection has two types of threads: BSPP and BSPT.

The BSPP thread is parallel and the male has a 30° flare seat which seals with a BSPP female on its 30° cone seat. The threads hold the connection mechanically.

The BSPT male thread is tapered and usually mates with a port. The seal takes place by thread distortion, therefore sealant is recommended.

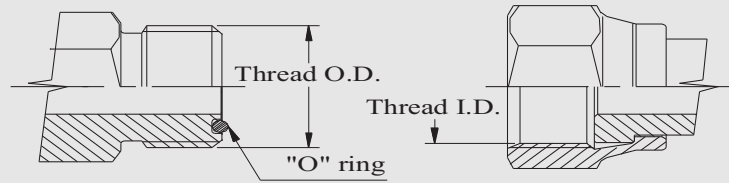
The BSPP/BSPT are similar to NPSM/NPT American connections with exception for the thread pitch that is different in most sizes.

INCH SIZE	DASH	NOMINAL THREAD SIZE	MALE THREAD O.D.		FEMALE THREAD I.D.		WORKING PRESSURE		SUGGESTED TORQUE VALUES (NM)	
			mm	inch	mm	inch	bar	psi	min.	max.
1/8"	- 02	1/8" - 28	9,728	0,38	8,566	0,34	350	5070	10	12
1/4"	- 04	1/4" - 19	13,157	0,52	11,445	0,45	500	7250	15	20
3/8"	- 06	3/8" - 19	16,662	0,66	14,950	0,59	460	6670	25	32
1/2"	- 08	1/2" - 14	20,955	0,83	18,631	0,73	430	6230	45	55
5/8"	- 10	5/8" - 14	22,911	0,90	20,587	0,81	350	5070	55	65
3/4"	- 12	3/4" - 14	26,441	1,04	24,117	0,95	350	5070	80	93
1"	- 16	1" - 11	33,249	1,31	30,291	1,19	280	4060	104	120
1.1/4"	- 20	1.1/4" - 11	41,910	1,65	38,952	1,53	160	2320	150	170
1.1/2"	- 24	1.1/2" - 11	47,803	1,88	44,845	1,77	125	1810	210	230

If You wish to order a fitting/ ferrule/ adaptor in stainless, please add at the end of code .SS

ADAPTORS

TERMINATION ENDS O-RING FACE SEAL (ORFS) - SAE J1453 / ISO 8434-3



This connection offers the best leakage control available in the market and it is designed to work with very high pressures.

The male has a straight thread with an O-ring in the face. The female has a straight thread with a machined flat face. The seal is made by the compression of the O-ring onto the female flat face and the connection is mechanically held in place by the threads.

INCH SIZE	DASH	NOMINAL THREAD SIZE	MALE THREAD O.D.		FEMALE THREAD I.D.		WORKING PRESSURE		SUGGESTED TORQUE VALUES (NM)		O-RING DIMENSIONS
			mm	inch	mm	inch	bar	psi	min.	max.	
1/4"	- 04	9/16" - 18	14,2	0,56	12,9	0,51	460	6670	15	18	7,65x1,78
3/8"	- 06	11/16" - 16	17,3	0,68	16,0	0,63	460	6670	24	28	9,25x1,78
1/2"	- 08	13/16" - 16	20,6	0,81	19,0	0,75	420	6090	43	50	12,42x1,78
5/8"	- 10	1" - 14	25,4	1,00	23,6	0,93	420	6090	62	68	15,6x1,78
3/4"	- 12	1.3/16" - 12	30,0	1,18	27,8	1,10	420	6090	93	100	18,77x1,78
1"	- 16	1.7/16" - 12	36,6	1,44	34,5	1,36	350	5070	125	140	23,52x1,78
1.1/4"	- 20	1.11/16" - 12	42,7	1,68	40,6	1,60	275	3980	170	190	29,87x1,78
1.1/2"	- 24	2" - 12	50,8	2,00	48,8	1,92	210	3040	210	230	37,82x1,78

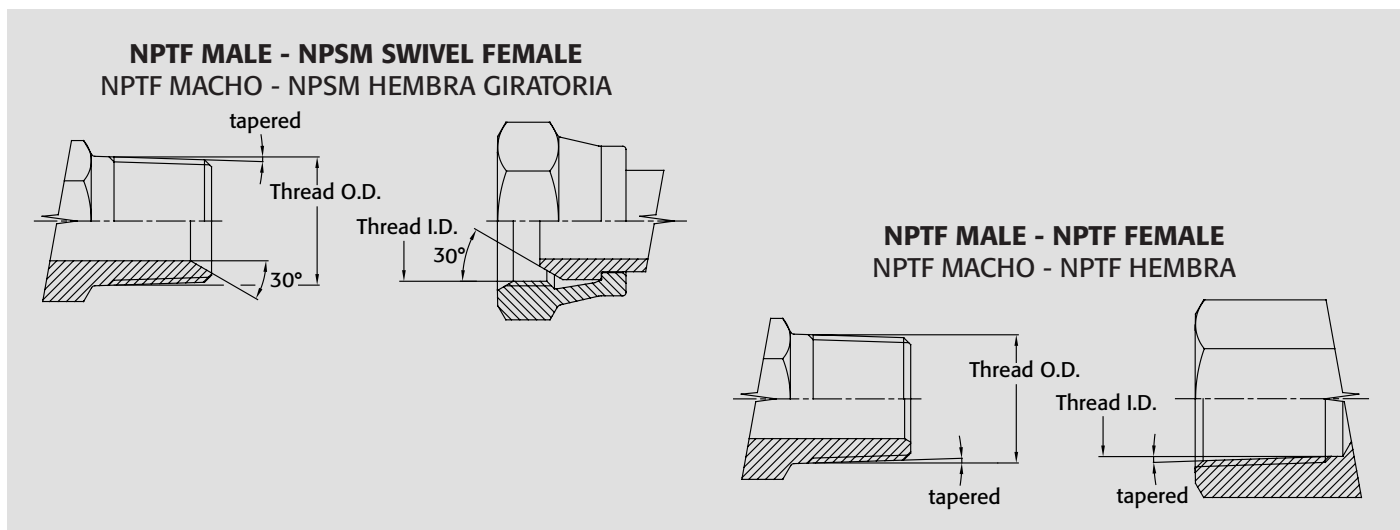
If You wish to order a fitting/ ferrule/ adaptor in stainless, please add at the end of code **.SS**

ADAPTORS

TERMINATION

American Standard Pipe NPTF Dryseal Taper Thread

SAE J476 - ANSI B1.20.3 NPSM Straight Thread ANSI B1.20.1



American Standard Pipe - NPTF Dryseal Taper Thread SAE J476 - ANSI B1.20.3
NPSM Straight Thread ANSI B1.20.1

NPTF and NPSM threads are American connections having a 60° angle between the flanks.

The NPTF male and female threads are tapered they have controlled truncation to assure metal to metal contact between crest and root and sealing on the thread.

The NPTF male machined with a 30° flare seat mates also with NPSM female (parallel thread). In this case the sealing is ensured on the metal to metal contact between the cones.

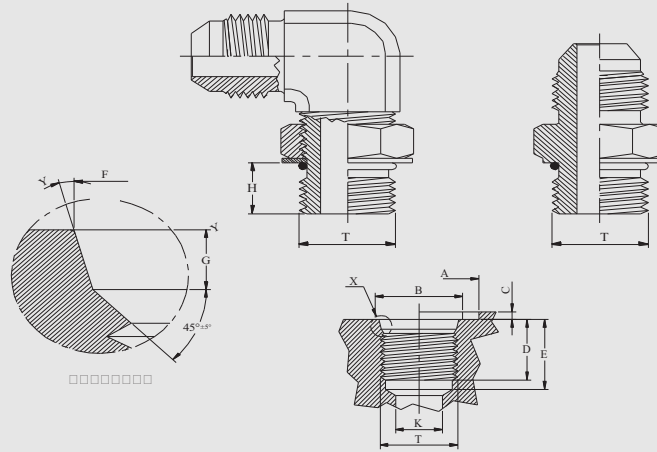
WARNING: Torque values need to be reduced by 50% in the NPTF/NPSM connections and by 25-30% if sealant is present.

INCH SIZE	DASH	NOMINAL THREAD SIZE	MALE THREAD O.D.		FEMALE THREAD I.D.		WORKING PRESSURE		SUGGESTED TORQUE VALUES (NM)
			mm	inch	mm	inch	bar	psi	min.
1/8"	-02	1/8"-27	10,4	0,41	9,2	0,36	345	5000	20
1/4"	-04	1/4"-18	14,0	0,55	12,2	0,48	350	5070	30
3/8"	-06	3/8"-18	17,3	0,68	15,5	0,61	280	4060	40
1/2"	-08	1/2"-14	21,6	0,85	19,2	0,76	245	3550	55
3/4"	-12	3/4"-14	26,9	1,06	24,6	0,97	210	3040	70
1"	-16	1"-11,5	33,8	1,33	30,7	1,21	175	2530	90
1.1/4"	-20	1.1/4"-11,5	42,4	1,67	39,4	1,55	145	2100	100
1.1/2"	-24	1.1/2"-11,5	48,5	1,91	45,5	1,79	145	2100	120

If You wish to order a fitting/ ferrule/ adaptor in stainless, please add at the end of code .SS

ADAPTORS

PORT DIMENSIONS UNF-UN Thread Port Dimensions (SAE J475 - J1926)



Thread Dimensions	7/16"-20	1/2"-20	9/16"-18	3/4"-16	7/8"-14	1.1/16"-12	1.3/16"-12	1.5/16"-12	1.5/8"-12	1.7/8"-12
T Nom.	11,11	12,7	14,29	19,05	22,23	26,99	30,16	33,34	41,27	47,62
C Max.	1,5	1,5	1,5	2,4	2,4	2,4	2,4	3	3	3
D Min.	12	12	13	15	17	20	20	20	20	20
E Min.	14	14	16	18	20	24	24	24	24	24
K Min.	5	6	7,5	10	12,5	16	18	21	27	33
A Min.	21	23	25	30	34	41	45	49	58	65
B Min.	15	16	18	22	26	32	35	38	48	54
F ± 0,05	12,45	14,05	15,70	20,65	24	29,20	32,40	35,55	43,55	49,90
G ± 0,2	2,5	2,6	2,7	2,7	2,7	3,5	3,5	3,5	3,5	3,5
Y ± 1°	12°	12°	12°	15°	15°	15°	15°	15°	15°	15°
H Ref.	9,5	9,5	10,5	12	13,5	15,5	15,5	15,5	15,5	15,5
O-ring	8,92x1,83	10,52x1,83	11,9x1,98	16,36x2,21	19,18x2,46	23,47x2,95	26,59x2,95	29,74x2,95	37,47x3,00	43,7x3,00
Assembly torque (Nm)	21	26	37	74	105	180	225	285	305	390

If You wish to order a fitting/ ferrule/ adaptor in stainless, please add at the end of code .SS

TECHNICAL NOTES

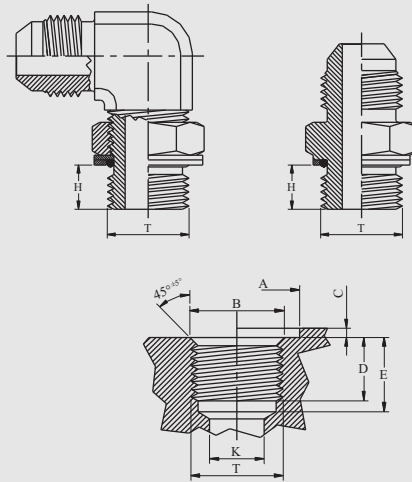
Sealing with O-ring.

- If face of port is on machined surface, dimensions A and C need not apply as long as the surface requirements (Ra min 3,2) are able to avoid damage to the OR during installation.
- C is maximum recommended spotface depth to permit sufficient wrench grip for proper tightening of the fitting or locknut.
- Spot faced surface (dimension B) must be squared (0,2 mm) to thread in port.
- F diameter must be concentric (0,1mm) to thread in port.
- Surface on length G needs Ra 3,2 min in order to avoid damage on OR during installation.

ADAPTORS

PORT DIMENSIONS

BSPP Thread Port Dimensions (retaining RING seat type) (ISO 1179-3)



Thread Dimensions	1/8"-28	1/4"-19	3/8"-19	1/2"-14	3/4"-14	1"-11	1.1/4"-11	1.1/2"-11
T Nom.	9,73	13,16	16,66	20,96	26,44	33,25	41,91	47,80
C Max.	1	1,5	2	2,5	2,5	2,5	2,5	2,5
D Min.	8	12	12	14	16	18	20	22
E Min.	13	18,5	18,5	22	24	27	29	31
A Min.	17	21	24,5	30	37	46	54	61
B +0.2/-0	9,8	13,2	16,7	21	27,1	33,3	42	47,9
H Ref.	6,5	9	9,5	11,5	13,5	15	16	16
O-ring	7,97x1,88	10,80x2,62	13,95x2,62	17,86x2,62	23,47x2,62	29,70x3,53	37,70x3,53	44x3,53
Assembly torque (Nm)	20	35	70	100	190	300	330	400

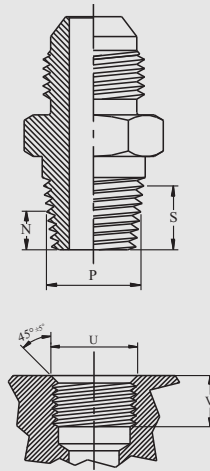
If You wish to order a fitting/ ferrule/ adaptor in stainless, please add at the end of code .SS

TECHNICAL NOTES

Sealing with O-ring and retaining washer.

- If face of port is on machined surface, dimensions A and C need not apply as long as the surface requirements (Ra min 3,2) are able to avoid damage to the OR during installation.
- C is maximum recommended spotface depth to permit sufficient wrench grip for proper tightening of the fitting or locknut.
- Spot faced surface (dimension B) must be squared (0,2 mm) to thread in port.
- F diameter must be concentric (0,1 mm) to thread in port.

PORT DIMENSIONS BSPT Thread Port Dimensions (ISO 7-Thread)



THREAD DIMENSIONS	1/8"-28	1/4"-19	3/8"-19	1/2"-14	3/4"-14	1"-11	1.1/4"-11	1.1/2"-11
T Nom.	9,73	13,16	16,66	20,96	26,44	33,25	41,91	47,80
C Max.	1	1,5	2	2,5	2,5	2,5	2,5	2,5
D Min.	8	12	12	14	16	18	20	22
E Min.	3	18,5	18,5	22	24	27	29	31
A Min.	17	21	24,5	30	37	46	54	61
B +0.2/-0	9,8	13,2	16,7	21	27,1	33,3	42	47,9
H Ref.	6,5	9	9,5	11,5	13,5	15	16	16
O-ring	7,97x1,88	10,80x2,62	13,95x2,62	17,86x2,62	23,47x2,62	29,70x3,53	37,70x3,53	44x3,53
Assembly torque (Nm)	20	35	70	100	190	300	330	400

If You wish to order a fitting/ ferrule/ adaptor in stainless, please add at the end of code .SS

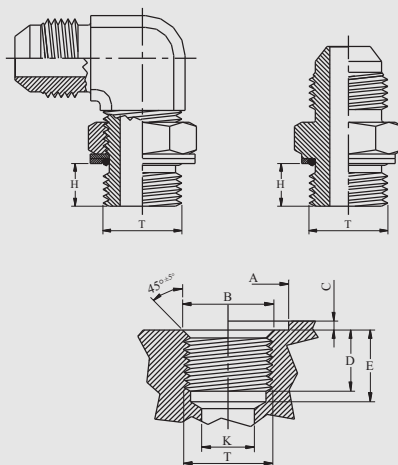
TECHNICAL NOTES

Sealing achieved by machting female parallel thread (port) and male tapered (fitting).

ADAPTORS

PORT DIMENSIONS

Metric Thread Port Dimensions (retaining RING seat type) (ISO 6149)



Thread Dimensions	10x1	12x1.5	14x1.5	16x1.5	18x1.5	20x1.5	22x1.5	26x1.5	27x2	33x2	42x2	48x2
T Nom.	10	12	14	16	18	20	22	26	27	33	42	48
C Max.	1	1,5	1,5	1,5	2	2	2,5	2,5	2,5	2,5	2,5	2,5
D Min.	8	12	12	12	12	14	14	16	16	18	20	22
E Min.	13,5	18,5	18,5	18,5	18,5	20,5	20,5	22,5	24	26	28	30
A Min.	16	20	21,5	24	27	30	32	36	37	45	55	62
B	10	12	14	16	18	20	22	26	27	33	42	48
H Ref.	8	9	9	10,5	12	12	12,5	12,5	14,5	14,5	15	17,5
O-ring	8,1x1,6	9,3x2,2	11,3x2,2	13,3x2,2	15,3x2,2	17,3x2,2	19,3x2,2	23,6x2,9	23,6x2,9	29,6x2,9	38,6x2,9	44,6x2,9
Assembly torque (Nm)	20	35	45	55	70	80	100	170	170	310	330	410

If You wish to order a fitting/ ferrule/ adaptor in stainless, please add at the end of code .SS

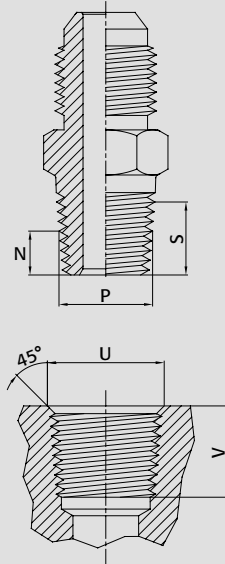
TECHNICAL NOTES

Sealing with O-ring and retaining washer.

- If face of port is on machined surface. dimensions A and C need not apply as long as the surface requirements (Ra min 3,2) are able to avoid damage to the OR during installation.
- C is maximum recommended spotface depth to permit sufficient wrench grip for proper tightening of the fitting or locknut.
- Spot faced surface (dimension B) must be squared (0,2 mm) to thread in port.
- F diameter must be concentric (0,1 mm) to thread in port.

ADAPTORS

PORT DIMENSIONS NPTF Thread Port Dimensions (SAE J476)



Thread Dimensions	1/8"-27	1/4"-18	3/8"-18	1/2"-14	3/4"-14	1"-11.5	1.1/4"-11.5	1.1/2"-11.5
V Min.	7,9	11,4	11,7	15,4	15,9	19,0	19,5	19,5
U ref.	10,2	13,5	17	21,2	26,5	33,1	41,9	48
N	4,1	5,8	6,1	8,1	8,6	10,2	10,7	10,7
P	9,5	12,5	15,9	19,8	25,1	31,5	40,2	46,3
S - Working Thread	7,6	11,6	11,8	15,4	15,7	19,6	20,2	20,6

If You wish to order a fitting/ ferrule/ adaptor in stainless, please add at the end of code .SS

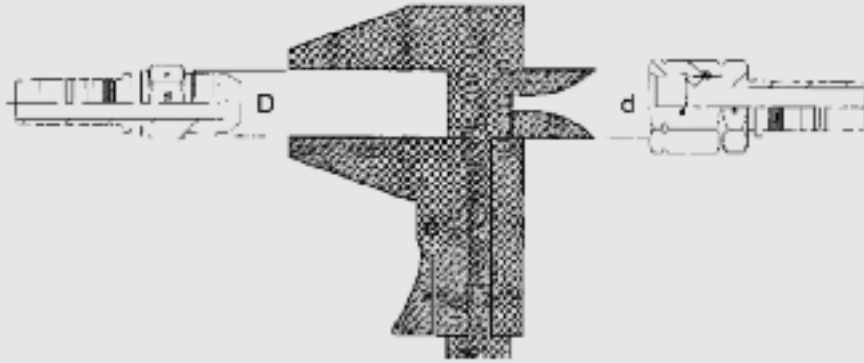
TECHNICAL NOTES

Sealing achieved by matching female tapered thread and male tapered thread (deformation at the crest).

ADAPTORS

END-THREAD MEASUREMENT

To identify thread size termination end, measure the exterior male thread diameter O.D. or the internal female thread diameter I.D., and then, looking to the column mm, you will get the correspondent thread size.



MALE O.D.	mm	FEMALE I.D.	MALE O.D.	mm	FEMALE I.D.	MALE O.D.	mm	FEMALE I.D.
	8,5	3/8"-24 UNF		19,2	1/2"-14 NPSM	1"-11 GAS	33,2	
	8,7	1/8"-28 GAS	M20x1,5	20,0		1.5/16"-12 UN	33,3	
	9,2	1/8"-27 NPSM		20,3	7/8"-14 UNF	1"-11,5 NPTF	33,8	
3/8"-24 UNF	9,4		13/16"-16 UN	20,5	M22x1,5		34,0	M36x2
1/8"-28 GAS	9,6		1/2"-14 GAS	20,8		M36x2	36,0	
M10x1	10,0	7/16"-20 UNF		21,1	5/8"-14 GAS		39,1	1.5/8"-12 UN
1/8"-27 NPTF	10,4		1/2"-14 NPTF	21,6			39,4	1.1/4"-11,5 NPSM
	10,5	M12x1,5	M22x1,5	22,0			39,5	1.1/4"-11 GAS
7/16"-20 UNF	11,0		7/8"-14 UNF	22,2			40,0	M42x2
	11,4	1/2"-20 UNF		22,5	M24x1,5	1.5/8"-12 UN	41,1	
	11,6	1/4"-19 GAS	5/8"-14 GAS	22,8		1.1/4"-11 GAS	41,7	
M12x1,5	12,0			23,8	1"-14 UNS	M42x2	42,0	
	12,2	1/4"-18 NPSM	M24x1,5	24,0		1.1/4"-11,5 NPTF	42,4	
1/2"-20 UNF	12,5	M14x1,5		24,5	M26x1,5	M45x2	43,0	M45x2
1/4"-19 GAS	13,0	9/16"-18 UNF		24,6	3/4"-14 GAS-NPSM		45,0	
1/4"-18 NPTF	13,9			24,9	1.1/16"-12 UN		45,2	1.1/2"-11 GAS
M14x1,5	14,0			25,0	M27x2		45,5	1.1/2"-11,5 NPSM
9/16"-18 UNF	14,2		1"-14 UNS	25,3			45,7	1.7/8"-12 UN
	14,5	M16x1,5	M26x1,5	26,0			46,0	M48x2
	14,6	5/8"-18 UNF	3/4"-14 GAS	26,3				
	15,1	3/8"-19 GAS	1.1/16"-12 UN	26,7		1.7/8"-12 UN	47,5	
	15,5	3/8"-18 NPSM	3/4"-14 NPTF	26,9		1.1/2"-11 GAS	47,7	
5/8"-18 UNF	15,7		M27x2	27,0		M48x2	48,0	
M16x1,5	16,0	11/16"-16 UN		27,9	1.3/16"-12 UN	1.1/2"-11,5 NPTF	48,5	
	16,5	M18x1,5		28,0	M30x2		48,8	2"-12 UN
3/8"-19 GAS	16,6		M30x2	30,0			50,0	M52x2
3/8"-18 NPTF	17,3		1.3/16"-12 UN	30,1		2"-12 UN	50,7	
11/16"-16 UN	17,4	3/4"-16 UNF		30,7	1"-11,5 NPSM	M52x2	52,0	
M18x1,5	18,0			30,9	1"-11 GAS		57,0	2"-11 GAS
	18,5	M20x1,5		31,0	M33x2	2"-11 GAS	59,4	
	18,8	1/2"-14 GAS		31,2	1.5/16"-12 UN	2"-11,5 NPTF	60,6	
3/4"-16 UNF	19,0	13/16"-16 UN	M33x2	33,0			61,2	2.1/2"-12 UN
						2.1/2"-12 UN	63,3	

ADAPTORS

COUPLING CHART FOR MANULI FITTINGS & ADAPTORS

TYPE	JIC 37°	BSP 30°	ORFS FACE SEAL	NPTF / NPSM
 MULTIFIT	M12510	M10710	M12410	M12810
	M22512/M22513	M10510	M22411	M14110...R
	M22712	M20512/M20513	M22491 /M22493	M22812
	M22592/M22593	M20592/M20593	M22441 /M22443	
	M22542/M22543	M20542/M20543	M24493	
	M22582	M20812/M20813		
	M24792	M20892/M20893		
		M20842 / M20843		
 INTERLOCK PLUS	M42512	M30710	M42411	M32810
	M42592	M30510	M42491	
	M42542	M40812	M42441	
		M40892		
		M40842		
 PUSH-LOCK		L10510		
		L20513		
		L20593		
		L20543		

The MANULI® fittings part numbers, shown in the above chart, correspond to each adaptors type.

ADAPTORS

PART NUMBERING SYSTEM

① ② ③ ④ ⑤ ⑥ – ⑦ ⑧ – ⑨ ⑩

Root

DIGIT "0"

A Adaptors

① ② ③ ④ ⑤ ⑥ – ⑦ ⑧ – ⑨ ⑩

DIGIT "1"

The numbers stated in this position refer to the ends number

4 One End / Accessories

5 Two Ends

7 Three Ends

9 Four Ends

① ② ③ ④ ⑤ ⑥ – ⑦ ⑧ – ⑨ ⑩

DIGIT "2"

The numbers stated in this position refer to the gender and geometry of the ends

One End / Accessoires

0 Male plug

1 Female plug

2 Sleeve

3 Nut

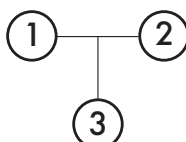
① ② ③ ④ ⑤ ⑥ – ⑦ ⑧ – ⑨ ⑩

Two Ends

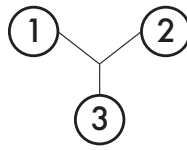
	1st end	2nd end	geometry
0	male	male	straight
1	female	female	straight
2	male	female	straight
3	male	male	45° elbow
4	female	female	45° elbow
5	male	female	45° elbow
6	male	male	90° elbow
7	female	female	90° elbow
8	male	female	90° elbow

Three ends

	1st end	2nd end	3rd end
0	male	male	male
1	male	male	female
2	male	female	male
3	female	female	female
4	female	female	male
5	female	male	female
6	male 1	male 2	male 1
7	female 1	female 2	female 1
8	male 1	male 1	male 2
9	female 1	female 1	female 2

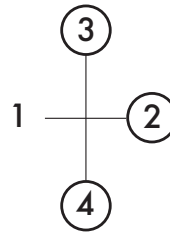


	1st end	2nd end	3rd end
Y	female	female	female



Four ends

	1st end	2nd end	3rd end	4rd end
0	male	male	male	male
1	male 1	male 1	male 1	male 2
2	male 1	male 2	male 1	male 2
3	male	male	male	female
4	male	female	male	female
5	male	female	female	female
6	female	female	female	female
7	female 1	female 1	female 1	female 2
8	female 1	female 2	female 1	female 2
9	male	male	female	female



DIGIT "3"- "4"



The numbers stated in these positions indicate the first end (see table "Termination Ends Type").

When male and female ends are present, the male is always the first end.

When all the ends are male or female, one end takes priority respect to the other one following the tables "Priority of the Ends".

DIGIT "5"- "6"



The numbers stated in these positions indicate the second end (see table "Termination Ends Type").

DIGIT "7"- "8" AND "9"- "10"



When the ends are part of the same family, the first size is the smallest.

The size sequence is the same of the ends sequence (the first size indicates the first end, the second size indicates the second end).

Special adaptors (3-ways adaptors)

When two ends are part of the same family, the family is indicated only one time.

ADAPTORS

TERMINATION ENDS TYPE NUMBERING

Digit	MF2000	MF4000	Q.Safe	Refri	Description (male end)	Description (female end)
00	00			00	Double connector / No end (plug)	No end (plug)
02		02			BSP Male Tapered Thread Long	BSP Female Tapered
03	03	03			BSP Male Parallel Thread O'R Flat Face (ISO 1179-3)	BSP Banjo
04		04	04		BSP Male Bulkhead BSP Fixed Female DIN 3852-2 "form X" / ISO 1179-1	
05	05	05	05		BSP Male 60° cone seat BS5200 / ISO 8434-6	BSP Female 60° cone BS5200 / ISO 8434-6
06	06	06			BSP Male Flat Face	BSP Female Flat seat
07	07	07			BSPT Male	JIS B 8363 (Nissan) Swivel Female
08	08					BSP O-Ring Female 60° cone BS5200 / ISO 8434-6
09	09	09			BSP Male O'Ring Boss Adjustable ISO 1179-3	Metric Banjo DIN 7642
10	10				Metric male 60° cone superlight DIN 3863	Metric female 60° cone superlight DIN 3863
11	11		11	11	Metric male 24° cone seat light type DIN 3861 / ISO 8434-1	
12	12		12		Metric male 24° cone seat heavy type DIN 3861 / ISO 8434-1	Metric Female 24° cone O'Ring heavy type DIN 3865 / ISO 8434-2 Long Drop
13	13					Metric Female Multiseal cone DIN 3868
14			14		Metric Male DIN 3852-11 "form E" b/ ISO 9974-2	Metric Fixed Female DIN 3852-1 "form X" and "form Y"
15	15			15		Metric Female 24° cone O'Ring light type DIN 3865 / ISO 8434-1
16	16					Metric Female 24° cone O'Ring heavy type DIN 3865 / ISO 8434-2
17	17				French Millimetric metric male 24° cone seat	French Millimetric metric female
18	18				French GAZ metric male 24° cone seat	French GAZ metric female
19		19	19		Metric Male (Adjustable + Non-Adjustable Heavy) ISO 6149-2	Metric Fixed Female ISO 6149-1
20	20					DIN Metric Standpipe L.T. DIN 2353
21	21				DIN Metric Standpipe H.T. DIN 2353	
22		22			JIC male Long 37° cone SAE J514	
23		23	23		JIC Bulkhead male 37° cone ISO 8434-2 / SAE J514	
24	24	24	24	24	ORFS male ISO 8434-3 / SAE J1453	ORFS female ISO 8434-3 / SAE J1453
25	25	25	25	25	JIC male (37° cone) ISO 8434-2 / SAE J514	JIC female (37° cone seat) ISO 8434-2 / SAE J514
26	26			26		SAE female (45° cone seat) SAE J512
27	27	27			ORFS Bulkhead male ISO 8434-3 / SAE J1453	JIC female double hexagon 37° cone seat
28	28	28	28		NPTF Male 60° cone seat SAE J476a	NPSM Swivel Female 60° cone SAE J514
29		29			ORFS male type Long SAE J1453	
30	30	30	30		Male O'Ring Boss type SAE J1926-3	Female Port SAE J1926-1
31		31			Male O'Ring Boss Adjustable Light SAE J1926-3	
33	33				Flange ISO/SAE 61 (ISO 6162-1 / SAE J518 code 61)	
34	34	34	34		API Male	NPTF Fixed Female SAE J476a
35	35				NPT Male	NPT Fixed Female
36	36					Flange ISO/SAE 62 (ISO 6162-2 / SAE J518 code 62)
37	37		37	37	Metric male 60° cone superlight DIN 3863 Bulkhead	Flange ISO/SAE 62 Plus / Flange (A/C)
38	38					JIS B 8363 (Toyota) Swivel Female
39	39					SUPERCAT flange
40	40					JIS B 8363 (Komatsu) Swivel Female

TERMINATION ENDS TYPE NUMBERING

Digit	MF2000	MF4000	Q.Safe	Refri	Description (male end)	Description (female end)
40	40					JIS B 8363 (Komatsu) Swivel Female
41	41				NPTF Swivel Male SAE J476a	Komatsu Flange
43	43				SAE O'Ring Boss Swivel Male	
44	44	44			Male BSPP Flat Face Bonded Washer	ORFS Female Long Drop Elbow ISO 12151-1 / SAE J516
46	46	46			Super Staple Male	Super Staple Fixed Female
47	47				Super Staple Male (only for Interlock Plus)	JIC (37° cone) Female Long Drop Elbow ISO 12151-5 / SAE J516
48	48	48			Staple Male SAE J1467	Staple Fixed Female SAE J1467
49	49					Wash Cleaning
59	59	59			Flushfit Male Low Pressure	Flushfit Fixed Female Low Pressure
61	61				Flushfit Male High Pressure	Flushfit Fixed Female High Pressure
62		62				Flushfit Swivel Female Low Pressure
64		64			BSP Male front seal	Flushfit Swivel Female High Pressure
66	66					Metric Female 24° cone O'Ring heavy type DIN 3865 / ISO 8434-2 (only for Blastlock / Xtralock)
72		72				SuperStaple Lock Swivel Female
76				76		Expansion valve (A/C)
77			77		DIN Bulkhead Male 24° cone Light type ISO 8434-1	
78	78				NPTF Male 60° cone seat SAE J476a (only for Interlock Blastlock/Xtralock)	
79				79	Fixed Male O'Ring seat (A/C)	Female O'Ring (A/C)
80				80	Male Swivel O'Ring (A/C)	
82		82	82		French GAZ Bulkhead metric male 24° cone seat	Staple Lock Swivel Female
85	85					XtraFlange (ISO 6162-2 / SAE J518 code 62 port compatible)
86	86					Flange ISO/SAE 62 (ISO 6162-2 / SAE J518 code 62) - only for Xtralock
87		87			DIN Bulkhead Male 24° cone Heavy type ISO 8434-1	
95	95					Brazing socket

Digit	MF2000	MF4000	Q.Safe	Refri	Easy-Fit
2H	2H				Easy-Fit High Pressure (Cejn)

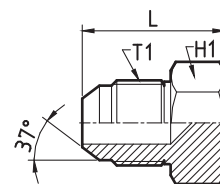
Digit	MF2000	MF4000	Q.Safe	Refri	Accessories for connectors (08...)
33	33				Clamps for flange ISO/SAE 61
36	36				Clamps for flange ISO/SAE 62
85	85				Xtraflange Clamps
02	02				BSP Bolt
03	08				BSP Bolt Double Hole
08	08				Metric Bolt DIN 7643
2H	2H				Cartridge for Easy-Fit High Pressure

ADAPTORS

JIC ADAPTORS

A402500

MALE PLUG JIC (SAE J514)

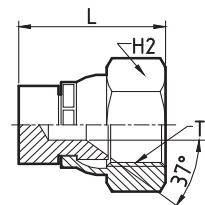


PART. REF.	THREADS	DIMENSIONS mm	
	T ₁ (UNF)	L	H ₁
A402500-04	7/16" - 20	20,0	14
A402500-05	1/2" - 20	21,0	14
A402500-06	9/16" - 18	23,0	16
A402500-08	3/4" - 16	25,0	22
A402500-10	7/8" - 14	29,0	24
A402500-12	1.1/16" - 12	33,0	30
A402500-14	1.3/16" - 12	34,0	32
A402500-16	1.5/16" - 12	36,0	35
A402500-20	1.5/8" - 12	41,0	43
A402500-24	1.7/8" - 12	44,0	50

If You wish to order a fitting/ ferrule/ adaptor in stainless, please add at the end of code .SS

A412500

FEMALE PLUG JIC (SAE J514)

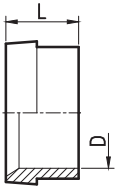


PART. REF.	THREADS	DIMENSIONS mm	
	T ₁ (UNF)	L	H ₂
A412500-04	7/16" - 20	24,0	16
A412500-05	1/2" - 20	25,0	16
A412500-06	9/16" - 18	27,0	19
A412500-08	3/4" - 16	31,0	22
A412500-10	7/8" - 14	32,0	27
A412500-12	1.1/16" - 12	34,0	32
A412500-14	1.3/16" - 12	34,0	35
A412500-16	1.5/16" - 12	39,0	38
A412500-20	1.5/8" - 12	44,0	50
A412500-24	1.7/8" - 12	48,0	55

If You wish to order a fitting/ ferrule/ adaptor in stainless, please add at the end of code .SS

ADAPTORS

JIC ADAPTORS

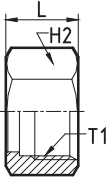


A422500

SLEEVE JIC (SAE J514)

PART. REF.	O.D. PIPE mm	THREADS	DIMENSIONS mm
	D	T ₁ (UNF)	L
A422500-06-04	6	7/16" - 20	10,5
A422500-08-05	8	1/2" - 20	11,5
A422500-10-06	10	9/16" - 18	12,5
A422500-12-08	12	3/4" - 16	14,5
A422500-14-10	14	7/8" - 14	16,5
A422500-15-10	15	7/8" - 14	16,5
A422500-16-10	16	7/8" - 14	16,5
A422500-18-12	18	1.1/16" - 12	17,0
A422500-20-12	20	1.1/16" - 12	17,0
A422500-25-16	25	1.5/16" - 12	19,5
A422500-30-20	30	1.5/8" - 12	23,0
A422500-32-20	32	1.5/8" - 12	23,0
A422500-38-24	38	1.7/8" - 12	28,5

If You wish to order a fitting/ ferrule/ adaptor in stainless, please add at the end of code .SS



A432500

NUT JIC (SAE J514)

PART. REF.	O.D. PIPE mm	THREADS	DIMENSIONS mm	
		T ₁ (UNF)	L	H ₂
A432500-06-04	6	7/16" - 20	15,5	16
A432500-08-05	8	1/2" - 20	17,0	17
A432500-10-06	10	9/16" - 18	18,3	19
A432500-12-08	12	3/4" - 16	21,3	24
A432500-14-10	14	7/8" - 14	24,5	27
A432500-15-10	15	7/8" - 14	24,5	27
A432500-16-10	16	7/8" - 14	24,5	27
A432500-18-12	18	1.1/16" - 12	26,0	32
A432500-20-12	20	1.1/16" - 12	26,0	32
A432500-25-16	25	1.5/16" - 12	28,5	38
A432500-30-20	30	1.5/8" - 12	31,0	50
A432500-32-20	32	1.5/8" - 12	31,0	50
A432500-38-24	38	1.7/8" - 12	36,0	55

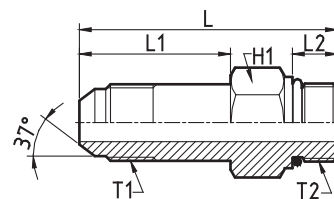
If You wish to order a fitting/ ferrule/ adaptor in stainless, please add at the end of code .SS

ADAPTORS

JIC ADAPTORS

A502230

STRAIGHT ADAPTOR LONG JIC MALE 74° CONE
SAE MALE O-RING BOSS TYPE (SAE J1926)

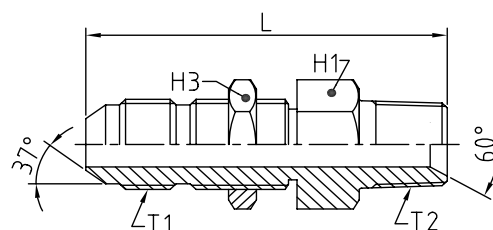


PART. REF.	THREADS		DIMENSIONS mm			
	T ₁ (UNF)	T ₂ (UNF)	L	L ₁	L ₂	H ₁
A502230-04-04	7/16" - 20	7/16" - 20	53,0	35,5	9,5	14
A502230-05-05	1/2" - 20	1/2" - 20	54,5	37,0	9,5	16
A502230-06-06	9/16" - 18	9/16" - 18	58,5	39,5	10,0	19
A502230-08-08	3/4" - 16	3/4" - 16	68,5	48,0	11,5	22
A502230-10-10	7/8" - 14	7/8" - 14	77,0	53,0	13,0	27
A502230-12-12	1.1/16" - 12	1.1/16" - 12	91,5	63,5	15,5	32
A502230-16-16	1.5/16" - 12	1.5/16" - 12	101,0	72,0	15,5	38
A502230-20-20	1.5/8" - 12	1.5/8" - 12	119,0	88,0	15,5	50
A502230-24-24	1.7/8" - 12	1.7/8" - 12	130,5	98,5	15,5	55
A502230-32-32	2.1/2" - 12	2.1/2" - 12	160,0	123,0	15,5	70

If You wish to order a fitting/ ferrule/ adaptor in stainless, please add at the end of code .SS

A502328

STRAIGHT ADAPTOR JIC MALE BULKHEAD 74° CONE
(SAE J514) NPTF MALE 60° CONE SEAT (SAE J514)

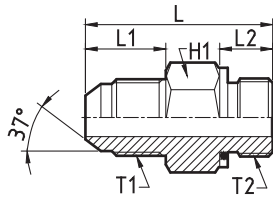


PART. REF.	THREADS		DIMENSIONS mm				
	T ₁ (UNF)	T ₂ (NPTF)	L	H ₁	H ₃		
A502328-04-04	7/16"-20	1/4"-18	52,8	17	17		
A502328-06-04	9/16"-18	1/4"-18	55,4	22	22		
A502328-08-06	3/4"-16	3/8"-18	61,7	24	24		
A502328-10-08	7/8"-14	1/2"-14	71,1	30	30		
A502328-12-12	1.1/16"-12	3/4"-14	74,2	36	36		
A502328-16-16	1.5/16"-12	1"-11,5	78,7	41	41		

If You wish to order a fitting/ ferrule/ adaptor in stainless, please add at the end of code .SS

ADAPTORS

JIC ADAPTORS



A502503

STRAIGHT ADAPTOR JIC MALE 74° CONE (SAE J514)
BSP MALE O-RING BOSS TYPE (ISO 1179-3)

PART. REF.	THREADS		DIMENSIONS mm			
	T ₁ (UNF)	T ₂ (BSPP)	L	L ₁	L ₂	H ₁
A502503-04-02	7/16" - 20	1/8" - 28	30,0	15,0	8,5	14
A502503-04-04	7/16" - 20	1/4" - 19	36,0	16,0	12,0	19
A502503-04-06	7/16" - 20	3/8" - 19	36,5	16,0	12,0	22
A502503-04-08	7/16" - 20	1/2" - 14	40,5	16,0	14,0	27
A502503-05-02	1/2" - 20	1/8" - 28	30,0	15,0	8,5	14
A502503-05-04	1/2" - 20	1/4" - 19	36,5	16,0	12,0	19
A502503-05-06	1/2" - 20	3/8" - 19	36,5	16,0	12,0	22
A502503-06-04	9/16" - 18	1/4" - 19	37,0	16,0	12,0	19
A502503-06-06	9/16" - 18	3/8" - 19	37,0	17,0	12,0	22
A502503-06-08	9/16" - 18	1/2" - 14	41,0	17,0	14,0	27
A502503-08-04	3/4" - 16	1/4" - 19	39,0	18,0	12,0	19
A502503-08-06	3/4" - 16	3/8" - 19	39,0	18,0	12,0	22
A502503-08-08	3/4" - 16	1/2" - 14	43,0	19,0	14,0	27
A502503-08-12	3/4" - 16	3/4" - 14	47,0	19,0	16,0	32
A502503-10-06	7/8" - 14	3/8" - 19	42,0	21,0	12,0	22
A502503-10-08	7/8" - 14	1/2" - 14	45,0	21,0	14,0	27
A502503-10-12	7/8" - 14	3/4" - 14	49,0	21,0	16,0	32
A502503-12-08	1.1/16" - 12	1/2" - 14	48,0	24,0	14,0	27
A502503-12-12	1.1/16" - 12	3/4" - 14	52,0	24,0	16,0	32
A502503-12-16	1.1/16" - 12	1" - 11	55,0	24,0	18,0	41
A502503-14-12	1.3/16" - 12	3/4" - 14	54,0	23,0	16,0	32
A502503-16-12	1.5/16" - 12	3/4" - 14	53,0	25,0	16,0	35
A502503-16-16	1.5/16" - 12	1" - 11	55,0	25,0	18,0	41
A502503-16-20	1.5/16" - 12	1.1/4" - 11	60,0	26,0	20,0	50
A502503-20-16	1.5/8" - 12	1" - 11	59,0	28,0	18,0	43
A502503-20-20	1.5/8" - 12	1.1/4" - 11	62,0	28,0	20,0	50
A502503-24-20	1.7/8" - 12	1.1/4" - 11	64,0	30,0	20,0	50
A502503-24-24	1.7/8" - 12	1.1/2" - 11	67,0	30,0	22,0	55

If You wish to order a fitting/ ferrule/ adaptor in stainless, please add at the end of code .SS

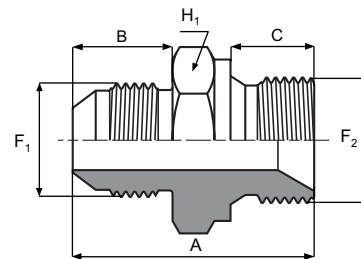
ADAPTORS

JIC ADAPTORS

A502505

JIC MALE (SAE J514)

BSP MALE 60° CONE SEAT (ISO 228)

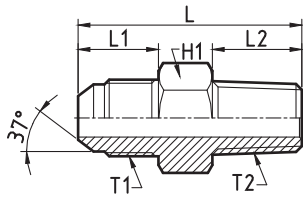


PART. REF.	THREADS		DIMENSIONS mm			
	F ₁ (UNF)	F ₂ (BSP)	A	B	C	H ₁
A502505-04-02	7/16" - 20	1/8" - 28	30,0	14,0	10,0	14
A502505-04-04	7/16" - 20	1/4" - 19	32,0	14,0	12,0	19
A502505-04-06	7/16" - 20	3/8" - 19	34,5	14,0	12,0	22
A502505-05-04	1/2" - 20	1/4" - 19	34,5	14,0	12,0	19
A502505-05-06	1/2" - 20	3/8" - 19	34,5	14,0	12,0	22
A502505-06-06	9/16" - 18	3/8" - 19	35,5	14,0	13,0	22
A502505-06-08	9/16" - 18	1/2" - 14	38,0	14,0	14,0	27
A502505-08-04	3/4" - 16	1/4" - 19	37,5	17,0	12,0	19
A502505-08-06	3/4" - 16	3/8" - 19	38,5	16,5	13,5	22
A502505-08-08	3/4" - 16	1/2" - 14	41,0	17,0	14,0	27
A502505-08-12	3/4" - 16	3/4" - 14	45,0	17,0	16,0	32
A502505-10-06	7/8" - 14	3/8" - 19	40,5	19,5	12,0	22
A502505-10-08	7/8" - 14	1/2" - 14	46,0	19,5	15,5	27
A502505-10-12	7/8" - 14	3/4" - 14	49,0	19,0	18,5	32
A502505-12-08	1.1/16" - 12	1/2" - 14	47,0	22,0	14,0	27
A502505-12-12	1.1/16" - 12	3/4" - 14	50,0	22,0	16,0	32
A502505-12-16	1.1/16" - 12	1" - 11	52,5	22,0	18,0	41
A502505-14-12	1.3/16" - 12	3/4" - 14	50,5	22,5	16,0	32
A502505-16-12	1.5/16" - 12	3/4" - 14	51,0	23,0	16,0	35
A502505-16-16	1.5/16" - 12	1" - 11	53,5	23,0	18,0	41
A502505-16-20	1.5/16" - 12	1.1/4" - 11	61,0	23,0	20,0	50
A502505-20-16	1.5/8" - 12	1" - 11	55,5	24,5	18,0	43
A502505-20-20	1.5/8" - 12	1.1/4" - 11	58,5	24,5	20,0	50
A502505-24-20	1.7/8" - 12	1.1/4" - 11	61,5	27,5	20,0	50
A502505-24-24	1.7/8" - 12	1.1/2" - 11	65,5	27,5	22,0	55

If You wish to order a fitting/ ferrule/ adaptor in stainless, please add at the end of code .SS

ADAPTORS

JIC ADAPTORS



A502507

STRAIGHT ADAPTOR JIC MALE 74° CONE (SAE J514)
BSP MALE TAPERED (ISO 7)

PART. REF.	THREADS		DIMENSIONS mm			
	T ₁ (UNF)	T ₂ (BSPT)	L	L ₁	L ₂	H ₁
A502507-04-02	7/16" - 20	1/8" - 28	31,0	14,0	11,0	12
A502507-04-04	7/16" - 20	1/4" - 19	34,0	14,0	14,0	14
A502507-04-06	7/16" - 20	3/8" - 19	40,0	16,0	16,0	19
A502507-05-02	1/2" - 20	1/8" - 28	32,0	15,0	11,0	14
A502507-05-04	1/2" - 20	1/4" - 19	36,0	15,0	14,0	14
A502507-05-06	1/2" - 20	3/8" - 19	40,0	16,0	16,0	19
A502507-05-08	1/2" - 20	1/2" - 14	44,0	16,0	18,0	22
A502507-06-02	9/16" - 18	1/8" - 28	33,0	16,0	11,0	14
A502507-06-04	9/16" - 18	1/4" - 19	36,0	16,0	14,0	14
A502507-06-06	9/16" - 18	3/8" - 19	40,0	16,0	16,0	19
A502507-06-08	9/16" - 18	1/2" - 14	44,0	17,0	18,0	22
A502507-08-04	3/4" - 16	1/4" - 19	40,0	18,0	14,0	19
A502507-08-06	3/4" - 16	3/8" - 19	41,0	18,0	16,0	19
A502507-08-08	3/4" - 16	1/2" - 14	45,0	18,0	18,0	22
A502507-08-12	3/4" - 16	3/4" - 14	49,0	19,0	20,0	27
A502507-10-06	7/8" - 14	3/8" - 19	42,5	20,0	16,0	22
A502507-10-08	7/8" - 14	1/2" - 14	46,0	20,0	18,0	22
A502507-10-12	7/8" - 14	3/4" - 14	50,0	20,0	20,0	27
A502507-12-08	1.1/16" - 12	1/2" - 14	51,0	24,0	18,0	27
A502507-12-12	1.1/16" - 12	3/4" - 14	53,0	24,0	20,0	27
A502507-12-16	1.1/16" - 12	1" - 11	59,0	24,0	23,0	35
A502507-16-12	1.5/16" - 12	3/4" - 14	57,0	25,0	20,0	35
A502507-16-16	1.5/16" - 12	1" - 11	60,0	25,0	23,0	35
A502507-16-20	1.5/16" - 12	1.1/4" - 11	65,0	25,0	26,0	44
A502507-20-16	1.5/8" - 12	1" - 11	65,0	28,0	23,0	44
A502507-20-20	1.5/8" - 12	1.1/4" - 11	65,0	28,0	25,0	44
A502507-20-24	1.5/8" - 12	1.1/2" - 11	71,0	28,0	29,0	50
A502507-24-20	1.7/8" - 12	1.1/4" - 11	71,0	30,0	26,0	50
A502507-24-24	1.7/8" - 12	1.1/2" - 11	71,0	30,0	29,0	50
A502507-24-32	1.7/8" - 12	2" - 11	81,0	30,0	33,5	65
A502507-32-24	2.1/2" - 12	1.1/2" - 11	81,0	35,5	29,0	65
A502507-32-32	2.1/2" - 12	2" - 11	86,0	35,5	33,5	65

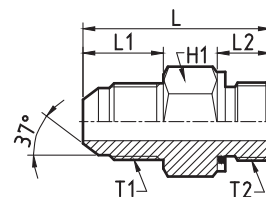
If You wish to order a fitting/ ferrule/ adaptor in stainless, please add at the end of code .SS

ADAPTORS

JIC ADAPTORS

A502519

STRAIGHT ADAPTOR JIC MALE (SAE J514)
METRIC MALE (ISO 6149)

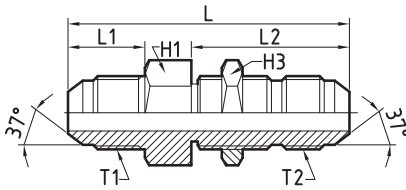


PART. REF.	THREADS		DIMENSIONS mm			
	T ₁ (UNF)	T ₂ (METRIC)	L	L ₁	L ₂	H ₁
A502519-04-10	7/16" - 20	10x1	30,0	15,0	9,0	16
A502519-04-12	7/16" - 20	12x1.5	34,0	15,0	11,0	19
A502519-05-10	1/2" - 20	10x1	30,0	15,0	9,0	16
A502519-05-12	1/2" - 20	12x1.5	35,0	16,0	11,0	19
A502519-05-14	1/2" - 20	14x1.5	35,0	16,0	11,0	19
A502519-05-18	1/2" - 20	18x1.5	38,0	16,0	14,0	22
A502519-06-12	9/16" - 18	12x1.5	35,0	16,0	11,0	19
A502519-06-14	9/16" - 18	14x1.5	35,0	16,0	11,0	19
A502519-06-16	9/16" - 18	16x1.5	37,5	17,0	12,5	22
A502519-06-18	9/16" - 18	18x1.5	39,0	17,0	14,0	22
A502519-06-22	9/16" - 18	22x1.5	42,0	17,0	15,0	27
A502519-08-16	3/4" - 16	16x1.5	39,0	19,0	12,5	22
A502519-08-18	3/4" - 16	18x1.5	41,0	19,0	14,0	24
A502519-10-18	7/8" - 14	18x1.5	42,0	20,0	14,0	24
A502519-10-22	7/8" - 14	22x1.5	45,0	20,0	15,0	27
A502519-12-22	1.1/16" - 12	22x1.5	49,0	24,0	15,0	27
A502519-12-27	1.1/16" - 12	27x2	54,0	24,0	18,5	32
A502519-16-27	1.5/16" - 12	27x2	55,0	25,0	18,5	35
A502519-16-33	1.5/16" - 12	33x2	56,0	25,0	18,5	41
A502519-20-42	1.5/8" - 12	42x2	62,0	28,0	19,0	50
A502519-24-48	1.7/8" - 12	48x2	67,0	30,0	22,0	55

If You wish to order a fitting/ ferrule/ adaptor in stainless, please add at the end of code .SS

ADAPTORS

JIC ADAPTORS

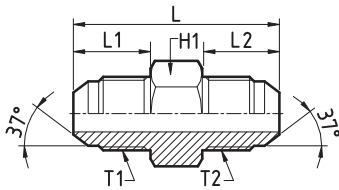


A502523

STRAIGHT BULKHEAD ADAPTOR
JIC MALE 74° CONE (SAE J514)

PART. REF.	THREADS		DIMENSIONS mm				
	T ₁ (UNF)	T ₂ (UNF)	L	L ₁	L ₂	H ₁	H ₃
A502523-04-04	7/16" - 20	7/16" - 20	53,0	14,0	31,5	16	16
A502523-05-05	1/2" - 20	1/2" - 20	53,5	15,0	31,0	19	16
A502523-06-06	9/16" - 18	9/16" - 18	56,0	16,0	33,0	19	19
A502523-08-08	3/4" - 16	3/4" - 16	62,0	18,5	36,0	24	24
A502523-10-10	7/8" - 14	7/8" - 14	69,5	19,5	40,0	27	27
A502523-12-12	1.1/16" - 12	1.1/16" - 12	79,0	22,0	45,5	32	32
A502523-16-16	1.5/16" - 12	1.5/16" - 12	80,0	23,0	45,5	38	38
A502523-20-20	1.5/8" - 12	1.5/8" - 12	87,0	26,0	46,5	50	50
A502523-24-24	1.7/8" - 12	1.7/8" - 12	90,0	29,0	47,0	55	55
A502523-32-32	2.1/2" - 12	2.1/2" - 12	106,5	35,0	53,0	70	70

If You wish to order a fitting/ ferrule/ adaptor in stainless, please add at the end of code .SS



A502525

STRAIGHT ADAPTOR JIC MALE 74° CONE (SAE J514)

PART. REF.	THREADS		DIMENSIONS mm			
	T ₁ (UNF)	T ₂ (UNF)	L	L ₁	L ₂	H ₁
A502525-04-04	7/16" - 20	7/16" - 20	34,0	14,0	14,0	12
A502525-05-05	1/2" - 20	1/2" - 20	36,0	15,0	15,0	14
A502525-06-06	9/16" - 18	9/16" - 18	38,0	16,0	16,0	14
A502525-06-08	9/16" - 18	3/4" - 16	43,0	17,0	18,0	19
A502525-08-08	3/4" - 16	3/4" - 16	41,0	17,0	17,0	19
A502525-08-10	3/4" - 16	7/8" - 14	48,0	19,0	21,0	22
A502525-10-10	7/8" - 14	7/8" - 14	46,0	18,5	18,5	22
A502525-10-12	7/8" - 14	1.1/16" - 12	56,0	22,0	24,0	27
A502525-12-12	1.1/16" - 12	1.1/16" - 12	52,0	21,0	21,0	27
A502525-16-16	1.5/16" - 12	1.5/16" - 12	60,0	25,0	25,0	35
A502525-20-20	1.5/8" - 12	1.5/8" - 12	65,0	26,5	26,5	44
A502525-24-24	1.7/8" - 12	1.7/8" - 12	71,0	29,0	29,0	50
A502525-32-32	2.1/2" - 12	2.1/2" - 12	86,0	35,0	35,0	65

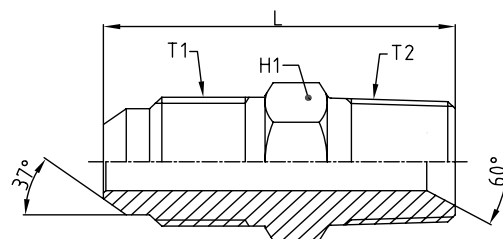
If You wish to order a fitting/ ferrule/ adaptor in stainless, please add at the end of code .SS

ADAPTORS

JIC ADAPTORS

A502528

STRAIGHT ADAPTOR JIC MALE 74° CONE (SAE J514)
NPTF MALE 60° CONE SEAT (SAE J514)

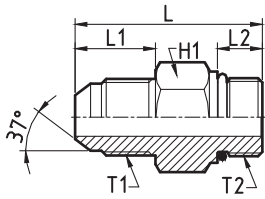


PART. REF.	THREADS	DIMENSIONS mm					
	T1 (UNF)	T2 (NPTF)	L	H1			
A502528-04-02	7/16"-20	1/8"-27	31,0	13			
A502528-04-04	7/16"-20	1/4"-18	36,0	14			
A502528-05-04	1/2"-20	1/4"-18	36,0	14			
A502528-06-04	9/16"-18	1/4"-18	36,3	16			
A502528-06-06	9/16"-18	3/8"-18	36,3	19			
A502528-06-08	9/16"-18	1/2"-14	42,9	22			
A502528-08-06	3/4"-16	3/8"-18	38,9	19			
A502528-08-08	3/4"-16	1/2"-14	45,5	22			
A502528-10-08	7/8"-14	1/2"-14	48,0	24			
A502528-10-12	7/8"-14	3/4"-14	49,5	27			
A502528-12-08	1.1/16"-12	1/2"-14	52,3	27			
A502528-12-12	1.1/16"-12	3/4"-14	52,3	27			
A502528-12-16	1.1/16"-12	1"-11,5	57,2	35			
A502528-16-12	1.5/16"-12	3/4"-14	53,6	35			
A502528-16-16	1.5/16"-12	1"-11,5	58,4	35			
A502528-16-20	1.5/16"-12	1.1/4"-11,5	61,0	44			
A502528-20-20	1.5/8"-12	1.1/4"-11,5	62,2	44			
A502528-24-24	1.7/8"-12	1.1/2"-11,5	68,0	50			

If You wish to order a fitting/ ferrule/ adaptor in stainless, please add at the end of code .SS

ADAPTORS

JIC ADAPTORS



A502530

STRAIGHT ADAPTOR JIC MALE 74° CONE (SAE J514)
SAE MALE O-RING BOSS TYPE (SAE J1926)

PART. REF.	THREADS		DIMENSIONS mm			
	T ₁ (UNF)	T ₂ (UNF)	L	L ₁	L ₂	H ₁
A502530-04-04	7/16" - 20	7/16" - 20	31,0	15,0	9,5	14
A502530-04-05	7/16" - 20	1/2" - 20	31,0	15,0	9,5	16
A502530-04-06	7/16" - 20	9/16" - 18	34,0	16,0	10,0	19
A502530-05-04	1/2" - 20	7/16" - 20	32,0	16,0	9,5	14
A502530-05-05	1/2" - 20	1/2" - 20	32,0	16,0	9,5	16
A502530-05-06	1/2" - 20	9/16" - 18	34,0	16,0	10,0	19
A502530-06-04	9/16" - 18	7/16" - 20	32,0	16,0	9,5	14
A502530-06-05	9/16" - 18	1/2" - 20	32,0	16,0	9,5	16
A502530-06-06	9/16" - 18	9/16" - 18	35,0	16,0	10,0	19
A502530-06-08	9/16" - 18	3/4" - 16	36,5	17,0	11,5	22
A502530-06-12	9/16" - 18	1.1/16" - 12	45,0	17,0	15,5	32
A502530-08-06	3/4" - 16	9/16" - 18	37,0	18,0	10,0	19
A502530-08-08	3/4" - 16	3/4" - 16	37,5	18,0	11,5	22
A502530-08-10	3/4" - 16	7/8" - 14	41,5	18,0	13,0	27
A502530-08-12	3/4" - 16	1.1/16" - 12	47,0	19,5	15,5	32
A502530-10-08	7/8" - 14	3/4" - 16	41,5	20,0	11,5	22
A502530-10-10	7/8" - 14	7/8" - 14	43,0	20,0	13,0	27
A502530-10-12	7/8" - 14	1.1/16" - 12	48,0	21,0	15,5	32
A502530-12-08	1.1/16" - 12	3/4" - 16	45,0	24,0	11,5	27
A502530-12-10	1.1/16" - 12	7/8" - 14	47,0	24,0	13,0	27
A502530-12-12	1.1/16" - 12	1.1/16" - 12	51,0	24,0	15,5	32
A502530-12-16	1.1/16" - 12	1.5/16" - 12	52,0	24,0	15,5	38
A502530-16-12	1.5/16" - 12	1.1/16" - 12	53,0	25,0	15,5	35
A502530-16-16	1.5/16" - 12	1.5/16" - 12	54,0	25,0	15,5	38
A502530-16-20	1.5/16" - 12	1.5/8" - 12	56,0	25,0	15,5	50
A502530-20-20	1.5/8" - 12	1.5/8" - 12	58,5	28,0	15,5	50
A502530-24-24	1.7/8" - 12	1.7/8" - 12	60,0	29,0	15,5	55
A502530-32-32	2.1/2" - 12	2.1/2" - 12	70,5	35,0	15,5	70

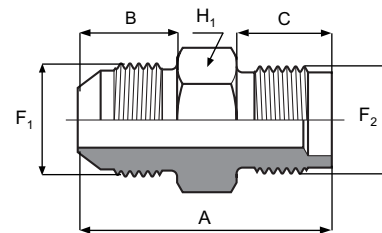
If You wish to order a fitting/ ferrule/ adaptor in stainless, please add at the end of code .SS

ADAPTORS

JIC ADAPTORS

A502554

JIC MALE (SAE J514) - AGRICULTURAL PORT

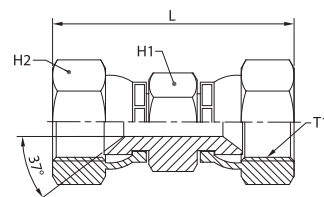


PART. REF.	THREADS		DIMENSIONS mm			
	F ₁ (UNF)	F ₂ (METR)	A	B	H ₁	
A502554-05-18	1/2" - 20	M18x1,5	38,0	14,0	19	
A502554-06-18	9/16" - 19	M18x1,5	38,0	14,0	19	
A502554-08-18	3/4" - 16	M18x1,5	41,0	17,0	19	

If You wish to order a fitting/ ferrule/ adaptor in stainless, please add at the end of code .SS

A512525

UNION JIC FEMALE 37° CONE SEAT (SAE J514 / ISO 8434-2)

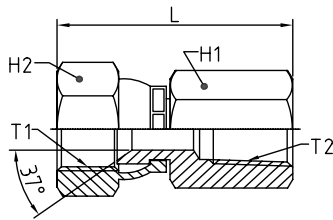


PART. REF.	THREADS		DIMENSIONS mm			
	T ₁ (UNF)	T ₂ (UNF)	L	H ₁	H ₂	
A512525-08-08	3/4" - 16	3/4" - 16	51,0	22	22	
A512525-10-10	7/8" - 14	7/8" - 14	57,0	27	27	
A512525-12-12	1.1/16" - 12	1.1/16" - 12	62,0	32	32	

If You wish to order a fitting/ ferrule/ adaptor in stainless, please add at the end of code .SS

ADAPTORS

JIC ADAPTORS

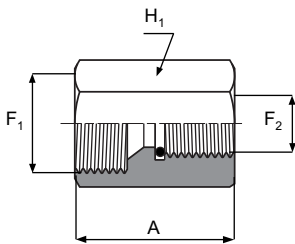


A512534

STRAIGHT ADAPTOR JIC FEMALE 74° CONE SEAT
(SAE J514) NPTF FIXED FEMALE (SAE J514)

PART. REF.	THREADS		DIMENSIONS mm				
	T1 (UNF)	T2 (NPTF)	L	H1	H2		
A512534-06-06	9/16"-18	3/8"-18	42,8	22	19		
A512534-08-06	3/4"-16	3/8"-18	45,3	22	22		
A512534-08-08	3/4"-16	1/2"-14	48,5	27	22		
A512534-10-08	7/8"-14	1/2"-14	50,8	27	27		
A512534-12-12	1.1/16"-12	3/4"-14	58,0	35	32		
A512534-16-16	1.5/16"-12	1"-11,5	66,4	41	38		
A512534-20-20	1.5/8"-12	1.1/4"-11,5	71,8	50	50		

If You wish to order a fitting/ ferrule/ adaptor in stainless, please add at the end of code .SS



A512553

JIC FEMALE (SAE J514)
BSP PRESSURE GAUGE PORT

PART. REF.	THREADS		DIMENSIONS mm			
	F1 (UNF)	F2 (BSP)	A	H1		
A512553-04-04	7/16" - 20	1/4" - 19	28,5	19		
A512553-05-04	1/2" - 20	1/4" - 19	28,5	19		
A512553-06-04	9/16" - 18	1/4" - 19	30,0	24		
A512553-08-04	3/4" - 16	1/4" - 19	32,0	27		
A512553-10-04	7/8" - 14	1/4" - 19	17,0	35		
A512553-12-04	1.1/16" - 12	1/4" - 19	18,0	36		
A512553-16-04	1.5/16" - 12	1/4" - 19	20,0	41		
A512553-20-04	1.5/8" - 12	1/4" - 19	20,0	52		
A512553-24-04	1.7/8" - 12	1/4" - 19	24,0	60		

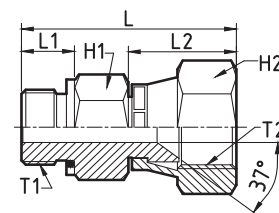
If You wish to order a fitting/ ferrule/ adaptor in stainless, please add at the end of code .SS

ADAPTORS

JIC ADAPTORS

A520325

STRAIGHT ADAPTOR JIC FEMALE 74° CONE SEAT (SAE J514)
BSP MALE O-RING BOSS TYPE (ISO 1179-3)

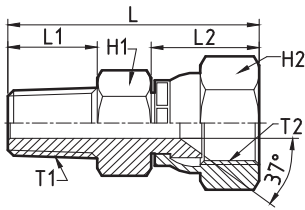


PART. REF.	THREADS		DIMENSIONS mm				
	T ₁ (BSPP)	T ₂ (UNF)	L	L ₁	L ₂	H ₁	H ₂
A520325-02-04	1/8" - 28	7/16" - 20	32,0	8,5	17,0	14	16
A520325-02-05	1/8" - 28	1/2" - 20	33,0	8,5	18,0	14	16
A520325-04-04	1/4" - 19	7/16" - 20	37,0	12,0	17,0	19	16
A520325-04-05	1/4" - 19	1/2" - 20	38,0	12,0	18,0	19	16
A520325-04-06	1/4" - 19	9/16" - 18	39,5	12,0	19,5	19	19
A520325-04-08	1/4" - 19	3/4" - 16	43,5	12,0	23,5	19	22
A520325-06-04	3/8" - 19	7/16" - 20	37,0	12,0	17,0	22	16
A520325-06-05	3/8" - 19	1/2" - 20	38,5	12,0	18,0	22	16
A520325-06-06	3/8" - 19	9/16" - 18	40,0	12,0	19,5	22	19
A520325-06-08	3/8" - 19	3/4" 16	43,5	12,0	23,3	22	22
A520325-06-10	3/8" - 19	7/8" - 14	46,0	12,0	25,0	22	27
A520325-08-04	1/2" - 14	7/16" - 20	41,0	14,0	17,0	27	16
A520325-08-06	1/2" - 14	9/16" - 18	43,5	14,0	20,0	27	19
A520325-08-08	1/2" - 14	3/4" - 16	47,5	14,0	23,5	27	22
A520325-08-10	1/2" - 14	7/8" - 14	49,0	14,0	25,0	27	27
A520325-08-12	1/2" - 14	1.1/16" - 12	51,5	14,0	27,5	27	32
A520325-12-08	3/4" - 14	3/4" - 16	53,0	16,0	23,5	32	22
A520325-12-10	3/4" - 14	7/8" - 14	54,0	16,0	25,0	32	27
A520325-12-12	3/4" - 14	1.1/16" - 12	55,5	16,0	27,5	32	32
A520325-12-14	3/4" - 14	1.3/16" - 12	55,0	16,0	27,0	32	32
A520325-12-16	3/4" - 14	1.5/16" - 12	54,0	16,0	31,0	35	38
A520325-16-12	1" - 11	1.1/16" - 12	58,0	18,0	27,5	41	32
A520325-16-16	1" - 11	1.5/16" - 12	61,5	18,0	31,0	41	38
A520325-16-20	1" - 11	1.5/8" - 12	64,0	18,0	32,0	43	50
A520325-20-16	1.1/4" - 11	1.5/16" - 12	66,0	20,0	35,0	50	38
A520325-20-20	1.1/4" - 11	1.5/8" - 12	67,0	20,0	32,0	50	50
A520325-20-24	1.1/4" - 11	1.7/8" - 12	70,5	20,0	35,5	50	55
A520325-24-24	1.1/2" - 11	1.7/8" - 12	74,5	22,0	35,5	55	55

If You wish to order a fitting/ ferrule/ adaptor in stainless, please add at the end of code .SS

ADAPTORS

JIC ADAPTORS



A520725

STRAIGHT ADAPTOR JIC FEMALE 74°
CONE SEAT (SAE J514) - BSP MALE TAPERED (ISO 7)

PART. REF.	THREADS	DIMENSIONS mm					
	T ₁ (BSPT)	T ₂ (UNF)	L	L ₁	L ₂	H ₁	H ₂
A520725-02-04	1/8" - 28	7/16" - 20	34,0	11,0	17,0	12	16
A520725-02-05	1/8" - 28	1/2" - 20	35,0	11,0	18,0	14	16
A520725-04-04	1/4" - 19	7/16" - 20	39,7	14,0	17,0	14	16
A520725-04-05	1/4" - 19	1/2" - 20	38,0	14,0	28,0	14	16
A520725-04-06	1/4" - 19	9/16" - 18	39,5	14,0	19,5	14	19
A520725-04-08	1/4" - 19	3/4" - 16	45,5	14,0	23,5	19	22
A520725-06-06	3/8" - 19	9/16" - 18	43,5	16,0	19,5	19	19
A520725-06-08	3/8" - 19	3/4" - 16	47,5	16,0	23,5	19	22
A520725-06-10	3/8" - 19	7/8" 14	49,0	16,0	25,0	22	27
A520725-08-06	1/2" - 14	9/16" - 18	47,0	19,0	19,5	22	19
A520725-08-08	1/2" - 14	3/4" - 16	51,0	19,0	23,5	22	22
A520725-08-10	1/2" - 14	7/8" - 14	53,0	19,0	25,0	22	27
A520725-08-12	1/2" - 14	1.1/16" - 12	57,0	19,0	27,5	27	32
A520725-12-10	3/4" - 14	7/8" - 14	55,0	20,0	25,0	27	27
A520725-12-12	3/4" - 14	1.1/16" - 12	57,5	20,0	27,5	27	32
A520725-12-14	3/4" - 14	1.3/16" - 12	59,0	20,0	27,0	32	35
A520725-12-16	3/4" - 14	1.5/16" - 12	63,0	20,0	31,0	35	38
A520725-16-12	1" - 11	1.1/16" - 12	62,5	23,0	27,5	35	32
A520725-16-16	1" - 11	1.5/16" - 12	64,0	23,0	31,0	35	38
A520725-16-20	1" - 11	1.5/8" - 12	68,0	23,0	32,0	44	50
A520725-20-20	1.1/4" - 11	1.5/8" - 12	71,0	26,0	32,0	44	50
A520725-24-24	1.1/2" - 11	1.7/8" - 12	80,0	29,0	35,5	50	55

If You wish to order a fitting/ ferrule/ adaptor in stainless, please add at the end of code .SS

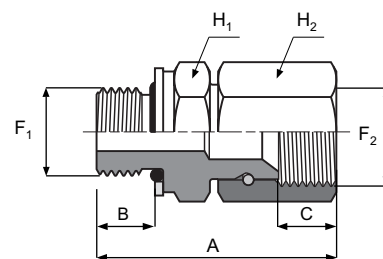
ADAPTORS

JIC ADAPTORS

A521925

METRIC MALE (ISO 6149-2)

JIC FEMALE (SAE J514)



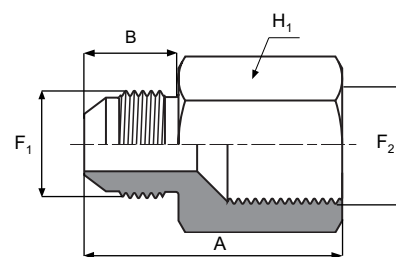
PART. REF.	THREADS		DIMENSIONS mm				
	F ₁ (METR)	F ₂ (UNF)	A	B	C	H ₁	H ₂
A521925-10-04	M10x1,0	7/16" - 20	34,5	18,5	9,0	16	16
A521925-12-05	M12x1,5	1/2" - 20	39,0	20,5	11,0	16	16
A521925-14-05	M14x1,5	1/2" - 20	40,0	20,5	11,0	16	16
A521925-14-06	M14x1,5	9/16" - 18	39,5	18,0	11,0	19	19
A521925-16-08	M16x1,5	3/4" - 16	44,0	23,0	12,5	22	22
A521925-18-10	M18x1,5	7/8" - 14	48,5	26,0	13,5	27	27
A521925-22-10	M22x1,5	7/8" - 14	49,0	25,0	13,0	27	27
A521925-27-12	M27x2,0	1.1/16" - 12	57,5	27,5	18,5	32	32

If You wish to order a fitting/ ferrule/ adaptor in stainless, please add at the end of code .SS

A522503

JIC MALE (SAE J514)

BSP FIXED FEMALE

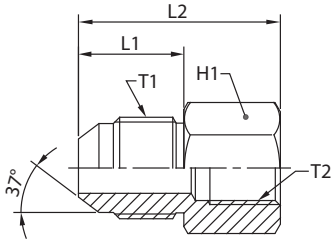


PART. REF.	THREADS		DIMENSIONS mm				
	F ₁ (UNF)	F ₂ (BSP)	A	B	H ₁		
A522503-04-02	7/16" - 20	1/8" - 28	27,0	14,0	16		
A522503-04-04	7/16" - 20	1/4" - 19	32,0	14,0	16		
A522503-05-02	1/2" - 20	1/8" - 28	27,0	14,0	16		
A522503-05-04	1/2" - 20	1/4" - 19	32,0	14,0	16		
A522503-06-04	9/16" - 18	1/4" - 19	32,0	14,0	19		
A522503-06-06	9/16" - 18	3/8" - 19	36,5	14,0	19		
A522503-06-08	9/16" - 18	1/2" - 14	42,5	14,0	19		
A522503-08-06	3/4" - 16	3/8" - 19	35,0	17,0	22		
A522503-08-08	3/4" - 16	1/2" - 14	45,5	17,0	22		
A522503-10-08	7/8" - 14	1/2" - 14	48,0	19,5	27		
A522503-12-08	1.1/16" - 12	1/2" - 14	50,5	22,0	32		
A522503-12-12	1.1/16" - 12	3/4" - 14	52,5	22,0	32		
A522503-16-16	1.5/16" - 12	1" - 11	59,5	23,0	38		
A522503-20-16	1.5/8" - 12	1" - 11	61,0	24,5	50		
A522503-20-20	1.5/8" - 12	1.1/4" - 11	63,0	24,5	50		
A522503-24-24	1.7/8" - 12	1.1/2" - 11	66,5	27,5	54		

If You wish to order a fitting/ ferrule/ adaptor in stainless, please add at the end of code .SS

ADAPTORS

JIC ADAPTORS

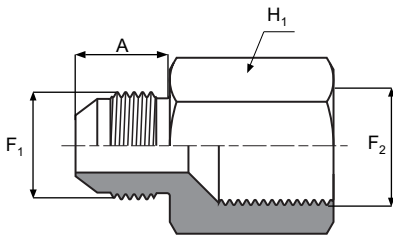


A522504

JIC MALE 37° CONE (SAE J514 / ISO 8434-2)
BSP FIXED FEMALE (ISO 1179-1)

PART. REF.	THREADS		DIMENSIONS mm			
	T ₁ (UNF)	T ₂ (BSPP)	L ₁	L ₂	H ₁	
A522504-04-04	7/16"-20	1/4"-19	14,0	35,0	19	
A522504-05-04	1/2"-20	1/4"-19	14,0	35,0	19	
A522504-06-04	9/16"-18	1/4"-19	14,0	35,0	19	
A522504-08-06	3/4"-16	3/8"-19	16,7	39,0	22	
A522504-12-08	1.1/16"-12	1/2"-14	21,9	49,0	30	
A522504-12-12	1.1/16"-12	3/4"-14	21,9	52,0	36	
A522504-20-20	1.5/8"-12	1.1/4"-11	24,3	63,0	50	

If You wish to order a fitting/ ferrule/ adaptor in stainless, please add at the end of code .SS



A522519

JIC MALE (SAE J514)
METRIC FIXED FEMALE (ISO 6149-1)

PART. REF.	THREADS		DIMENSIONS mm			
	F ₁ (UNF)	F ₂ (METR)	A	H ₁		
A522519-04-10	7/16" - 20	M10x1,0	14,0	16		
A522519-05-12	1/2" - 20	M12x1,5	14,0	16		
A522519-05-14	1/2" - 20	M14x1,5	14,0	16		
A522519-06-14	9/16" - 18	M14x1,5	14,0	19		
A522519-08-16	3/4" - 16	M16x1,5	17,0	22		
A522519-10-18	7/8" - 14	M18x1,5	19,5	27		
A522519-10-22	7/8" - 14	M22x1,5	19,5	27		
A522519-12-27	1.1/16" - 12	M27x1,5	22,0	32		

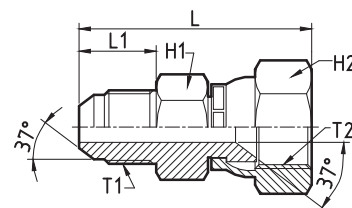
If You wish to order a fitting/ ferrule/ adaptor in stainless, please add at the end of code .SS

ADAPTORS

JIC ADAPTORS

A522525

STRAIGHT ADAPTOR JIC MALE 74° CONE
JIC FEMALE 74° CONE SEAT (SAE J514)

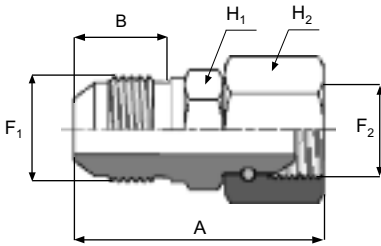


PART. REF.	THREADS		DIMENSIONS mm			
	T ₁ (UNF)	T ₂ (UNF)	L	L ₁	H ₁	H ₂
A522525-04-06	7/16" - 20	9/16" - 18	42,0	14,0	14	19
A522525-04-08	7/16" - 20	3/4" - 16	47,0	15,0	19	22
A522525-04-10	7/16" - 20	7/8" - 14	50,0	16,0	22	27
A522525-04-12	7/16" - 20	1.1/16" - 12	55,0	16,0	27	32
A522525-05-06	1/2" - 20	9/16" - 18	42,0	15,0	14	19
A522525-05-08	1/2" - 20	3/4" - 16	47,0	15,0	19	22
A522525-06-06	9/16" - 18	9/16" - 18	42,0	16,0	14	19
A522525-06-08	9/16" - 18	3/4" - 16	48,0	16,0	19	22
A522525-06-10	9/16" - 18	7/8" - 14	51,0	16,0	22	27
A522525-06-12	9/16" - 18	1.1/16" - 12	55,0	16,0	27	32
A522525-08-08	3/4" - 16	3/4" - 16	50,0	18,0	19	22
A522525-08-10	3/4" - 16	7/8" - 14	53,0	18,0	22	27
A522525-08-12	3/4" - 16	1.1/16" - 12	56,0	18,0	27	32
A522525-10-12	7/8" - 14	1.1/16" - 12	58,0	21,0	27	32
A522525-12-14	1.1/16" - 12	1.3/16" - 12	62,0	24,0	30	35
A522525-12-16	1.1/16" - 12	1.5/16" - 12	67,0	24,0	35	38
A522525-12-20	1.1/16" - 12	1.5/8" - 12	71,0	24,0	43	50
A522525-14-16	1.3/16" - 12	1.5/16" - 12	68,0	25,0	35	38
A522525-14-20	1.3/16" - 12	1.5/8" - 12	70,0	25,0	43	50
A522525-16-20	1.5/16" - 12	1.5/8" - 12	70,0	25,0	43	50
A522525-20-24	1.5/8" - 12	1.7/8" - 12	78,0	28,0	50	55

If You wish to order a fitting/ ferrule/ adaptor in stainless, please add at the end of code .SS

ADAPTORS

JIC ADAPTORS

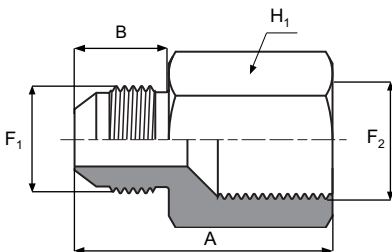


A522528

JIC MALE (SAE J514)
NPSM SWIVEL FEMALE (SAE J476A)

PART. REF.	THREADS		DIMENSIONS mm			
	F ₁ (UNF)	F ₂ (NPSM)	A	B	H ₁	H ₂
A522528-04-02	7/16" - 20	1/8" - 27	35,5	10	14	19
A522528-04-04	7/16" - 20	1/4" - 18	40	14,5	14	19
A522528-05-04	1/2" - 20	1/4" - 18	42	14,5	14	19
A522528-06-04	9/16" - 18	1/4" - 18	43,5	14,5	14	19
A522528-06-08	9/16" - 18	1/2" - 14	50	19	19	22
A522528-08-06	3/4" - 16	3/8" - 18	45	14,5	19	22
A522528-08-08	3/4" - 16	1/2" - 14	51,5	19	19	22
A522528-10-06	7/8" - 14	3/8" - 18	50	14,5	27	32
A522528-10-08	7/8" - 14	1/2" - 14	54,5	19	27	32
A522528-12-08	1.1/16" - 12	1/2" - 14	58	19	30	35
A522528-12-12	1.1/16" - 12	3/4" - 14	58	19	30	35
A522528-16-12	1.5/16" - 12	3/4" - 14	60,5	19	44	50
A522528-16-16	1.5/16" - 12	1" - 11 1/2	65,5	24	50	55
A522528-20-20	1.5/8" - 12	1.1/4" - 11 1/2	70,5	24,5	50	55

If You wish to order a fitting/ ferrule/ adaptor in stainless, please add at the end of code .SS



A522530

JIC MALE (SAE J514)
SAE FEMALE PORT (SAE J1926-1)

PART. REF.	THREADS		DIMENSIONS mm			
	F ₁ (UNF)	F ₂ (NPSM)	A	B	H ₁	
A522530-04-04	7/16" - 20	7/16" - 20	34,5	9,1	14	
A522530-05-05	1/2" - 20	1/2" - 20	36	9,1	14	
A522530-06-06	9/16" - 18	9/16" - 18	38,8	10	19	
A522530-08-08	3/4" - 16	3/4" - 16	43,1	11,1	19	
A522530-10-10	7/8" - 14	7/8" - 14	51	12,7	27	
A522530-12-12	1.1/16" - 12	1.1/16" - 12	54,2	15,1	30	
A522530-16-16	1.5/16" - 12	1.5/16" - 12	58,4	15,1	43	
A522530-20-20	1.5/8" - 12	1.5/8" - 12	60,8	15,1	50	
A522530-24-24	1.7/8" - 12	1.7/8" - 12	69,8	15,1	55	

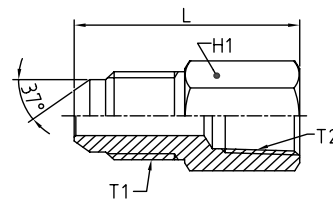
If You wish to order a fitting/ ferrule/ adaptor in stainless, please add at the end of code .SS

ADAPTORS

JIC ADAPTORS

A522534

STRAIGHT ADAPTOR JIC MALE 74° CONE (SAE J514)
NPTF FIXED FEMALE (SAE J514)

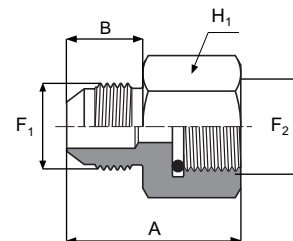


PART. REF.	THREADS		DIMENSIONS mm				
	T1 (UNF)	T2 (NPTF)	L	H1			
A522534-04-04	7/16"-20	1/4"-18	35,3	19			
A522534-05-04	1/2"-20	1/4"-18	35,3	19			
A522534-06-04	9/16"-18	1/4"-18	35,6	19			
A522534-06-06	9/16"-18	3/8"-18	37,0	22			
A522534-08-08	3/4"-16	1/2"-14	45,5	27			
A522534-10-08	7/8"-14	1/2"-14	48,0	27			
A522534-12-12	1.1/16"-12	3/4"-14	52,3	35			
A522534-16-16	1.5/16"-12	1"-11,5	59,7	41			
A522534-20-20	1.5/8"-12	1.1/4"-11,5	63,3	50			

If You wish to order a fitting/ ferrule/ adaptor in stainless, please add at the end of code .SS

A522553

JIC MALE (SAE J514)
BSP PRESSURE GAUGE PORT

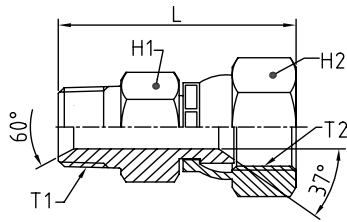


PART. REF.	THREADS		DIMENSIONS mm			
	F1 (UNF)	F2 (BSPP)	A	B	H1	
A522553-04-04	7/16" - 20	1/4" - 19	31,0	14,0	19	
A522553-04-08	7/16" - 20	1/2" - 14	41,0	14,0	27	
A522553-05-04	1/2" - 20	1/4" - 19	28,0	14,0	19	
A522553-05-08	1/2" - 20	1/2" - 14	41,0	14,0	27	
A522553-06-04	9/16" - 18	1/4" - 19	28,0	14,0	19	
A522553-06-08	9/16" - 18	1/2" - 14	35,0	14,0	27	
A522553-08-04	3/4" - 16	1/4" - 19	31,0	17,0	19	
A522553-08-08	3/4" - 16	1/2" - 14	38,0	17,0	27	

If You wish to order a fitting/ ferrule/ adaptor in stainless, please add at the end of code .SS

ADAPTORS

JIC ADAPTORS

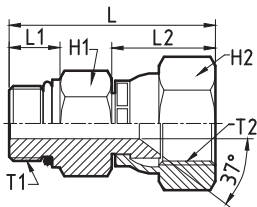


A522825

STRAIGHT ADAPTOR NPTF MALE 60° CONE SEAT (SAE J514)
JIC FEMALE 74° CONE SEAT (SAE J514)

PART. REF.	THREADS	DIMENSIONS mm					
	T1 (NPTF)	T2 (UNF)	L	H1	H2		
A522825-02-04	1/8"-27	7/16"-20	34,3	13	16		
A522825-04-04	1/4"-18	7/16"-20	39,6	16	16		
A522825-04-06	1/4"-18	9/16"-18	42,6	14	19		
A522825-06-06	3/8"-18	9/16"-18	41,4	19	19		
A522825-06-08	3/8"-18	3/4"-16	43,9	22	22		
A522825-08-08	1/2"-14	3/4"-16	50,3	22	22		
A522825-12-12	3/4"-14	1.1/16"-12	57,9	27	32		
A522825-16-16	1"-11,5	1.5/16"-12	65,0	35	38		
A522825-20-20	1.1/4"-11,5	1.5/8"-12	72,0	44	50		

If You wish to order a fitting/ ferrule/ adaptor in stainless, please add at the end of code .SS



A523025

STRAIGHT ADAPTOR SAE MALE O-RING BOSS TYPE (SAE J1926)
JIC FEMALE 74° CONE SEAT (SAE J514)

PART. REF.	THREADS	DIMENSIONS mm					
	T1 (UNF)	T2 (UNF)	L	L1	L2	H1	H2
A523025-04-04	7/16" - 20	7/16" - 20	32,5	9,5	17,0	14	16
A523025-05-05	1/2" - 20	1/2" - 20	36,0	9,5	18,0	16	16
A523025-06-06	9/16" - 18	9/16" - 18	37,5	10,0	19,5	19	19
A523025-08-08	3/4" - 16	3/4" - 16	43,5	11,5	23,5	22	22
A523025-10-10	7/8" - 14	7/8" - 14	48,0	13,0	25,0	27	27
A523025-12-12	1.1/16" - 12	1.1/16" - 12	55,5	15,5	27,5	32	32
A523025-14-14	1.3/16" - 12	1.3/16" - 12	54,5	15,5	27,0	35	35
A523025-16-16	1.5/16" - 12	1.5/16" - 12	59,0	15,5	31,0	38	38
A523025-20-20	1.5/8" - 12	1.5/8" - 12	62,5	15,5	32,0	50	50
A523025-24-24	1.7/8" - 12	1.7/8" - 12	68,0	15,5	35,5	55	55

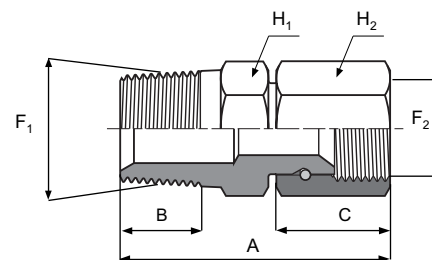
If You wish to order a fitting/ ferrule/ adaptor in stainless, please add at the end of code .SS

ADAPTORS

JIC ADAPTORS

A523525

NPT MALE - JIC FEMALE
74° CONE SEAT (SAE J514)

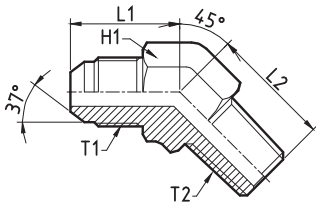


PART. REF.	THREADS		DIMENSIONS mm				
	F ₁ (NPT)	F ₂ (UNF)	A	B	C	H ₁	H ₂
A523525-02-04	7/16" - 20	1/8" - 27	35,5	18,5	10,0	14	14
A523525-04-04	7/16" - 20	1/4" - 18	40,0	18,5	14,5	14	14
A523525-04-05	1/2" - 20	1/4" - 18	37,5	15,0	17,0	14	15
A523525-04-06	9/16" - 18	1/4" - 18	43,5	21,5	14,5	14	19
A523525-06-06	9/16" - 18	3/8" - 18	43,5	21,5	14,5	19	19
A523525-08-06	9/16" - 18	1/2" - 14	45,5	19,5	18,0	22	19
A523525-06-08	3/4" - 16	3/8" - 18	45,0	23,0	14,5	19	22
A523525-08-08	3/4" - 16	1/2" - 14	51,5	23,0	19,0	22	22
A523525-06-10	7/8" - 14	3/8" - 18	50,0	26,0	14,5	22	27
A523525-08-10	7/8" - 14	1/2" - 14	54,5	26,0	19,0	27	32
A523525-08-12	1.1/16" - 12	1/2" - 14	58,0	27,5	19,0	30	32
A523525-12-12	1.1/16" - 12	3/4" - 14	58,0	27,5	19,0	36	38
A523525-12-16	1.5/16" - 12	3/4" - 14	60,5	30,0	19,0	36	38
A523525-16-16	1.5/16" - 12	1" - 11 ^{1/2}	65,5	30,0	24,0	36	38
A523525-20-20	1.5/8" - 12	1.1/4" - 11 ^{1/2}	70,5	33,0	24,5	46	50

If You wish to order a fitting/ ferrule/ adaptor in stainless, please add at the end of code .SS

ADAPTORS

JIC ADAPTORS



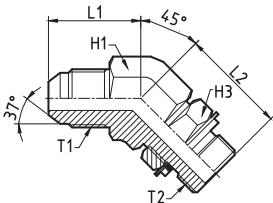
A532507

45° ELBOW ADAPTOR JIC MALE 74° CONE (SAE J514)
BSP MALE TAPERED (ISO 7)

PART. REF.	THREADS	DIMENSIONS mm
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	T ₁ (UNF)	T ₂ (BSPT)	L ₁	L ₂	H ₁
A532507-04-02	7/16" - 20	1/8" - 28	22,0	18,0	14
A532507-04-04	7/16" - 20	1/4" - 19	22,0	21,0	14
A532507-05-04	1/2" - 20	1/4" - 19	22,0	21,0	14
A532507-06-04	9/16" - 18	1/4" - 19	22,0	21,0	14
A532507-06-06	9/16" - 18	3/8" - 19	26,0	26,0	19
A532507-08-06	3/4" - 16	3/8" - 19	26,0	26,0	19
A532507-08-08	3/4" - 16	1/2" - 14	28,0	31,0	22
A532507-10-08	7/8" - 14	1/2" - 14	28,0	31,0	22
A532507-12-12	1.1/16" - 12	3/4" - 14	32,5	31,5	27
A532507-16-16	1.5/16" - 12	1" - 11	40,0	41,0	35
A532507-20-20	1.5/8" - 12	1.1/4" - 11	46,0	46,0	44
A532507-24-24	1.7/8" - 12	1.1/2" - 11	49,0	46,5	50
A532507-32-32	2.1/2" - 12	2" - 11	58,0	55,0	65

If You wish to order a fitting/ ferrule/ adaptor in stainless, please add at the end of code .SS



A532509

45° ELBOW ADJUSTABLE ADAPTOR JIC MALE 74° CONE
(SAE J514) BSP MALE O-RING BOSS TYPE (ISO 1179-3)

PART. REF.	THREADS	DIMENSIONS mm
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	T ₁ (UNF)	T ₂ (BSPP)	L ₁	L ₂	H ₁	H ₃
A532509-04-02	7/16" - 20	1/8" - 28	22,0	26,5	14	14
A532509-04-04	7/16" - 20	1/4" - 19	22,0	28,0	14	19
A532509-05-04	1/2" - 20	1/4" - 19	22,0	28,0	14	19
A532509-06-04	9/16" - 18	1/4" - 19	22,0	28,0	14	19
A532509-06-06	9/16" - 18	3/8" - 19	25,0	33,0	19	22
A532509-08-06	3/4" - 16	3/8" - 19	26,0	33,0	19	22
A532509-08-08	3/4" - 16	1/2" - 14	26,0	38,5	22	27
A532509-10-08	7/8" - 14	1/2" - 14	30,0	38,5	22	27
A532509-10-12	7/8" - 14	3/4" - 14	31,5	43,0	27	32
A532509-12-12	1.1/16" - 12	3/4" - 14	32,5	43,0	27	32
A532509-16-16	1.5/16" - 12	1" - 11	40,0	47,0	35	41
A532509-20-20	1.5/8" - 12	1.1/4" - 11	46,0	48,5	44	50

If You wish to order a fitting/ ferrule/ adaptor in stainless, please add at the end of code .SS

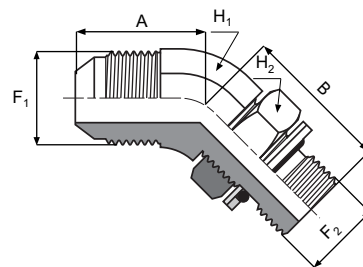
ADAPTORS

JIC ADAPTORS

A532519

JIC MALE (SAE J514)

METRIC MALE O'RING BOSS TYPE (ISO 6149-2), 45° ELBOW



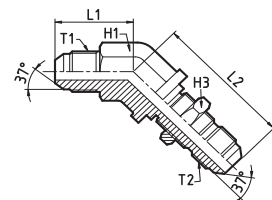
PART. REF.	THREADS		DIMENSIONS mm			
	F ₁ (UNF)	F ₂ (METR)	A	B	H ₁	H ₂
A532519-05-12	1/2" - 20	M12x1,5	21,0	29,0	14	19
A532519-06-16	9/16" - 18	M16x1,5	22,0	33,0	14	22
A532519-08-18	3/4" - 16	M18x1,5	25,0	33,0	19	27
A532519-10-18	7/8" - 14	M18x1,5	28,0	35,0	22	27
A532519-10-22	7/8" - 14	M22x1,5	28,0	38,5	22	32
A532519-12-22	1.1/16" - 12	M22x1,5	32,5	40,5	27	32
A532519-12-27	1.1/16" - 12	M27x2,0	32,5	44,0	27	38
A532519-16-27	1.5/16" - 12	M27x2,0	37,0	47,0	35	38
A532519-16-33	1.5/16" - 12	M33x2,0	37,0	47,0	35	41

If You wish to order a fitting/ ferrule/ adaptor in stainless, please add at the end of code .SS

A532523

45° ELBOW BULKHEAD ADAPTOR JIC MALE

74° CONE (SAE J514)

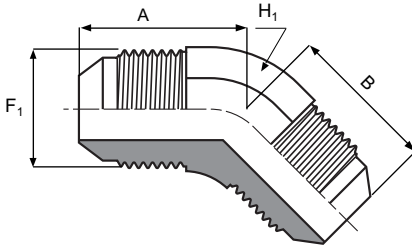


PART. REF.	THREADS		DIMENSIONS mm			
	T ₁ (UNF)	T ₂ (UNF)	L ₁	L ₂	H ₁	H ₃
A532523-04-04	7/16" - 20	7/16" - 20	22,0	39,0	14	16
A532523-05-05	1/2" - 20	1/2" - 20	22,0	39,0	14	16
A532523-06-06	9/16" - 18	9/16" - 18	22,0	42,5	14	19
A532523-08-08	3/4" - 16	3/4" - 16	26,0	49,0	19	24
A532523-10-10	7/8" - 14	7/8" - 14	30,0	55,0	22	27
A532523-12-12	1.1/16" - 12	1.1/16" - 12	32,5	62,0	27	32
A532523-16-16	1.5/16" - 12	1.5/16" - 12	40,0	65,0	35	38
A532523-20-20	1.5/8" - 12	1.5/8" - 12	46,0	67,0	41	50
A532523-24-24	1.7/8" - 12	1.7/8" - 12	49,0	67,5	50	55

If You wish to order a fitting/ ferrule/ adaptor in stainless, please add at the end of code .SS

ADAPTORS

JIC ADAPTORS

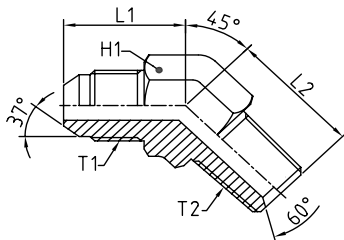


A532525

JIC MALE (SAE J514), 45° ELBOW

PART. REF.	THREADS	DIMENSIONS mm			
	F ₁ (UNF)	A	B	H ₁	
A532525-04-04	7/16" - 20	23,5	23,5	14	
A532525-05-05	1/2" - 20	23,5	23,5	14	
A532525-06-06	9/16" - 18	25,0	25,0	14	
A532525-08-08	3/4" - 16	27,0	27,0	19	
A532525-10-10	7/8" - 14	32,0	32,0	22	

If You wish to order a fitting/ ferrule/ adaptor in stainless, please add at the end of code .SS



A532528

45° ELBOW ADAPTOR JIC MALE 74° CONE (SAE J514)
NPTF MALE 60° CONE SEAT (SAE J514)

PART. REF.	THREADS	DIMENSIONS mm			
	T ₁ (UNF)	T ₂ (NPTF)	L ₁	L ₂	H ₁
A532528-04-02	7/16"-20	1/8"-27	18,3	16,3	11
A532528-04-04	7/16"-20	1/4"-18	20,8	21,8	14
A532528-05-04	1/2"-20	1/4"-18	20,8	21,8	14
A532528-06-04	9/16"-18	1/4"-18	21,0	21,8	14
A532528-06-06	9/16"-18	3/8"-18	22,1	24,1	19
A532528-08-08	3/4"-16	1/2"-14	25,2	29,7	22
A532528-08-12	3/4"-16	3/4"-14	26,4	30,5	27
A532528-10-08	7/8"-14	1/2"-14	28,2	29,7	22
A532528-12-12	1.1/16"-12	3/4"-14	32,5	30,5	27
A532528-16-16	1.5/16"-12	1"-11,5	37,3	37,6	33
A532528-20-20	1.5/8"-12	1.1/4"-11,5	40,4	42,4	41

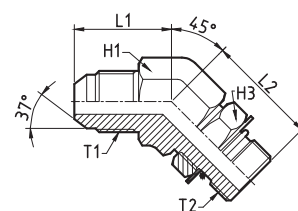
If You wish to order a fitting/ ferrule/ adaptor in stainless, please add at the end of code .SS

ADAPTORS

JIC ADAPTORS

A532531

45° ELBOW ADJUSTABLE ADAPTOR JIC MALE 74° CONE (SAE J514)
SAE MALE O-RING BOSS TYPE (SAE J1926)

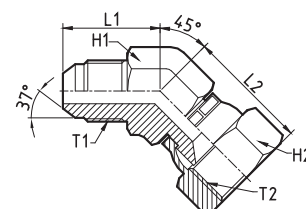


PART. REF.	THREADS		DIMENSIONS mm			
	T ₁ (UNF)	T ₂ (UNF)	L ₁	L ₂	H ₁	H ₃
A532531-04-04	7/16" - 20	7/16" - 20	22,0	26,5	14	16
A532531-05-05	1/2" - 20	1/2" - 20	22,0	26,5	14	16
A532531-06-06	9/16" - 18	9/16" - 18	22,0	28,0	14	19
A532531-06-08	9/16" - 18	3/4" - 16	24,0	33,0	19	24
A532531-08-06	3/4" - 16	9/16" - 18	26,0	30,0	19	19
A532531-08-08	3/4" - 16	3/4" - 16	26,0	33,0	19	24
A532531-08-10	3/4" - 16	7/8" - 14	28,0	38,5	22	27
A532531-10-10	7/8" - 14	7/8" - 14	30,0	38,5	22	27
A532531-12-10	1.1/16" - 12	7/8" - 14	32,5	41,5	27	27
A532531-12-12	1.1/16" - 12	1.1/16" - 12	32,5	43,0	27	32
A532531-16-16	1.5/16" - 12	1.5/16" - 12	40,0	47,0	35	38
A532531-20-20	1.5/8" - 12	1.5/8" - 12	46,0	48,5	44	50

If You wish to order a fitting/ ferrule/ adaptor in stainless, please add at the end of code .SS

A552525

45° ELBOW ADAPTOR JIC MALE 74° CONE
JIC FEMALE 74° CONE SEAT (SAE J514)

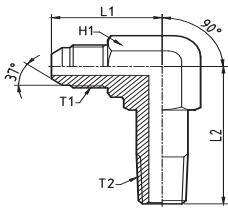


PART. REF.	THREADS		DIMENSIONS mm			
	T ₁ (UNF)	T ₂ (UNF)	L ₁	L ₂	H ₁	H ₂
A552525-04-04	7/16" - 20	7/16" - 20	22,0	24,5	14	16
A552525-05-05	1/2" - 20	1/2" - 20	22,0	26,5	14	16
A552525-06-06	9/16" - 18	9/16" - 18	22,0	28,5	14	19
A552525-08-08	3/4" - 16	3/4" - 16	26,0	32,0	19	22
A552525-10-10	7/8" - 14	7/8" - 14	30,0	37,0	22	27
A552525-12-12	1.1/16" - 12	1.1/16" - 12	32,5	38,5	27	32
A552525-16-16	1.5/16" - 12	1.5/16" - 12	40,0	45,0	35	38
A552525-20-20	1.5/8" - 12	1.5/8" - 12	46,0	51,5	44	50
A552525-24-24	1.7/8" - 12	1.7/8" - 12	49,0	57,5	50	55

If You wish to order a fitting/ ferrule/ adaptor in stainless, please add at the end of code .SS

ADAPTORS

JIC ADAPTORS



A562502

90° ELBOW ADAPTOR JIC MALE 74° CONE (SAE J514)
BSP MALE TAPERED LONG (ISO 7)

PART. REF.	THREADS		DIMENSIONS mm		
	T ₁ (UNF)	T ₂ (BSPT)	L ₁	L ₂	H ₁
A562502-04-02	7/16" - 20	1/8" - 28	24,0	49,0	14
A562502-04-04	7/16" - 20	1/4" - 19	24,0	49,0	14
A562502-05-04	1/2" - 20	1/4" - 19	24,0	49,0	14
A562502-06-04	9/16" - 18	1/4" - 19	24,0	49,0	14
A562502-08-06	3/4" - 16	3/8" - 16	31,5	61,0	19
A562502-08-08	3/4" - 16	1/2" - 14	34,0	73,0	24
A562502-10-08	7/8" - 14	1/2" - 14	35,5	73,0	24
A562502-12-12	1.1/16" - 12	3/4" - 14	37,0	87,0	27
A562502-16-16	1.5/16" - 12	1" - 11	46,0	107,0	35

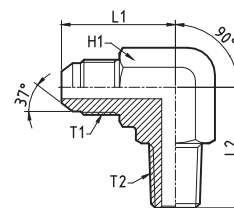
If You wish to order a fitting/ ferrule/ adaptor in stainless, please add at the end of code .SS

ADAPTORS

JIC ADAPTORS

A562507

90° ELBOW ADAPTOR JIC MALE 74° CONE (SAE J514)
BSP MALE TAPERED (ISO 7)

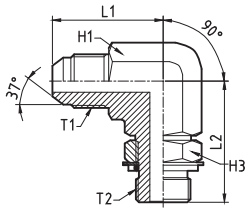


PART. REF.	THREADS		DIMENSIONS mm		
	T ₁ (UNF)	T ₂ (BSPT)	L ₁	L ₂	H ₁
A562507-04-02	7/16" - 20	1/8" - 28	22,5	21,0	12
A562507-04-04	7/16" - 20	1/4" - 19	26,0	27,0	14
A562507-04-06	7/16" - 20	3/8" - 19	28,5	31,0	19
A562507-05-02	1/2" - 20	1/8" - 28	26,0	23,0	14
A562507-05-04	1/2" - 20	1/4" - 19	26,0	27,0	14
A562507-05-06	1/2" - 20	3/8" - 19	28,5	31,0	19
A562507-06-04	9/16" - 18	1/4" - 19	26,0	27,0	14
A562507-06-06	9/16" - 18	3/8" - 19	29,0	31,0	19
A562507-06-08	9/16" - 18	1/2" - 14	33,0	37,0	22
A562507-08-04	3/4" - 16	1/4" - 19	31,5	31,0	19
A562507-08-06	3/4" - 16	3/8" - 19	31,5	31,0	19
A562507-08-08	3/4" - 16	1/2" - 14	34,0	37,0	22
A562507-10-06	7/8" - 14	3/8" - 19	36,5	34,0	22
A562507-10-08	7/8" - 14	1/2" - 14	36,5	37,0	22
A562507-10-12	7/8" - 14	3/4" - 14	39,5	40,5	27
A562507-12-08	1.1/16" - 12	1/2" - 14	42,0	40,5	27
A562507-12-12	1.1/16" - 12	3/4" - 14	42,0	40,5	27
A562507-12-16	1.1/16" - 12	1" - 11	46,0	48,0	35
A562507-16-12	1.5/16" - 12	3/4" - 14	46,0	46,0	35
A562507-16-16	1.5/16" - 12	1" - 11	46,0	48,0	35
A562507-16-20	1.5/16" - 12	1.1/4" - 11	52,0	57,0	41
A562507-20-16	1.5/8" - 12	1" - 11	52,0	54,0	41
A562507-20-20	1.5/8" - 12	1.1/4" - 11	52,0	57,0	41
A562507-20-24	1.5/8" - 12	1.1/2" - 11	59,0	65,0	50
A562507-24-20	1.7/8" - 12	1.1/4" - 11	59,0	65,0	50
A562507-24-24	1.7/8" - 12	1.1/2" - 11	59,0	65,0	50
A562507-24-32	1.7/8" - 12	2" - 11	72,0	74,0	65
A562507-32-24	2.1/2" - 12	1.1/2" - 11	75,0	74,0	65
A562507-32-32	2.1/2" - 12	2" - 11	75,0	74,0	65

If You wish to order a fitting/ ferrule/ adaptor in stainless, please add at the end of code .SS

ADAPTORS

JIC ADAPTORS



A562509

90° ELBOW ADJUSTABLE ADAPTOR JIC MALE
74° CONE (SAE J514) BSP MALE O-RING BOSS TYPE (ISO 1179-3)

PART. REF.	THREADS		DIMENSIONS mm			
	T ₁ (UNF)	T ₂ (BSPP)	L ₁	L ₂	H ₁	H ₃
A562509-04-02	7/16" - 20	1/8" - 28	25,0	26,5	14	14
A562509-04-04	7/16" - 20	1/4" - 19	25,0	31,5	14	19
A562509-04-06	7/16" - 20	3/8" - 19	28,5	36,5	19	22
A562509-04-08	7/16" - 20	1/2" - 14	31,0	43,0	22	27
A562509-05-02	1/2" - 20	1/8" - 28	25,0	26,5	14	14
A562509-05-04	1/2" - 20	1/4" - 19	25,0	31,5	14	19
A562509-05-06	1/2" - 20	3/8" - 19	28,5	36,5	19	22
A562509-06-04	9/16" - 18	1/4" - 19	27,0	31,5	14	19
A562509-06-06	9/16" - 18	3/8" - 19	29,0	36,5	19	22
A562509-06-08	9/16" - 18	1/2" - 14	31,0	43,0	22	27
A562509-08-04	3/4" - 16	1/4" - 19	31,5	33,5	19	19
A562509-08-06	3/4" - 16	3/8" - 19	31,5	36,5	19	22,
A562509-08-08	3/4" - 16	1/2" - 14	34,0	43,0	22	27,
A562509-08-12	3/4" - 16	3/4" - 14	37,0	49,0	27	32,
A562509-10-06	7/8" - 14	3/8" - 19	36,5	39,5	22	22
A562509-10-08	7/8" - 14	1/2" - 14	36,5	43,0	22	27
A562509-10-12	7/8" - 14	3/4" - 14	39,5	49,0	27	32
A562509-12-08	1.1/16" - 12	1/2" - 14	42,0	45,5	27	27
A562509-12-12	1.1/16" - 12	3/4" - 14	42,0	49,0	27	32
A562509-12-16	1.1/16" - 12	1" - 11	46,0	52,0	35	41
A562509-16-12	1.5/16" - 12	3/4" - 14	46,0	52,0	35	32
A562509-16-16	1.5/16" - 12	1" - 11	46,0	52,0	35	41
A562509-16-20	1.5/16" - 12	1.1/4" - 11	52,0	57,0	41	50
A562509-20-16	1.5/8" - 12	1" - 11	52,0	57,0	41	41
A562509-20-20	1.5/8" - 12	1.1/4" - 11	52,0	57,0	41	50
A562509-24-20	1.7/8" - 12	1.1/4" - 11	59,0	65,0	50	50
A562509-24-24	1.7/8" - 12	1.1/2" - 11	59,0	65,0	50	55

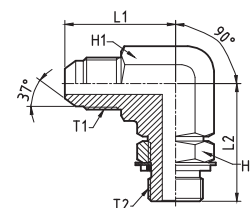
If You wish to order a fitting/ ferrule/ adaptor in stainless, please add at the end of code .SS

ADAPTORS

JIC ADAPTORS

A562519

90° ELBOW ADJUSTABLE ADAPTOR JIC MALE 74° CONE (SAE J514)
METRIC MALE (ISO 6149)

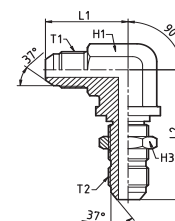


PART. REF.	THREADS		DIMENSIONS mm			
	T ₁ (UNF)	T ₂ (METRIC)	L ₁	L ₂	H ₁	H ₃
A562519-04-10	7/16" - 20	10x1	25,0	27,0	14	14
A562519-04-12	7/16" - 20	12x1.5	25,0	31,5	14	17
A562519-05-10	1/2" - 20	10x1	25,0	27,0	14	14
A562519-05-12	1/2" - 20	12x1.5	25,0	31,5	14	17
A562519-05-14	1/2" - 20	14x1.5	25,0	31,5	14	19
A562519-06-14	9/16" - 18	14x1.5	27,0	31,5	14	19
A562519-06-16	9/16" - 18	16x1.5	29,0	36,5	19	22
A562519-08-16	3/4" - 16	16x1.5	31,5	36,5	19	22
A562519-08-18	3/4" - 16	18x1.5	31,5	39,5	19	24
A562519-10-18	7/8" - 14	18x1.5	36,5	41,5	22	24
A562519-10-22	7/8" - 14	22x1.5	36,5	43,0	22	27
A562519-12-22	1.1/16" - 12	22x1.5	42,0	45,5	27	27
A562519-12-27	1.1/16" - 12	27x2	42,0	50,5	27	32
A562519-16-27	1.5/16" - 12	27x2	46,0	55,0	35	32
A562519-16-33	1.5/16" - 12	33x2	46,0	55,0	35	41
A562519-20-42	1.5/8" - 12	42x2	52,0	60,0	41	50
A562519-24-48	1.7/8" - 12	48x2	59,0	64,0	50	55

If You wish to order a fitting/ ferrule/ adaptor in stainless, please add at the end of code .SS

A562523

90° ELBOW BULKHEAD ADAPTOR JIC MALE 74° CONE (SAE J514)

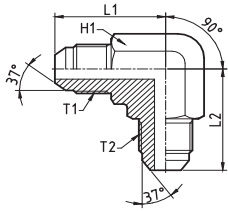


PART. REF.	THREADS		DIMENSIONS mm			
	T ₁ (UNF)	T ₂ (UNF)	L ₁	L ₂	H ₁	H ₃
A562523-04-04	7/16" - 20	7/16" - 20	24,0	41,0	14	16
A562523-05-05	1/2" - 20	1/2" - 20	24,0	43,0	14	16
A562523-06-06	9/16" - 18	9/16" - 18	24,0	45,0	14	19
A562523-08-08	3/4" - 16	3/4" - 16	31,5	54,0	19	24
A562523-10-10	7/8" - 14	7/8" - 14	35,0	60,0	24	27
A562523-12-12	1.1/16" - 12	1.1/16" - 12	38,0	68,0	27	32
A562523-16-16	1.5/16" - 12	1.5/16" - 12	48,0	71,0	36	38

If You wish to order a fitting/ ferrule/ adaptor in stainless, please add at the end of code .SS

ADAPTORS

JIC ADAPTORS



A562525

90° ELBOW ADAPTOR JIC MALE 74° CONE (SAE J514)

PART. REF.	THREADS		DIMENSIONS mm		
	T ₁ (UNF)	T ₂ (UNF)	L ₁	L ₂	H ₁
A562525-04-04	7/16" - 20	7/16" - 20	22,5	22,5	12
A562525-05-05	1/2" - 20	1/2" - 20	25,0	25,0	14
A562525-06-06	9/16" - 18	9/16" - 18	26,0	26,0	14
A562525-08-08	3/4" - 16	3/4" - 16	31,5	31,5	19
A562525-10-10	7/8" - 14	7/8" - 14	36,5	36,5	22
A562525-12-12	1.1/16" - 12	1.1/16" - 12	42,0	42,0	27
A562525-16-16	1.5/16" - 12	1.5/16" - 12	46,0	46,0	35
A562525-20-20	1.5/8" - 12	1.5/8" - 12	52,0	52,0	41
A562525-24-24	1.7/8" - 12	1.7/8" - 12	59,0	59,0	50
A562525-32-32	2.1/2" - 12	2.1/2" - 12	75,0	75,0	65

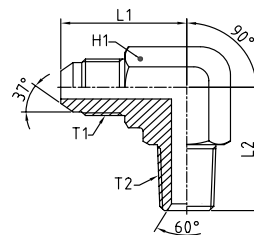
If You wish to order a fitting/ ferrule/ adaptor in stainless, please add at the end of code .SS

ADAPTORS

JIC ADAPTORS

A562528

90° ELBOW ADAPTOR JIC MALE 74° CONE (SAE J514)
NPTF MALE 60° CONE SEAT (SAE J514)

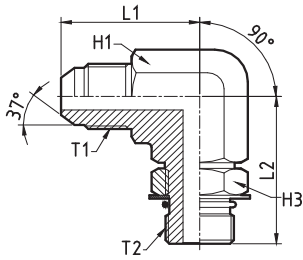


PART. REF.	THREADS		DIMENSIONS mm				
	T1 (UNF)	T2 (NPTF)	L1	L2	H1		
A562528-04-02	7/16"-20	1/8"-27	22,6	19,8	11		
A562528-04-04	7/16"-20	1/4"-18	26,7	27,7	14		
A562528-05-04	1/2"-20	1/4"-18	26,7	27,7	14		
A562528-06-04	9/16"-18	1/4"-18	26,9	27,7	14		
A562528-06-06	9/16"-18	3/8"-18	29,0	31,0	19		
A562528-06-08	9/16"-18	1/2"-14	31,0	37,3	22		
A562528-08-06	3/4"-16	3/8"-18	31,8	31,0	19		
A562528-08-08	3/4"-16	1/2"-14	33,8	37,3	22		
A562528-08-12	3/4"-16	3/4"-14	36,0	40,4	27		
A562528-10-08	7/8"-14	1/2"-14	36,8	37,3	22		
A562528-10-12	7/8"-14	3/4"-14	39,1	40,4	27		
A562528-12-08	1.1/16"-12	1/2"-14	42,2	40,4	27		
A562528-12-12	1.1/16"-12	3/4"-14	42,2	40,4	27		
A562528-12-16	1.1/16"-12	1"-11,5	44,7	50,0	33		
A562528-16-12	1.5/16"-12	3/4"-14	46,0	45,2	33		
A562528-16-16	1.5/16"-12	1"-11,5	46,0	50,0	33		
A562528-20-20	1.5/8"-12	1.1/4"-11,5	52,3	60,5	41		
A562528-24-24	1.7/8"-12	1.1/2"-11,5	59,2	67,0	48		

If You wish to order a fitting/ ferrule/ adaptor in stainless, please add at the end of code .SS

ADAPTORS

JIC ADAPTORS



A562531

90° ELBOW ADJUSTABLE ADAPTOR JIC MALE 74° CONE (SAE J514)
SAE MALE O-RING BOSS TYPE (SAE J1926)

PART. REF.	THREADS		DIMENSIONS mm			
	T ₁ (UNF)	T ₂ (UNF)	L ₁	L ₂	H ₁	H ₃
A562531-04-04	7/16" - 20	7/16" - 20	25,0	26,5	14	16
A562531-04-06	7/16" - 20	9/16" - 18	25,0	31,5	14	19
A562531-05-04	1/2" - 20	7/16" - 20	25,0	26,5	14	16
A562531-05-05	1/2" - 20	1/2" - 20	25,0	27,5	14	16
A562531-05-06	1/2" - 20	9/16" - 18	25,0	31,5	14	19
A562531-06-04	9/16" - 18	7/16" - 20	27,0	30,0	14	16
A562531-06-05	9/16" - 18	1/2" - 20	27,0	30,0	14	16
A562531-06-06	9/16" - 18	9/16" - 18	27,0	31,5	14	19
A562531-06-08	9/16" - 18	3/4" - 16	29,0	36,5	19	24
A562531-06-10	9/16" - 18	7/8" - 14	31,0	43,0	22	27
A562531-08-06	3/4" - 16	9/16" - 18	31,5	33,5	19	19
A562531-08-08	3/4" - 16	3/4" - 16	31,5	36,5	19	24
A562531-08-10	3/4" - 16	7/8" - 14	34,0	43,0	22	27
A562531-08-12	3/4" - 16	1.1/16" - 12	37,0	49,0	27	32
A562531-10-06	7/8" - 14	9/16" - 18	36,5	37,0	22	19
A562531-10-08	7/8" - 14	3/4" - 16	36,5	39,5	22	24
A562531-10-10	7/8" - 14	7/8" - 14	36,5	43,0	22	27
A562531-10-12	7/8" - 14	1.1/16" - 12	39,5	49,0	27	32
A562531-12-08	1.1/16" - 12	3/4" - 16	42,0	44,0	27	24
A562531-12-10	1.1/16" - 12	7/8" - 14	42,0	47,0	27	27
A562531-12-12	1.1/16" - 12	1.1/16" - 12	42,0	49,0	27	32
A562531-12-16	1.1/16" - 12	1.5/16" - 12	46,0	52,0	35	38
A562531-16-12	1.5/16" - 12	1.1/16" - 12	46,0	52,0	35	32
A562531-16-16	1.5/16" - 12	1.5/16" - 12	46,0	52,0	35	38
A562531-16-20	1.5/16" - 12	1.5/8" - 12	52,0	57,0	41	50
A562531-20-16	1.5/8" - 12	1.5/16" - 12	52,0	57,0	41	38
A562531-20-20	1.5/8" - 12	1.5/8" - 12	52,0	57,0	41	50
A562531-20-24	1.5/8" - 12	1.7/8" - 12	59,0	65,0	50	55
A562531-24-20	1.7/8" - 12	1.5/8" - 12	59,0	65,0	50	50
A562531-24-24	1.7/8" - 12	1.7/8" - 12	59,0	65,0	50	55

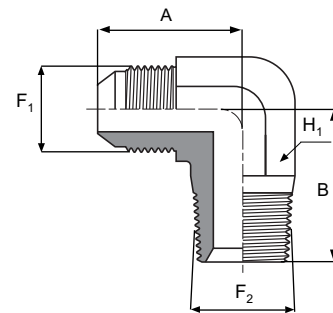
If You wish to order a fitting/ ferrule/ adaptor in stainless, please add at the end of code .SS

ADAPTORS

JIC ADAPTORS

A562535

JIC MALE (SAE J514)
NPT MALE, 90° ELBOW

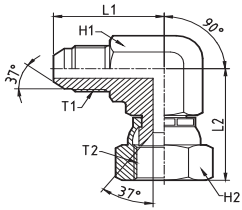


PART. REF.	THREADS		DIMENSIONS mm		
	F ₁ (UNF)	F ₂ (NPTF)	A	B	H ₁
A562535-04-02	7/16" - 20	1/8" - 27	22,5	19,5	14
A562535-04-04	7/16" - 20	1/4" - 18	27,0	27,5	14
A562535-05-02	1/2" - 20	1/8" - 27	24,0	19,5	14
A562535-05-04	1/2" - 20	1/4" - 18	27,0	27,5	14
A562535-06-02	9/16" - 18	1/8" - 27	27,0	23,5	14
A562535-06-04	9/16" - 18	1/4" - 18	27,0	27,5	14
A562535-06-06	9/16" - 18	3/8" - 18	28,5	31,0	14
A562535-06-08	9/16" - 18	1/2" - 14	31,0	37,0	19
A562535-08-04	3/4" - 16	1/4" - 18	31,5	31,0	19
A562535-08-06	3/4" - 16	3/8" - 18	31,5	31,0	19
A562535-08-08	3/4" - 16	1/2" - 14	34,0	37,0	19
A562535-08-12	3/4" - 16	3/4" - 14	37,0	40,5	27
A562535-10-06	7/8" - 14	3/8" - 18	36,5	32,0	22
A562535-10-08	7/8" - 14	1/2" - 14	36,5	37,0	22
A562535-10-12	7/8" - 14	3/4" - 14	43,0	45,0	27
A562535-12-08	1.1/16" - 12	1/2" - 14	42,0	40,5	27
A582535-12-12	1.1/16" - 12	3/4" - 14	42,0	40,5	27
A562535-16-12	1.5/16" - 12	3/4" - 14	46,0	45,0	35
A562535-16-16	1.5/16" - 12	1" - 11 ^{1/2}	46,0	50,0	35
A562535-20-16	1.5/8" - 12	1" - 11 ^{1/2}	52,0	59,0	41
A562535-20-20	1.5/8" - 12	1.1/4" - 11 ^{1/2}	52,0	60,0	41
A562535-24-24	1.7/8" - 12	1.1/2" - 11 ^{1/2}	59,0	67,0	50

If You wish to order a fitting/ ferrule/ adaptor in stainless, please add at the end of code .SS

ADAPTORS

JIC ADAPTORS

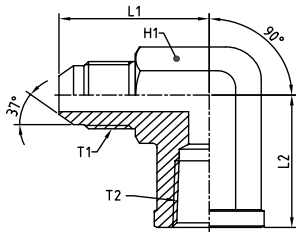


A582525

90° ELBOW ADAPTOR JIC MALE 74° CONE
JIC FEMALE 74° CONE SEAT (SAE J514)

PART. REF.	THREADS		DIMENSIONS mm			
	T ₁ (UNF)	T ₂ (UNF)	L ₁	L ₂	H ₁	H ₂
A582525-04-04	7/16" - 20	7/16" - 20	25,0	26,0	14	16
A582525-05-05	1/2" - 20	1/2" - 20	25,0	28,0	14	16
A582525-06-06	9/16" - 18	9/16" - 18	27,0	31,0	14	19
A582525-08-08	3/4" - 16	3/4" - 16	31,5	35,5	19	22
A582525-10-10	7/8" - 14	7/8" - 14	36,5	42,0	22	27
A582525-12-12	1.1/16" - 12	1.1/16" - 12	42,0	45,5	27	32
A582525-16-16	1.5/16" - 12	1.5/16" - 12	46,0	51,5	35	38
A582525-20-20	1.5/8" - 12	1.5/8" - 12	52,0	59,0	41	50
A582525-24-24	1.7/8" - 12	1.7/8" - 12	59,0	67,0	50	55

If You wish to order a fitting/ ferrule/ adaptor in stainless, please add at the end of code .SS



A582534

90° ELBOW ADAPTOR JIC MALE 74° CONE (SAE J514)
NPTF FIXED FEMALE (SAE J514)

PART. REF.	THREADS		DIMENSIONS mm				
	T ₁ (UNF)	T ₂ (NPTF)	L ₁	L ₂	H ₁		
A582534-04-04	7/16"-20	1/4"-18	31,0	22,4	19		
A582534-05-04	1/2"-20	1/4"-18	31,0	22,4	19		
A582534-06-04	9/16"-18	1/4"-18	31,2	22,4	19		
A582534-06-06	9/16"-18	3/8"-18	33,3	25,9	22		
A582534-08-08	3/4"-16	1/2"-14	38,6	31,2	27		
A582534-10-08	7/8"-14	1/2"-14	41,7	31,2	27		
A582534-12-12	1.1/16"-12	3/4"-14	48,0	34,5	33		
A582534-16-16	1.5/16"-12	1"-11,5	55,1	41,2	41		

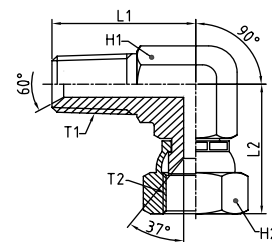
If You wish to order a fitting/ ferrule/ adaptor in stainless, please add at the end of code .SS

ADAPTORS

JIC ADAPTORS

A582825

90° ELBOW ADAPTOR NPTF MALE 60° CONE SEAT (SAE J514)
JIC FEMALE 74° CONE SEAT (SAE J514)

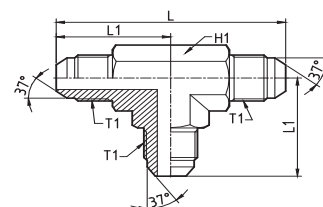


PART. REF.	THREADS		DIMENSIONS mm				
	T1 (NPTF)	T2 (UNF)	L1	L2	H1	H2	
A582825-02-04	1/8"-27	7/16"-20	19,8	25,4	11	16	
A582825-04-04	1/4"-18	7/16"-20	27,7	29,0	14	16	
A582825-04-06	1/4"-18	9/16"-18	27,7	31,8	14	19	
A582825-06-06	3/8"-18	9/16"-18	31,0	32,6	19	19	
A582825-06-08	3/8"-18	3/4"-16	31,0	35,0	19	22	
A582825-08-08	1/2"-14	3/4"-16	37,3	38,4	22	22	
A582825-12-12	3/4"-14	1.1/16"-12	40,4	44,5	27	32	
A582825-16-16	1"-11,5	1.5/16"-12	50,0	50,8	33	38	
A582825-20-20	1.1/4"-11,5	1.5/8"-12	60,5	58,7	41	50	

If You wish to order a fitting/ ferrule/ adaptor in stainless, please add at the end of code .SS

A702525

UNION TEE JIC MALE 74° CONE (SAE J514)

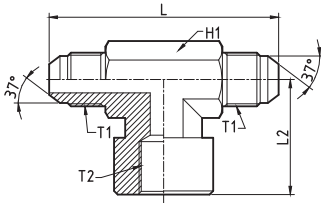


PART. REF.	THREADS	DIMENSIONS mm		
	T1 (UNF)	L	L1	H1
A702525-04-04	7/16" - 20	45,0	22,5	12
A702525-05-05	1/2" - 20	50,0	25,0	14
A702525-06-06	9/16" - 18	54,0	27,0	14
A702525-08-08	3/4" - 16	63,0	31,5	19
A702525-10-10	7/8" - 14	73,0	36,5	22
A702525-12-12	1.1/16" - 12	84,0	42,0	27
A702525-16-16	1.5/16" - 12	92,0	46,0	36
A702525-20-20	1.5/8" - 12	104,0	52,0	41
A702525-24-24	1.7/8" - 12	118,0	59,0	50

If You wish to order a fitting/ ferrule/ adaptor in stainless, please add at the end of code .SS

ADAPTORS

JIC ADAPTORS

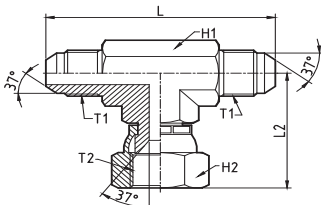


A712502

BRANCH TEE JIC MALE 74° CONE (SAE J514)
BSP FEMALE TAPERED (ISO 7)

PART. REF.	THREADS		DIMENSIONS mm		
	T ₁ (UNF)	T ₂ (BSPT)	L	L ₂	H ₁
A712502-04-02	7/16" - 20	1/8" - 28	48,0	17,0	17
A712502-05-02	1/2" - 20	1/8" - 28	50,0	19,0	17
A712502-06-04	9/16" - 18	1/4" - 19	57,0	22,5	19
A712502-08-06	3/4" - 16	3/8" - 19	68,0	26,0	22
A712502-10-08	7/8" - 14	1/2" - 14	79,0	31,0	27
A712502-12-12	1.1/16" - 12	3/4" - 14	89,0	34,5	36
A712502-16-16	1.5/16" - 12	1" - 11	104,0	41,0	41
A712502-20-20	1.5/8" - 12	1.1/4" - 11	118,0	43,0	50

If You wish to order a fitting/ ferrule/ adaptor in stainless, please add at the end of code .SS



A712525

BRANCH TEE JIC MALE 74° CONE
JIC FEMALE 74° CONE SEAT (SAE J514)

PART. REF.	THREADS		DIMENSIONS mm			
	T ₁ (UNF)	T ₂ (UNF)	L ₁	L ₂	H ₁	H ₂
A712525-04-04	7/16" - 20	7/16" - 20	52,0	26,0	14	16
A712525-05-05	1/2" - 20	1/2" - 20	52,0	28,0	14	16
A712525-06-06	9/16" - 18	9/16" - 18	54,0	31,0	14	19
A712525-08-08	3/4" - 16	3/4" - 16	63,0	35,5	19	22
A712525-10-10	7/8" - 14	7/8" - 14	73,0	42,0	22	27
A712525-12-12	1.1/16" - 12	1.1/16" - 12	84,0	45,5	27	32
A712525-16-16	1.5/16" - 12	1.5/16" - 12	92,0	51,5	36	38
A712525-20-20	1.5/8" - 12	1.5/8" - 12	104,0	59,0	41	50
A712525-24-24	1.7/8" - 12	1.7/8" - 12	118,0	67,0	50	55

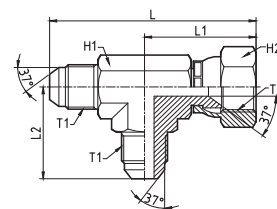
If You wish to order a fitting/ ferrule/ adaptor in stainless, please add at the end of code .SS

ADAPTORS

JIC ADAPTORS

A722525

RUN TEE JIC MALE 74° CONE
JIC FEMALE 74° CONE SEAT (SAE J514)

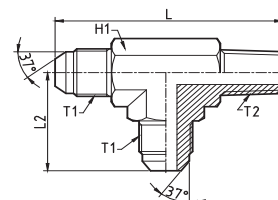


PART. REF.	THREADS		DIMENSIONS mm				
	T ₁ (UNF)	T ₂ (UNF)	L	L ₁	L ₂	H ₁	H ₂
A722525-04-04	7/16" - 20	7/16" - 20	52,0	26,0	26,0	14	16
A722525-05-05	1/2" - 20	1/2" - 20	54,0	28,0	26,0	14	16
A722525-06-06	9/16" - 18	9/16" - 18	58,0	31,0	27,0	14	19
A722525-08-08	3/4" - 16	3/4" - 16	67,0	35,5	31,5	19	22
A722525-10-10	7/8" - 14	7/8" - 14	78,5	42,0	36,5	22	27
A722525-12-12	1.1/16" - 12	1.1/16" - 12	87,5	45,5	42,0	27	32
A722525-16-16	1.5/16" - 12	1.5/16" - 12	97,5	51,5	46,0	36	38
A722525-20-20	1.5/8" - 12	1.5/8" - 12	111,0	59,0	52,0	41	50
A722525-24-24	1.7/8" - 12	1.7/8" - 12	126,0	67,0	59,0	50	55

If You wish to order a fitting/ ferrule/ adaptor in stainless, please add at the end of code .SS

A762507

RUN TEE JIC MALE 74° CONE (SAE J514)
BSP MALE TAPERED (ISO 7)

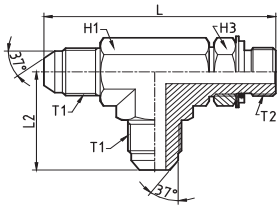


PART. REF.	THREADS		DIMENSIONS mm		
	T ₁ (UNF)	T ₂ (BSPT)	L	L ₂	H ₁
A762507-04-02	7/16" - 20	1/8" - 28	43,5	22,5	12
A762507-05-02	1/2" - 20	1/8" - 28	48,0	25,0	14
A762507-06-04	9/16" - 18	1/4" - 19	54,0	27,0	14
A762507-08-06	3/4" - 16	3/8" - 19	62,5	31,5	19
A762507-10-08	7/8" - 14	1/2" - 14	73,5	36,5	22
A762507-12-12	1.1/16" - 12	3/4" - 14	82,5	42,0	27
A762507-16-16	1.5/16" - 12	1" - 11	92,0	46,0	36
A762507-20-20	1.5/8" - 12	1.1/4" - 11	106,0	52,0	41
A762507-24-24	1.7/8" - 12	1.1/2" - 11	119,0	59,0	50

If You wish to order a fitting/ ferrule/ adaptor in stainless, please add at the end of code .SS

ADAPTORS

JIC ADAPTORS



A762509

RUN TEE ADJUSTABLE JIC MALE 74° CONE (SAE J514)
BSP MALE O-RING BOSS TYPE (ISO 1179-3)

PART. REF.	THREADS		DIMENSIONS mm			
	T ₁ (UNF)	T ₂ (BSPP)	L	L ₂	H ₁	H ₃
A762509-04-04	7/16" - 20	1/4" - 19	56,5	25,0	14	19
A762509-04-06	7/16" - 20	3/8" - 19	65,0	28,5	19	22
A762509-05-04	1/2" - 20	1/4" - 19	56,5	25,0	14	19
A762509-05-06	1/2" - 20	3/8" - 19	65,0	28,5	19	22
A762509-06-04	9/16" - 18	1/4" - 19	58,5	27,0	14	19
A762509-06-06	9/16" - 18	3/8" - 19	65,5	29,0	19	22
A762509-06-08	9/16" - 18	1/2" - 14	74,0	31,0	22	27
A762509-08-06	3/4" - 16	3/8" - 19	68,0	31,5	19	22
A762509-08-08	3/4" - 16	1/2" - 14	77,0	34,0	22	27
A762509-10-06	7/8" - 14	3/8" - 19	76,0	36,5	22	22
A762509-10-08	7/8" - 14	1/2" - 14	79,5	36,5	22	27
A762509-10-12	7/8" - 14	3/4" - 14	88,5	39,5	27	32
A762509-12-12	1.1/16" - 12	3/4" - 14	91,0	42,0	27	32
A762509-12-16	1.1/16" - 12	1" - 11	98,0	46,0	36	41
A762509-16-12	1.5/16" - 12	3/4" - 14	98,0	46,0	36	32
A762509-16-16	1.5/16" - 12	1" - 11	98,0	46,0	36	41

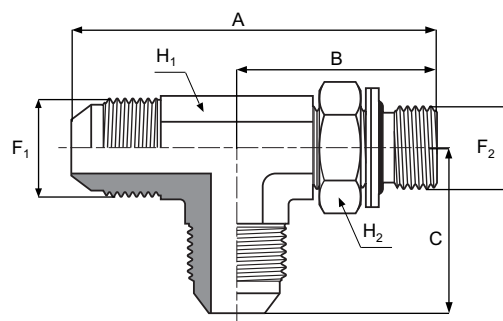
If You wish to order a fitting/ ferrule/ adaptor in stainless, please add at the end of code .S5

ADAPTORS

JIC ADAPTORS

A762519

RUN TEE JIC MALE (SAE J514)
METRIC ADJUSTABLE MALE (ISO 6149-2)

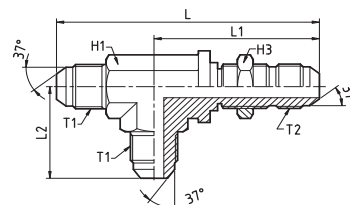


PART. REF.	THREADS		DIMENSIONS mm				
	F ₁ (UNF)	F ₂ (METR)	A	B	C	H ₁	H ₂
A762519-05-12	1/2" - 20	M12x1,5	58,5	31,5	27,0	14	19
A762519-06-16	9/16" - 18	M16x1,5	65,0	36,5	28,5	14	19
A762519-10-18	7/8" - 14	M18x1,5	76,0	41,5	36,5	22	27
A762519-10-22	7/8" - 14	M22x1,5	79,5	43,0	36,5	22	27
A762519-12-27	1.1/16" - 12	M27x2,0	91,0	51,5	42,0	27	32
A762519-16-27	1.5/16" - 12	M27x2,0	98,0	55,0	46,0	36	41
A762519-16-33	1.5/16" - 12	M33x2,0	98,0	55,0	46,0	36	41
A762519-20-42	1.5/8" - 12	M42x2,0	109,0	60,0	52,0	39	43
A762519-24-48	1.7/8" - 12	M48x2,0	120,0	67,0	59,0	43	52

If You wish to order a fitting/ ferrule/ adaptor in stainless, please add at the end of code .SS

A762523

RUN TEE BULKHEAD JIC MALE 74° CONE (SAE J514)

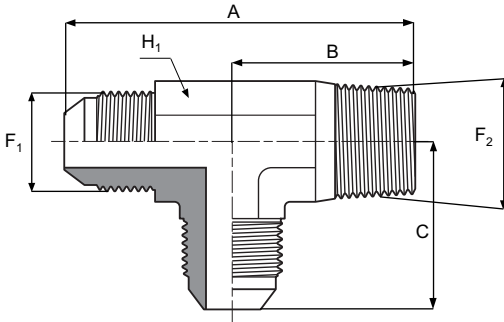


PART. REF.	THREADS		DIMENSIONS mm				
	T ₁ (UNF)	T ₂ (UNF)	L	L ₁	L ₂	H ₁	H ₃
A762523-04-04	7/16" - 20	7/16" - 20	65,0	40,5	24,5	14	16
A762523-05-05	1/2" - 20	1/2" - 20	67,0	41,0	26,0	14	16
A762523-06-06	9/16" - 18	9/16" - 18	73,6	46,0	27,5	14	19
A762523-08-08	3/4" - 16	3/4" - 16	88,0	53,5	34,5	19	24
A762523-10-10	7/8" - 14	7/8" - 14	100,0	60,5	39,5	22	27
A762523-12-12	1.1/16" - 12	1.1/16" - 12	113,0	68,0	45,0	27	32
A762523-16-16	1.5/16" - 12	1.5/16" - 12	120,0	71,0	49,0	35	38
A762523-20-20	1.5/8" - 12	1.5/8" - 12	134,0	79,0	55,0	41	50
A762523-24-24	1.7/8" - 12	1.7/8" - 12	146,0	87,0	59,0	50	55

If You wish to order a fitting/ ferrule/ adaptor in stainless, please add at the end of code .SS

ADAPTORS

JIC ADAPTORS

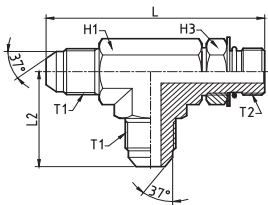


A762528

RUN TEE JIC MALE (SAE J514)
NPTF MALE (SAE J476A)

PART. REF.	THREADS		DIMENSIONS mm				
	F ₁ (UNF)	F ₂ (NPTF)	A	B	C	H ₁	
A762528-04-02	7/16" - 20	1/8" - 27	42,0	19,5	22,5	14	
A762528-04-04	7/16" - 20	1/4" - 18	54,5	27,5	27,0	14	
A762528-05-02	1/2" - 20	1/8" - 27	43,5	19,5	24,0	17	
A762528-05-04	1/2" - 20	1/4" - 18	54,5	27,5	27,0	19	
A752528-06-04	9/16" - 18	1/4" - 18	54,5	27,5	27,0	19	
A752528-08-06	3/4" - 16	3/8" - 18	62,5	31,0	31,5	22	
A752528-08-08	3/4" - 16	1/2" - 14	71,0	37,0	34,0	27	
A752528-10-08	7/8" - 14	1/2" - 14	73,5	37,0	36,5	27	
A752528-12-12	1.1/16" - 12	3/4" - 14	82,5	40,5	42,0	36	
A752528-16-16	1.5/16" - 12	1" - 11 ^{1/2}	96,0	50,0	46,0	41	
A752528-20-20	1.5/8" - 12	1.1/4" - 11 ^{1/2}	112,0	60,0	52,0	50	

If You wish to order a fitting/ ferrule/ adaptor in stainless, please add at the end of code .SS



A762531

RUN TEE ADJUSTABLE JIC MALE 74° CONE (SAE J514)
SAE MALE O-RING BOSS TYPE (SAE J1926)

PART. REF.	THREADS		DIMENSIONS mm			
	T ₁ (UNF)	T ₂ (UNF)	L	L ₂	H ₁	H ₃
A762531-04-04	7/16" - 20	7/16" - 20	51,5	25,0	14	16
A762531-05-05	1/2" - 20	1/2" - 20	52,5	25,0	14	16
A762531-06-06	9/16" - 18	9/16" - 18	58,5	27,0	14	19
A762531-08-08	3/4" - 16	3/4" - 16	68,0	31,5	19	24
A762531-10-10	7/8" - 14	7/8" - 14	79,5	36,5	22	27
A762531-10-12	7/8" - 14	1.1/16" - 12	88,5	39,5	27	32
A762531-12-12	1.1/16" - 12	1.1/16" - 12	91,0	42,0	27	32
A762531-16-16	1.5/16" - 12	1.5/16" - 12	98,0	46,0	36	38

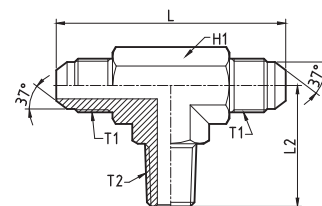
If You wish to order a fitting/ ferrule/ adaptor in stainless, please add at the end of code .SS

ADAPTORS

JIC ADAPTORS

A782507

BRANCH TEE JIC MALE 74° CONE (SAE J514)
BSP MALE TAPERED (ISO 7)

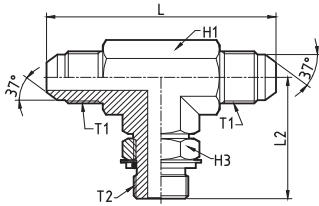


PART. REF.	THREADS		DIMENSIONS mm		
	T ₁ (UNF)	T ₂ (BSPT)	L	L ₂	H ₁
A782507-04-02	7/16" - 20	1/8" - 28	45,0	21,0	12
A782507-05-02	1/2" - 20	1/8" - 28	50,0	23,0	14
A782507-06-04	9/16" - 18	1/4" - 19	54,0	27,0	14
A782507-08-06	3/4" - 16	3/8" - 19	63,0	31,0	19
A782507-10-08	7/8" - 14	1/2" - 14	73,0	37,0	22
A782507-12-12	1.1/16" - 12	3/4" - 14	84,0	40,5	27
A782507-16-16	1.5/16" - 12	1" - 11	92,0	46,0	36
A782507-20-20	1.5/8" - 12	1.1/4" - 11	104,0	54,0	41
A782507-24-24	1.7/8" - 12	1.1/2" - 11	118,0	60,0	50

If You wish to order a fitting/ ferrule/ adaptor in stainless, please add at the end of code .SS

ADAPTORS

JIC ADAPTORS



A782509

BRANCH TEE ADJUSTABLE JIC MALE 74° CONE (SAE J514)
BSP MALE O-RING BOSS TYPE (ISO 1179-3)

PART. REF.	THREADS		DIMENSIONS mm			
	T ₁ (UNF)	T ₂ (BSPP)	L	L ₂	H ₁	H ₃
A782509-04-04	7/16" - 20	1/4" - 19	50,0	31,5	14	19
A782509-04-06	7/16" - 20	3/8" - 19	57,0	36,5	19	22
A782509-05-04	1/2" - 20	1/4" - 19	50,0	31,5	14	19
A782509-05-06	1/2" - 20	3/8" - 19	57,0	36,5	19	22
A782509-06-04	9/16" - 18	1/4" - 19	54,0	31,5	14	19
A782509-06-06	9/16" - 18	3/8" - 19	58,0	36,5	19	22
A782509-06-08	9/16" - 18	1/2" - 14	62,0	43,0	22	27
A782509-08-06	3/4" - 16	3/8" - 19	63,0	36,5	19	22
A782509-08-08	3/4" - 16	1/2" - 14	68,0	43,0	22	27
A782509-10-06	7/8" - 14	3/8" - 19	73,0	39,5	22	22
A782509-10-08	7/8" - 14	1/2" - 14	73,0	43,0	22	27
A782509-10-12	7/8" - 14	3/4" - 14	79,0	49,0	27	32
A782509-12-12	1.1/16" - 12	3/4" - 14	84,0	49,0	27	32
A782509-12-16	1.1/16" - 12	1" - 11	92,0	52,0	36	41
A782509-16-12	1.5/16" - 12	3/4" - 14	92,0	52,0	36	32
A782509-16-16	1.5/16" - 12	1" - 11	92,0	52,0	36	41

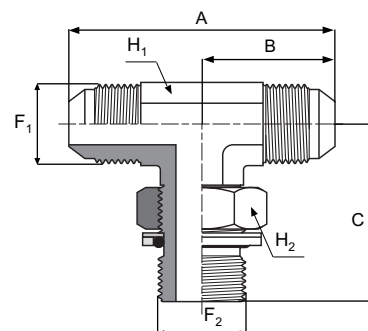
If You wish to order a fitting/ ferrule/ adaptor in stainless, please add at the end of code .SS

ADAPTORS

JIC ADAPTORS

A782519

BRANCH TEE JIC MALE (SAE J514)
METRIC ADJUSTABLE MALE (ISO 6149-2)

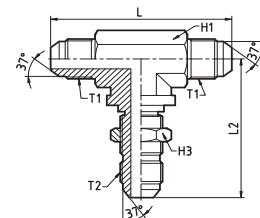


PART. REF.	THREADS		DIMENSIONS mm				
	F ₁ (UNF)	F ₂ (METR)	A	B	C	H ₁	H ₂
A782519-04-12	7/16" - 20	M12x1,5	54,0	27,0	31,5	14	16
A782519-05-12	1/2" - 20	M12x1,5	54,0	27,0	31,5	14	16
A782519-06-16	9/16" - 18	M16x1,5	57,0	28,5	36,5	14	19
A782519-08-18	3/4" - 16	M18x1,5	63,0	31,5	39,5	19	24
A782519-10-18	7/8" - 14	M18x1,5	73,0	36,5	41,5	22	27
A782519-10-22	7/8" - 14	M22x1,5	73,0	36,5	43,0	27	32
A782519-16-27	1.5/16" - 12	M27x2,0	92,0	46,0	55,0	36	38

If You wish to order a fitting/ ferrule/ adaptor in stainless, please add at the end of code .SS

A782523

BRANCH TEE BULKHEAD JIC MALE 74° CONE (SAE J514)

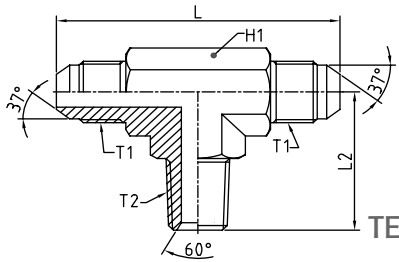


PART. REF.	THREADS		DIMENSIONS mm			
	T ₁ (UNF)	T ₂ (UNF)	L ₁	L ₂	H ₁	H ₃
A782523-04-04	7/16" - 20	7/16" - 20	49,0	40,5	14	16
A782523-05-05	1/2" - 20	1/2" - 20	52,0	41,0	14	16
A782523-06-06	9/16" - 18	9/16" - 18	55,0	46,0	14	19
A782523-08-08	3/4" - 16	3/4" - 16	69,0	53,5	19	24
A782523-10-10	7/8" - 14	7/8" - 14	79,0	60,5	22	27
A782523-12-12	1.1/16" - 12	1.1/16" - 12	90,0	68,0	27	32
A782523-16-16	1.5/16" - 12	1.5/16" - 12	98,0	71,0	35	38
A782523-20-20	1.5/8" - 12	1.5/8" - 12	110,0	79,0	41	50
A782523-24-24	1.7/8" - 12	1.7/8" - 12	118,0	87,0	50	55

If You wish to order a fitting/ ferrule/ adaptor in stainless, please add at the end of code .SS

ADAPTORS

JIC ADAPTORS

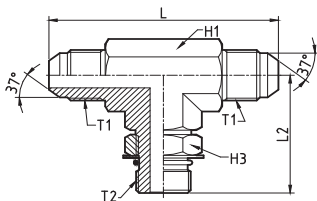


A782528

BRANCH TEE JIC MALE 74° CONE (SAE J514)
NPTF MALE 60° CONE SEAT (SAE J514)

PART. REF.	THREADS		DIMENSIONS mm				
	T1 (UNF)	T2 (NPTF)	L	L2	H1		
A782528-04-04	7/16"-20	1/4"-18	53,3	27,7	14		
A782528-05-04	1/2"-20	1/4"-18	53,3	27,7	14		
A782528-06-04	9/16"-18	1/4"-18	53,9	27,7	14		
A782528-06-06	9/16"-18	3/8"-18	57,9	31,0	19		
A782528-08-08	3/4"-16	1/2"-14	67,6	37,3	22		
A782528-10-08	7/8"-14	1/2"-14	73,7	37,3	22		
A782528-12-12	1.1/16"-12	3/4"-14	84,3	40,4	27		
A782528-16-16	1.5/16"-12	1"-11,5	92,0	50,0	33		
A782528-20-20	1.5/8"-12	1.1/4"-11,5	104,7	60,5	41		

If You wish to order a fitting/ ferrule/ adaptor in stainless, please add at the end of code .SS



A782531

BRANCH TEE ADJUSTABLE JIC MALE 74° CONE (SAE J514)
SAE MALE O-RING BOSS TYPE (SAE J1926)

PART. REF.	THREADS		DIMENSIONS mm			
	T1 (UNF)	T2 (UNF)	L	L2	H1	H3
A782531-04-04	7/16" - 18	7/16" - 18	50,0	26,5	14	16
A782531-05-05	1/2" - 20	1/2" - 20	50,0	27,5	14	16
A782531-06-06	9/16" - 18	9/16" - 18	54,0	31,5	14	19
A782531-08-08	3/4" - 16	3/4" - 16	63,0	36,5	19	24
A782531-10-10	7/8" - 14	7/8" - 14	73,0	43,0	22	27
A782531-12-12	1.1/16" - 12	1.1/16" - 12	84,0	49,0	27	32
A782531-16-16	1.5/16" - 12	1.5/16" - 12	92,0	52,0	36	38

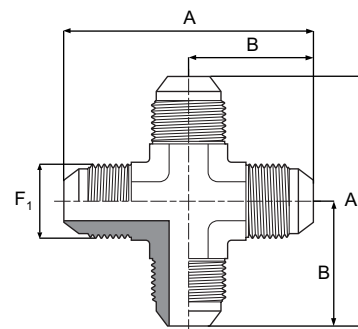
If You wish to order a fitting/ ferrule/ adaptor in stainless, please add at the end of code .SS

ADAPTORS

JIC ADAPTORS

A902525

EQUAL CROSS JIC MALE (SAE J514)

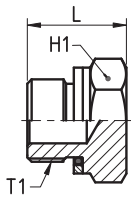


PART. REF.	THREADS	DIMENSIONS mm	
	F1 (UNF)	A	B
A902525-04-04	7/16" - 20	22,5	14
A902525-05-05	1/2" - 20	24,0	14
A902525-06-06	9/16" - 18	27,0	14
A902525-08-08	3/4" - 16	31,5	19
A902525-10-10	7/8" - 14	36,5	22
A902525-12-12	1.1/16" - 12	42,0	27
A902525-16-16	1.5/16" - 12	46,0	36
A902525-20-20	1.5/8" - 12	52,0	41
A902525-24-24	1.7/8" - 12	59,0	50

If You wish to order a fitting/ ferrule/ adaptor in stainless, please add at the end of code .SS

ADAPTORS

BSP ADAPTORS

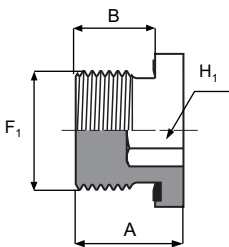


A400300

MALE PLUG BSP OR BOSS (ISO 1179-3)

PART. REF.	THREADS	DIMENSIONS mm	
	T ₁ (BSP)	L	H ₁
A400300-04	1/4" - 19	21,0	19
A400300-06	3/8" - 19	22,0	22
A400300-08	1/2" - 14	27,0	27
A400300-12	3/4" - 14	32,0	36
A400300-16	1" - 11	36,0	41
A400300-20	1.1/4" - 11	41,0	50
A400300-24	1.1/2" - 11	42,0	55

If You wish to order a fitting/ ferrule/ adaptor in stainless, please add at the end of code .SS



A400100E

BSP MALE PLUG WITH SHAPED SEAL AND HEXAGONAL SOCKET HEAD

PART. REF.	THREADS	DIMENSIONS mm		
	F ₁ (BSP)	A	B	H ₁
A400100E-02	1/8" - 28	12,0	8,0	5
A400100E-04	1/4" - 19	17,0	12,0	6
A400100E-06	3/8" - 19	17,0	12,0	8
A400100E-08	1/2" - 14	19,0	14,0	10
A400100E-12	3/4" - 14	21,0	16,0	14
A400100E-16	1" - 11	22,5	16,0	17
A400100E-20	1.1/4" - 11	22,5	16,0	22
A400100E-24	1.1/2" - 11	22,5	16,0	22

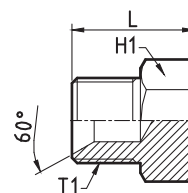
If You wish to order a fitting/ ferrule/ adaptor in stainless, please add at the end of code .SS

ADAPTORS

BSP ADAPTORS

A400500

MALE PLUG BSP PARALLEL 60° CONE SEAT (ISO 228)

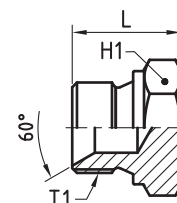


PART. REF.	THREADS	DIMENSIONS mm	
	T ₁ (BSPP)	L	H ₁
A400500-02	1/8" - 28	16,0	12
A400500-04	1/4" - 19	19,0	14
A400500-06	3/8" - 19	23,0	19
A400500-08	1/2" - 14	27,0	22
A400500-12	3/4" - 14	30,0	27
A400500-16	1" - 11	34,0	35
A400500-20	1.1/4" - 11	40,0	43
A400500-24	1.1/2" - 11	43,0	50

If You wish to order a fitting/ ferrule/ adaptor in stainless, please add at the end of code .SS

A400500D

MALE PLUG BSP PARALLEL 60° CONE SEAT DIN PROFILE (ISO 228)

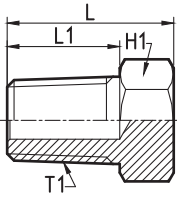


PART. REF.	THREADS	DIMENSIONS mm	
	T ₁ (BSPP)	L	H ₁
A400500-04D	1/4" - 19	19,0	19
A400500-06D	3/8" - 19	20,0	22
A400500-08D	1/2" - 14	25,0	27
A400500-10D	5/8" - 14	26,0	30
A400500-12D	3/4" - 14	27,0	32
A400500-16D	1" - 11	31,5	41
A400500-20D	1.1/4" - 11	34,0	50
A400500-24D	1.1/2" - 11	37,0	55

If You wish to order a fitting/ ferrule/ adaptor in stainless, please add at the end of code .SS

ADAPTORS

BSP ADAPTORS

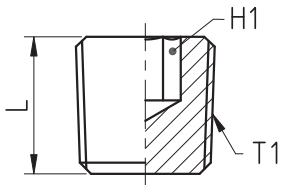


A400700

MALE PLUG BSP TAPERED (ISO 7)

PART. REF.	THREADS	DIMENSIONS mm		
	T ₁ (BSPT)	L	L ₁	H ₁
A400700-02	1/8" - 28	17,5	11,5	12
A400700-04	1/4" - 19	20,5	14,0	14
A400700-06	3/8" - 19	24,0	16,0	19
A400700-08	1/2" - 14	26,5	18,5	22
A400700-12	3/4" - 14	32,0	20,0	27
A400700-16	1" - 11	36,0	24,0	35
A400700-20	1.1/4" - 11	41,5	25,5	43
A400700-24	1.1/2" - 11	43,0	29,0	50

If You wish to order a fitting/ ferrule/ adaptor in stainless, please add at the end of code .SS



A400700E

BSPT MALE PLUG "HEXAGONAL SOCKET HEAD" (ISO 7)

PART. REF.	THREADS	DIMENSIONS mm	
	T ₁ (BSPT)	L	H ₁
A400700E-02	1/8" - 28	8,0	5
A400700E-04	1/4" - 19	10,0	7
A400700E-06	3/8" - 19	10,0	8
A400700E-08	1/2" - 14	10,0	10
A400700E-12	3/4" - 14	12,0	12
A400700E-16	1" - 11	12,0	17
A400700E-20	1.1/4" - 11	18,0	22
A400700E-24	1.1/2" - 11	20,0	24

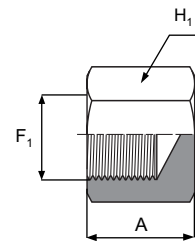
If You wish to order a fitting/ ferrule/ adaptor in stainless, please add at the end of code .SS

ADAPTORS

BSP ADAPTORS

A410400

BSP FIXED FEMALE PLUG

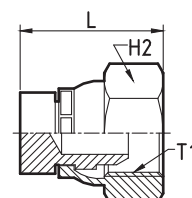


PART. REF.	THREADS	DIMENSIONS mm	
	F ₁ (BSP)	A	H ₁
A410400-06	3/8" - 19	19,0	19
A410400-08	1/2" - 14	24,0	22
A410400-12	3/4" - 14	25,0	27
A410400-16	1" - 11	29,0	35

If You wish to order a fitting/ ferrule/ adaptor in stainless, please add at the end of code .SS

A410500

FEMALE PLUG BSP PARALLEL 60° CONE SEAT (ISO 228)

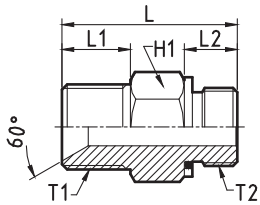


PART. REF.	THREADS	DIMENSIONS mm	
	T ₁ (BSPP)	L	H ₂
A410500-02	1/8" - 28	21,0	14
A410500-04	1/4" - 19	23,0	19
A410500-06	3/8" - 19	27,0	22
A410500-08	1/2" - 14	30,0	27
A410500-10	5/8" - 14	26,0	30
A410500-12	3/4" - 14	35,0	32
A410500-16	1" - 11	39,0	41
A410500-20	1.1/4" - 11	43,0	50
A410500-24	1.1/2" - 11	48,0	55

If You wish to order a fitting/ ferrule/ adaptor in stainless, please add at the end of code .SS

ADAPTORS

BSP ADAPTORS



A500503

STRAIGHT ADAPTOR BSP MALE PARALLEL 60° CONE SEAT
(ISO 228) BSP MALE O-RING BOSS TYPE (ISO 1179-3)

PART. REF.	THREADS		DIMENSIONS mm			
	T ₁ (BSPP)	T ₂ (BSPP)	L	L ₁	L ₂	H ₁
A500503-04-04	1/4" - 19	1/4" - 19	33,0	13,0	12,0	19
A500503-04-06	1/4" - 19	3/8" - 19	34,0	13,0	12,0	22
A500503-06-04	3/8" - 19	1/4" - 19	36,0	15,0	12,0	19
A500503-06-06	3/8" - 19	3/8" - 19	36,0	15,0	12,0	22
A500503-06-08	3/8" - 19	1/2" - 14	39,0	15,0	14,0	27
A500503-08-06	1/2" - 14	3/8" - 19	39,0	18,0	12,0	22
A500503-08-08	1/2" - 14	1/2" - 14	42,0	18,0	14,0	27
A500503-08-12	1/2" - 14	3/4" - 14	46,0	18,0	16,0	32
A500503-12-08	3/4" - 14	1/2" - 14	44,0	20,0	14,0	27
A500503-12-12	3/4" - 14	3/4" - 14	48,0	20,0	16,0	32
A500503-12-16	3/4" - 14	1" - 11	50,0	20,0	18,0	41
A500503-16-12	1" - 11	3/4" - 14	50,0	22,0	16,0	35
A500503-16-16	1" - 11	1" - 11	52,0	22,0	18,0	41
A500503-16-20	1" - 11	1.1/4" - 11	56,0	22,0	20,0	50
A500503-20-16	1.1/4" - 11	1" - 11	57,0	26,0	18,0	43
A500503-20-20	1.1/4" - 11	1.1/4" - 11	60,0	26,0	20,0	50
A500503-24-20	1.1/2" - 11	1.1/4" - 11	60,0	27,0	20,0	50
A500503-24-24	1.1/2" - 11	1.1/2" - 11	63,0	27,0	22,0	55

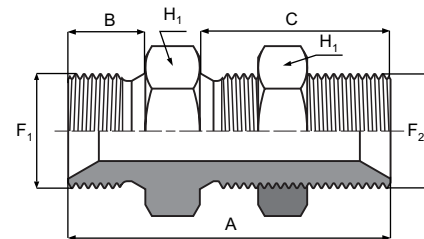
If You wish to order a fitting/ ferrule/ adaptor in stainless, please add at the end of code .S5

ADAPTORS

BSP ADAPTORS

A500504

BSP MALE 60° CONE SEAT
BSP BULKHEAD MALE (ISO 228)



PART. REF.	THREADS		DIMENSIONS mm				
	F ₁ (BSP)	F ₂ (BSP)	A	B	C	H ₁	H ₂
A500504-02-02	1/8" - 28	1/8" - 28	49,0	10,0	33,0	14	14
A500504-04-04	1/4" - 19	1/4" - 19	53,0	12,0	35,0	14	19
A500504-06-06	3/8" - 19	3/8" - 19	56,0	13,0	35,0	19	22
A500504-08-08	1/2" - 14	1/2" - 14	65,0	16,0	39,0	22	27
A500504-10-10	5/8" - 14	5/8" - 14	67,5	17,0	40,0	27	30
A500504-12-12	3/4" - 14	3/4" - 14	71,0	18,0	41,0	27	32
A500504-16-16	1" - 11	1" - 11	84,0	20,0	50,0	35	41
A500504-20-20	1.1/4" - 11	1.1/4" - 11	90,0	20,5	52,0	44	50
A500504-24-24	1.1/2" - 11	1.1/2" - 11	93,0	23,0	54,0	50	55

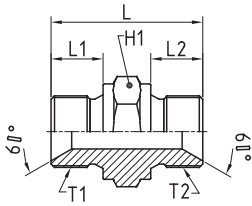
If You wish to order a fitting/ ferrule/ adaptor in stainless, please add at the end of code .SS

ADAPTORS

BSP ADAPTORS

A500505

STRAIGHT ADAPTOR BSP MALE PARALLEL 60° CONE SEAT (ISO 228)



PART. REF.	THREADS		DIMENSIONS mm			
	T ₁ (BSPP)	T ₂ (BSPP)	L	L ₁	L ₂	H ₁
A500505-02-02	1/8" - 28	1/8" - 28	25,0	8,7	8,7	14
A500505-02-04	1/8" - 28	1/4" - 19	29,0	8,7	11,0	19
A500505-04-04	1/4" - 19	1/4" - 19	32,0	11,0	11,0	19
A500505-04-06	1/4" - 19	3/8" - 19	33,0	11,0	12,0	22
A500505-04-08	1/4" - 19	1/2" - 14	36,5	11,0	14,0	27
A500505-04-12	1/4" - 19	3/4" - 14	39,0	11,0	16,0	32
A500505-06-06	3/8" - 19	3/8" - 19	34,0	12,0	12,0	22
A500505-06-08	3/8" - 19	1/2" - 14	37,0	12,0	14,0	27
A500505-06-10	3/8" - 19	5/8" - 14	39,0	12,0	16,0	30
A500505-06-12	3/8" - 19	3/4" - 14	41,0	12,0	16,0	32
A500505-08-08	1/2" - 14	1/2" - 14	39,5	14,0	14,0	27
A500505-08-10	1/2" - 14	5/8" - 14	41,5	14,0	16,0	30
A500505-08-12	1/2" - 14	3/4" - 14	43,5	14,0	16,0	32
A500505-08-16	1/2" - 14	1" - 11	47,5	14,0	19,0	41
A500505-10-06	5/8" - 14	3/8" - 19	40,5	12	16	30
A500505-10-10	5/8" - 14	5/8" - 14	43,5	16,0	16,0	30
A500505-10-12	5/8" - 14	3/4" - 14	44,5	16,0	16,0	32
A500505-12-12	3/4" - 14	3/4" - 14	44,5	16,0	16,0	32
A500505-12-16	3/4" - 14	1" - 11	48,5	16,0	19,0	41
A500505-12-20	3/4" - 14	1.1/4" - 11	52,5	16,0	20,0	50
A500505-16-16	1" - 11	1" - 11	51,5	19,0	19,0	41
A500505-16-20	1" - 11	1.1/4" - 11	55,5	19,0	20,0	50
A500505-16-24	1" - 11	1.1/2" - 11	58,5	19,0	22,0	55
A500505-20-20	1.1/4" - 11	1.1/4" - 11	56,5	20,0	20,0	50
A500505-20-24	1.1/4" - 11	1.1/2" - 11	59,5	20,0	22,0	55
A500505-24-24	1.1/2" - 11	1.1/2" - 11	61,5	22,0	22,0	55
A500505-24-32	1.1/2" - 11	2" - 11	67,5	22,0	25,0	70
A500505-32-32	2" - 11	2" - 11	71,0	25,0	25,0	70

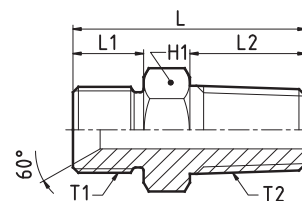
If You wish to order a fitting/ ferrule/ adaptor in stainless, please add at the end of code .SS

ADAPTORS

BSP ADAPTORS

A500507

STRAIGHT ADAPTOR BSP MALE PARALLEL 60° CONE SEAT
(ISO 228) - BSP MALE TAPERED (ISO 7)

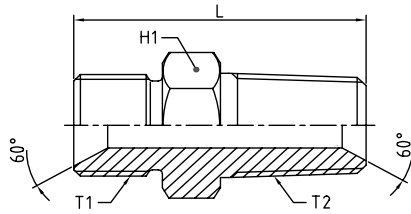


PART. REF.	THREADS		DIMENSIONS mm			
	T ₁ (BSPP)	T ₂ (BSPT)	L	L ₁	L ₂	H ₁
A500507-02-02	1/8" - 28	1/8" - 28	23,0	8,0	10,0	12
A500507-02-04	1/8" - 28	1/4" - 19	28,0	8,0	14,0	14
A500507-04-02	1/4" - 19	1/8" - 28	28,0	12,0	10,0	14
A500507-04-04	1/4" - 19	1/4" - 19	32,0	12,0	14,0	14
A500507-04-06	1/4" - 19	3/8" - 19	33,0	12,0	15,0	19
A500507-04-08	1/4" - 19	1/2" - 14	37,0	12,0	17,0	22
A500507-06-04	3/8" - 19	1/4" - 19	33,0	13,0	14,0	19
A500507-06-06	3/8" - 19	3/8" - 19	34,0	13,0	15,0	19
A500507-06-08	3/8" - 19	1/2" - 14	38,0	13,0	17,0	22
A500507-08-04	1/2" - 14	1/4" - 19	37,0	15,0	14,0	22
A500507-08-06	1/2" - 14	3/8" - 19	38,0	15,0	15,0	22
A500507-08-08	1/2" - 14	1/2" - 14	40,0	15,0	17,0	22
A500507-08-10	1/2" - 14	5/8" - 14	44,0	15,0	20,0	27
A500507-08-12	1/2" - 14	3/4" - 14	44,0	15,0	20,0	27
A500507-10-08	5/8" - 14	1/2" - 14	42,0	16,0	17,0	27
A500507-12-08	3/4" - 14	1/2" - 14	43,0	17,0	17,0	27
A500507-12-12	3/4" - 14	3/4" - 14	46,0	17,0	20,0	27
A500507-12-16	3/4" - 14	1" - 11	50,0	17,0	23,0	35
A500507-16-12	1" - 11	3/4" - 14	50,0	20,0	20,0	35
A500507-16-16	1" - 11	1" - 11	53,0	20,0	23,0	35
A500507-16-20	1" - 11	1.1/4" - 11	58,0	20,0	26,0	44
A500507-20-16	1.1/4" - 11	1" - 11	56,0	21,0	23,0	44
A500507-20-20	1.1/4" - 11	1.1/4" - 11	59,0	21,0	26,0	44
A500507-20-24	1.1/4" - 11	1.1/2" - 11	62,0	21,0	27,0	50
A500507-24-20	1.1/2" - 11	1.1/4" - 11	62,0	22,0	26,0	50
A500507-24-24	1.1/2" - 11	1.1/2" - 11	63,0	22,0	27,0	50
A500507-32-32	2" - 11	2" - 11	72,0	25,0	30,0	65

If You wish to order a fitting/ ferrule/ adaptor in stainless, please add at the end of code .SS

ADAPTORS

BSP ADAPTORS



A500528

STRAIGHT ADAPTOR BSP MALE PARALLEL 60° CONE SEAT
(ISO 228) NPTF MALE 60° CONE SEAT (SAE J514)

PART. REF.	THREADS		DIMENSIONS mm				
	T1 (BSPP)	T2 (NPTF)	L	H1			
A500528-04-04	1/4"-19	1/4"-18	31,5	16			
A500528-04-06	1/4"-19	3/8"-18	31,5	19			
A500528-06-06	3/8"-19	3/8"-18	32,5	19			
A500528-08-08	1/2"-14	1/2"-14	40,0	22			
A500528-12-12	3/4"-14	3/4"-14	44,0	27			
A500528-16-16	1"-11	1"-11,5	53,0	35			
A500528-20-20	1.1/4"-11	1.1/4"-11,5	57,0	44			
A500528-24-24	1.1/2"-11	1.1/2"-11,5	63,0	50			

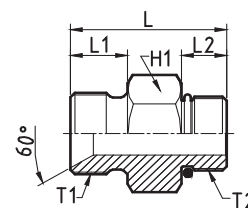
If You wish to order a fitting/ ferrule/ adaptor in stainless, please add at the end of code .SS

ADAPTORS

BSP ADAPTORS

A500530

STRAIGHT ADAPTOR BSP MALE 60° CONE SEAT (ISO 228)
SAE MALE O-RING BOSS TYPE (SAE J1926)



PART. REF.	THREADS		DIMENSIONS mm			
	T ₁ (BSPP)	T ₂ (UNF)	L	L ₁	L ₂	H ₁
A500530-04-04	1/4" - 19	7/16" - 20	27,5	11,0	9,0	14
A500530-04-06	1/4" - 19	9/16" - 18	29,0	11,0	10,0	17
A500530-04-08	1/4" - 19	3/4" - 16	33,5	11,0	11,0	22
A500530-04-10	1/4" - 19	7/8" - 14	38,5	11,0	13,0	27
A500530-06-06	3/8" - 19	9/16" - 18	31,5	12,0	10,0	17
A500530-06-08	3/8" - 19	3/4" - 16	33,5	12,0	11,0	22
A500530-06-10	3/8" - 19	7/8" - 14	35,5	12,0	13,0	27
A500530-08-06	1/2" - 14	9/16" - 18	35,0	12,0	10,0	22
A500530-08-08	1/2" - 14	3/4" - 16	36,0	14,0	11,0	22
A500530-08-10	1/2" - 14	7/8" - 14	39,0	14,0	13,0	27
A500530-10-06	5/8" - 14	9/16" - 18	37,0	16,0	10,0	27
A500530-10-08	5/8" - 14	3/4" - 16	37,0	16,0	11,0	27
A500530-10-10	5/8" - 14	7/8" - 14	40,5	16,0	13,0	27
A500530-10-12	5/8" - 14	1.1/16" - 12	44,5	16,0	15,0	32
A500530-12-08	3/4" - 14	3/4" - 16	42,0	16,0	11,0	32
A500530-12-12	3/4" - 14	1.1/16" - 12	46,0	16,0	15,0	32
A500530-12-16	3/4" - 14	1.5/16" - 12	46,0	16,0	17,0	41
A500530-16-12	1" - 11	1.1/16" - 12	48,0	19,0	15,0	41
A500530-16-16	1" - 11	1.5/16" - 12	48,0	19,0	15,0	41

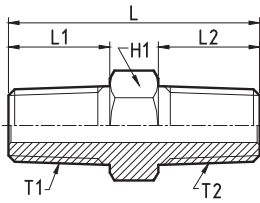
If You wish to order a fitting/ ferrule/ adaptor in stainless, please add at the end of code .S5

ADAPTORS

BSP ADAPTORS

A500707

STRAIGHT ADAPTOR BSP MALE TAPERED (ISO 7)



PART. REF.	THREADS		DIMENSIONS mm			
	T ₁ (BSPT)	T ₂ (BSPT)	L	L ₁	L ₂	H ₁
A500707-02-02	1/8" - 28	1/8" - 28	25,0	10,0	10,0	12
A500707-02-04	1/8" - 28	1/4" - 19	30,0	10,0	14,0	14
A500707-02-06	1/8" - 28	3/8" - 19	31,0	10,0	15,0	19
A500707-04-04	1/4" - 19	1/4" - 19	34,0	14,0	14,0	14
A500707-04-06	1/4" - 19	3/8" - 19	35,0	14,0	15,0	19
A500707-04-08	1/4" - 19	1/2" - 14	39,0	14,0	17,0	22
A500707-06-06	3/8" - 19	3/8" - 19	36,0	15,0	15,0	19
A500707-06-08	3/8" - 19	1/2" - 14	40,0	15,0	17,0	22
A500707-06-12	3/8" - 19	3/4" - 14	44,0	15,0	20,0	27
A500707-08-08	1/2" - 14	1/2" - 14	42,0	17,0	17,0	22
A500707-08-12	1/2" - 14	3/4" - 14	46,0	17,0	20,0	27
A500707-08-16	1/2" - 14	1" - 11	50,0	17,0	23,0	35
A500707-12-12	3/4" - 14	3/4" - 14	49,0	20,0	20,0	27
A500707-12-16	3/4" - 14	1" - 11	53,0	20,0	23,0	35
A500707-16-16	1" - 11	1" - 11	56,0	23,0	23,0	35
A500707-16-20	1" - 11	1.1/4" - 11	61,0	23,0	26,0	44
A500707-20-20	1.1/4" - 11	1.1/4" - 11	64,0	26,0	26,0	44
A500707-20-24	1.1/4" - 11	1.1/2" - 11	67,0	26,0	27,0	50
A500707-24-24	1.1/2" - 11	1.1/2" - 11	68,0	27,0	27,0	50
A500707-24-32	1.1/2" - 11	2" - 11	74,0	27,0	30,0	65
A500707-32-32	2" - 11	2" - 11	77,0	30,0	30,0	65

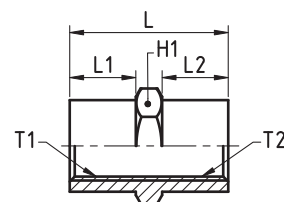
If You wish to order a fitting/ ferrule/ adaptor in stainless, please add at the end of code .SS

ADAPTORS

BSP ADAPTORS

A510404

STRAIGHT ADAPTOR BSP FIXED FEMALE

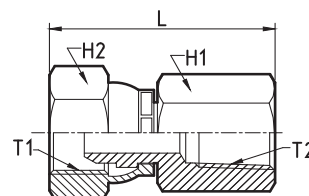


PART. REF.	THREADS		DIMENSIONS mm			
	T ₁ (BSPP)	T ₂ (BSPP)	L	L ₁	L ₂	H ₁
A510404-02-02	1/8" - 28	1/8" - 28	20,0	7,0	7,0	14
A510404-02-04	1/8" - 28	1/4" - 19	25,0	7,0	12,0	19
A510404-04-04	1/4" - 19	1/4" - 19	30,0	12,0	12,0	19
A510404-04-06	1/4" - 19	3/8" - 19	30,0	12,0	12,0	24
A510404-06-06	3/8" - 19	3/8" - 19	30,0	12,0	12,0	24
A510404-06-08	3/8" - 19	1/2" - 14	35,0	12,0	15,0	27
A510404-08-08	1/2" - 14	1/2" - 14	38,0	15,0	15,0	27
A510404-08-12	1/2" - 14	3/4" - 14	40,0	15,0	15,0	35
A510404-12-12	3/4" - 14	3/4" - 14	40,0	15,0	15,0	36
A510404-12-16	3/4" - 14	1" - 11	47,0	15,0	19,0	41
A510404-16-16	1" - 11	1" - 11	51,0	19,0	19,0	41
A510404-16-20	1" - 11	1.1/4" - 11	50,0	19,0	19,0	55
A510404-20-20	1.1/4" - 11	1.1/4" - 11	51,0	19,0	19,0	55
A510404-24-24	1.1/2" - 11	1.1/2" - 11	51,0	19,0	19,0	60

If You wish to order a fitting/ ferrule/ adaptor in stainless, please add at the end of code .SS

A510502

STRAIGHT ADAPTOR BSP FEMALE 60° CONE (ISO 228)
BSP FEMALE TAPERED (ISO 7)

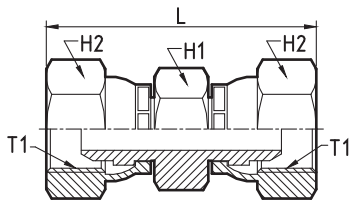


PART. REF.	THREADS		DIMENSIONS mm		
	T ₁ (BSPP)	T ₂ (BSPT)	L	H ₁	H ₂
A510502-04-04	1/4" - 19	1/4" - 19	34,0	19	19
A510502-06-06	3/8" - 19	3/8" - 19	40,0	22	22
A510502-08-08	1/2" - 14	1/2" - 14	47,0	27	27
A510502-12-12	3/4" - 14	3/4" - 14	53,0	35	32
A510502-16-16	1" - 11	1" - 11	61,0	41	41
A510502-20-20	1.1/4" - 11	1.1/4" - 11	67,0	50	50
A510502-24-24	1.1/2" - 11	1.1/2" - 11	73,0	55	55

If You wish to order a fitting/ ferrule/ adaptor in stainless, please add at the end of code .SS

ADAPTORS

BSP ADAPTORS

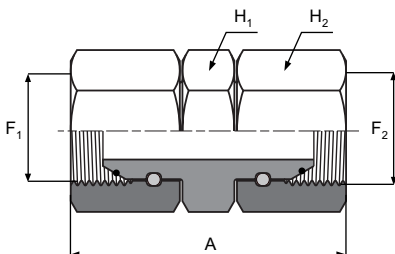


A510505

STRAIGHT ADAPTOR BSP FEMALE 60° CONE (ISO 228)

PART. REF.	THREADS	DIMENSIONS mm		
	T ₁ (BSPP)	L	H ₁	H ₂
A510505-04-04	1/4" - 19	39,0	14	19
A510505-06-06	3/8" - 19	45,0	19	22
A510505-08-08	1/2" - 14	52,0	22	27
A510505-12-12	3/4" - 14	63,0	27	32
A510505-16-16	1" - 11	74,0	35	41
A510505-20-20	1.1/4" - 11	77,0	44	50
A510505-24-24	1.1/2" - 11	87,0	50	55

If You wish to order a fitting/ ferrule/ adaptor in stainless, please add at the end of code .SS



A510808

BSP FEMALE 60° CONE WITH O'RING (ISO 228)

PART. REF.	THREADS		DIMENSIONS mm		
	F ₁ (BSP)	F ₂ (BSP)	A	H ₁	H ₂
A510808-04-04	1/4" - 19	1/4" - 19	39,0	14	19
A510808-06-06	3/8" - 19	3/8" - 19	45,0	19	22
A510808-08-08	1/2" - 14	1/2" - 14	52,0	22	27
A510808-12-12	3/4" - 14	3/4" - 14	63,0	27	32
A510808-16-16	1" - 11	1" - 11	74,0	35	41
A510808-20-20	1.1/4" - 11	1.1/4" - 11	77,0	44	50
A510808-24-24	1" - 11	1" - 11	87,0	50	55

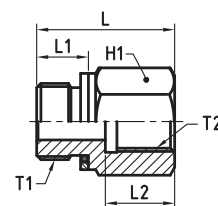
If You wish to order a fitting/ ferrule/ adaptor in stainless, please add at the end of code .SS

ADAPTORS

BSP ADAPTORS

A520304

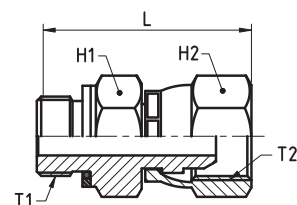
STRAIGHT ADAPTOR BSP MALE OR BOSS (ISO 1179-3)
BSP FIXED FEMALE (ISO 1179-1)



PART. REF.	THREADS		DIMENSIONS mm			
	T ₁ (BSPP)	T ₂ (BSPP)	L	L ₁	L ₂	H ₁
A520304-02-04	1/8" - 28	1/4" - 19	28,0	8,0	17,0	19
A520304-04-06	1/4" - 19	3/8" - 19	36,0	12,0	17,0	24
A520304-04-08	1/4" - 19	1/2" - 14	40	12	28	30
A520304-06-04	3/8" - 19	1/4" - 19	30,0	12,0	17,0	22
A520304-06-08	3/8" - 19	1/2" - 14	41,0	12,0	20,0	30
A520304-08-06	1/2" - 14	3/8" - 19	36,0	14,0	17,0	27
A520304-08-12	1/2" - 14	3/4" - 14	46,0	14,0	22,0	36
A520304-12-08	3/4" - 14	1/2" - 14	41,0	16,0	20,0	32
A520304-12-16	3/4" - 14	1" - 11	51,0	16,0	24,5	41
A520304-16-04	1" - 11	1/4" - 19	39	18	11	41
A520304-16-12	1" - 11	3/4" - 14	47,0	18,0	22,0	41
A520304-16-20	1" - 11	1.1/4" - 11	57,0	18,0	26,5	55
A520304-20-08	1.1/4" - 11	1/2"	32	20	12	50
A520304-20-16	1.1/4"	1" - 11	52,0	20,0	24,5	50
A520304-20-24	1.1/4" - 11	1.1/2" - 11	60,0	20,0	28,5	60

A520305

STRAIGHT ADAPTOR BSP MALE OR BOSS (ISO 1179-3)
BSP FEMALE 60° CONE (ISO 228)

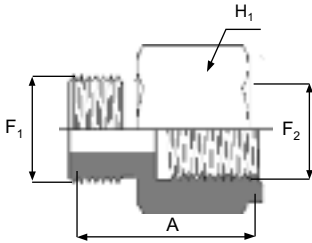


PART. REF.	THREADS		DIMENSIONS mm		
	T ₁ (BSPP)	T ₂ (BSPP)	L	H ₁	H ₂
A520305-04-04	1/4" - 19	1/4" - 19	36,5	19	19
A520305-06-06	3/8" - 19	3/8" - 19	39,5	22	22
A520305-08-08	1/2" - 14	1/2" - 14	45,5	27	27
A520305-12-12	3/4" - 14	3/4" - 14	54,0	32	32
A520305-16-16	1" - 11	1" - 11	61,5	41	41
A520305-20-20	1.1/4" - 11	1.1/4" - 11	67,0	50	50
A520305-24-24	1.1/2" - 11	1.1/2" - 11	73,5	55	55

If You wish to order a fitting/ ferrule/ adaptor in stainless, please add at the end of code .SS

ADAPTORS

BSP ADAPTORS

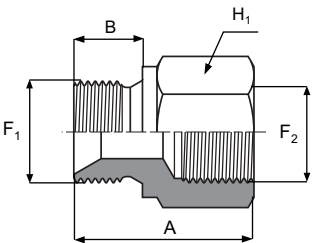


A520353

BSP MALE O'RING BOSS TYPE (ISO 1179-3)
BSP PRESSURE GAUGE PORT

PART. REF.	THREADS		DIMENSIONS mm	
	F ₁ (BSP)	F ₂ (BSP)	A	H ₁
A520353-04-04	1/4" - 19	1/4" - 19	36,5	19
A520353-04-02	1/4" - 19	1/8" - 28	39,5	22
A520353-06-04	3/8" - 19	1/4" - 19	45,5	27
A520353-06-08	3/8" - 19	1/2" - 14	54,0	32
A520353-08-08	1/2" - 14	1/2" - 14	61,5	41
A520353-12-08	3/4" - 14	1/2" - 14	67,0	50

If You wish to order a fitting/ ferrule/ adaptor in stainless, please add at the end of code .SS



A520504

BSP MALE 60° CONE SEAT - BSP FIXED FEMALE

PART. REF.	THREADS		DIMENSIONS mm		
	F ₁ (BSP)	F ₂ (BSP)	A	B	H ₁
A520504-02-02	1/8" - 28	1/8" - 28	28	8	14
A520504-04-04	1/4" - 19	1/4" - 19	32,0	11,0	19
A520504-06-06	3/8" - 19	3/8" - 19	32,0	12,0	22
A520504-08-08	1/2" - 14	1/2" - 14	40,0	14,0	27
A520504-12-12	3/4" - 14	3/4" - 14	48,0	16,0	32
A520504-16-16	1" - 11	1" - 11	54,0	19,0	41

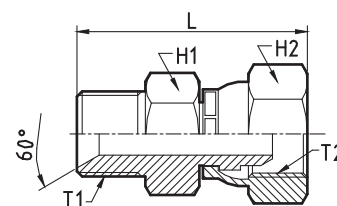
If You wish to order a fitting/ ferrule/ adaptor in stainless, please add at the end of code .SS

ADAPTORS

BSP ADAPTORS

A520505

STRAIGHT ADAPTOR BSP MALE PARALLEL 60° CONE SEAT
BSP FEMALE 60° CONE (ISO 228)

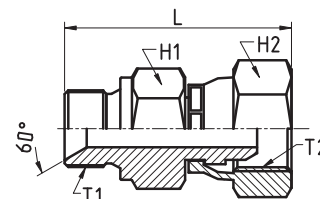


PART. REF.	THREADS		DIMENSIONS mm		
	T ₁ (BSPP)	T ₂ (BSPP)	L	H ₁	H ₂
A520505-04-04	1/4" - 19	1/4" - 19	36,0	14	19
A520505-06-06	3/8" - 19	3/8" - 19	42,0	19	22
A520505-08-08	1/2" - 14	1/2" - 14	48,5	22	27
A520505-12-12	3/4" - 14	3/4" - 14	57,0	27	32
A520505-16-16	1" - 11	1" - 11	64,5	35	41
A520505-20-20	1.1/4" - 11	1.1/4" - 11	72,0	44	50
A520505-24-24	1.1/2" - 11	1.1/2" - 11	79,0	50	55

If You wish to order a fitting/ ferrule/ adaptor in stainless, please add at the end of code .SS

A520505D

STRAIGHT ADAPTOR BSP MALE PARALLEL 60° CONE SEAT
DIN PROFILE BSP FEMALE 60° CONE (ISO 228)

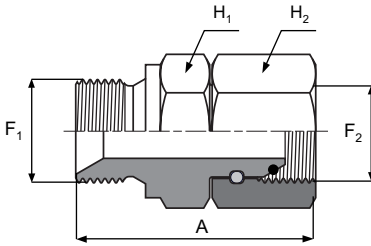


PART. REF.	THREADS		DIMENSIONS mm		
	T ₁ (BSPP)	T ₂ (BSPP)	L	H ₁	H ₂
A520505-02-02D	1/8"	1/8"	28,0	14	14
A520505-04-04D	1/4" - 19	1/4" - 19	38,0	19	19
A520505-04-06D	1/4" - 19	3/8" - 19	39,5	19	22
A520505-04-08D	1/4" - 19	1/2" - 14	42,0	22	27
A520505-06-04D	3/8" - 19	1/4" - 19	38,0	22	19
A520505-06-06D	3/8" - 19	3/8" - 19	40,5	22	22
A520505-06-08D	3/8" - 19	1/2" - 14	43,0	22	27
A520505-08-06D	1/2" - 14	3/8" - 19	43,5	27	22
A520505-08-08D	1/2" - 14	1/2" - 14	46,0	27	27
A520505-08-12D	1/2" - 14	3/4" - 14	51,0	27	32
A520505-10-10D	5/8" - 14	5/8" - 14	51,0	30	30
A520505-12-08D	3/4" - 14	1/2" - 14	49,0	32	27
A520505-12-12D	3/4" - 14	3/4" - 14	54,0	32	32
A520505-12-16D	3/4" - 14	1" - 11	55,0	35	41
A520505-16-12D	1" - 11	3/4" - 14	59,5	41	32
A520505-16-16D	1" - 11	1" - 11	64,0	41	41
A520505-20-20D	1.1/4" - 11	1.1/4" - 11	67,0	50	50
A520505-24-24D	1.1/2" - 11	1.1/2" - 11	78,0	55	55

If You wish to order a fitting/ ferrule/ adaptor in stainless, please add at the end of code .SS

ADAPTORS

BSP ADAPTORS



A520508

BSP MALE 60° CONE SEAT DIN PROFILE
BSP FEMALE 60° CONE WITH O'RING (ISO 228)

PART. REF.	THREADS		DIMENSIONS mm		
	F ₁ (BSP)	F ₂ (BSP)	A	H ₁	H ₂
A520508-02-02	1/8" - 28	1/8" - 28	28,0	14	14
A520508-04-04	1/4" - 19	1/4" - 19	38,0	19	19
A520508-04-06	1/4" - 19	3/8" - 19	39,5	19	22
A520508-04-08	1/4" - 19	1/2" - 14	42,0	22	27
A520508-06-04	3/8" - 19	1/4" - 19	38,0	22	19
A520508-06-06	3/8" - 19	3/8" - 19	40,5	22	22
A520508-06-08	3/8" - 19	1/2" - 14	43,0	22	27
A520508-08-06	1/4" - 19	3/8" - 19	43,5	27	22
A520508-08-08	1/2" - 14	1/2" - 14	46,0	27	27
A520508-08-12	1/2" - 14	3/4" - 14	51,0	27	32
A520508-10-10	5/8" - 14	5/8" - 14	51,0	30	30
A520508-12-08	3/4" - 14	1/2" - 14	49,0	32	27
A520508-12-12	3/4" - 14	3/4" - 14	54,0	32	32
A520508-12-16	3/4" - 14	1" - 11	55,0	35	41
A520508-16-12	1" - 11	3/4" - 14	59,5	41	32
A520508-16-16	1" - 11	1" - 11	64,0	41	41
A520508-16-20	1" - 11	1.1/4" - 11	62,0	41	50
A520508-20-20	1.1/4" - 11	1.1/4" - 11	67,0	50	50
A520508-24-24	1.1/2" - 11	1.1/2" - 11	78,0	55	55

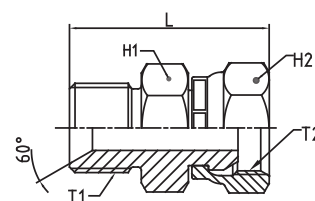
If You wish to order a fitting/ ferrule/ adaptor in stainless, please add at the end of code .SS

ADAPTORS

BSP ADAPTORS

A520528

STRAIGHT ADAPTOR BSP MALE 60° CONE SEAT (ISO 228)
NPSM SWIVEL FEMALE 60° CONE (SAE J514)

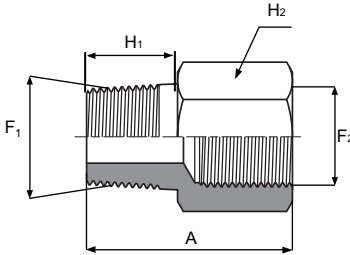


PART. REF.	THREADS		DIMENSIONS mm			
	T ₁ (BSPP)	T ₂ (NPSM)	L	H ₁	H ₂	
A520528-06-06	3/8"-19	3/8"-18	40,5	19	22	
A520528-08-06	1/2"-14	3/8"-18	43,5	22	22	
A520528-08-08	1/2"-14	1/2"-14	46,0	22	27	
A520528-08-12	1/2"-14	3/4"-14	51,0	27	32	
A520528-16-08	1"-11	1/2"-14	57,0	35	27	
A520528-16-12	1"-11	3/4"-14	59,5	35	32	
A520528-16-16	1"-11	1"-11,5	64,0	35	38	
A520528-24-24	1.1/2"-11	1.1/2"-11,5	78,0	50	54	

If You wish to order a fitting/ ferrule/ adaptor in stainless, please add at the end of code .SS

ADAPTORS

BSP ADAPTORS



A520704

BSP MALE TAPERED (ISO 7)
BSP FIXED FEMALE

PART. REF.	THREADS		DIMENSIONS mm		
	F1 (BSPT)	F2 (BSPP)	A	H1	H2
A520704-02-02	1/8" - 28	1/8" - 28	23,5	10,0	14
A520704-02-04	1/8" - 28	1/4" - 19	29,0	10,0	19
A520704-02-06	1/8" - 28	3/8" - 19	33,0	10,0	22
A520704-04-02	1/4" - 19	1/8" - 28	20,0	14,0	19
A520704-04-04	1/4" - 19	1/4" - 19	32,0	14,0	19
A520704-04-06	1/4" - 19	3/8" - 19	34,0	14,0	22
A520704-04-08	1/4" - 19	1/2" - 14	39,0	14,0	27
A520704-06-02	3/8" - 19	1/8" - 28	19,5	12,5	22
A520704-06-04	3/8" - 19	1/4" - 19	21,0	14,0	22
A520704-06-06	3/8" - 19	3/8" - 19	32,0	14,0	22
A520704-06-08	3/8" - 19	1/2" - 14	39,0	15,0	27
A520704-08-02	1/2" - 14	1/8" - 28	27,0	19,0	27
A520704-08-04	1/2" - 14	1/4" - 19	27,0	19,0	27
A520704-08-06	1/2" - 14	3/8" - 19	27,0	19,0	27
A520704-08-08	1/2" - 14	1/2" - 14	41,0	19,5	27
A520704-08-12	1/2" - 14	3/4" - 14	45,0	20,0	32
A520704-08-16	1/2" - 14	1" - 11	51,0	19,0	41
A520704-12-04	3/4" - 14	1/4" - 19	28,0	19,0	32
A520704-12-06	3/4" - 14	3/8" - 19	29,0	19,5	32
A520704-12-08	3/4" - 14	1/2" - 14	29,0	19,0	32
A520704-12-12	3/4" - 14	3/4" - 14	48,5	19,0	32
A520704-12-16	3/4" - 14	1" - 11	50,0	20,0	41
A520704-16-06	1" - 11	3/8" - 19	33,0	23,0	41
A520704-16-08	1" - 11	1/2" - 14	34,0	24,0	41
A520704-16-12	1" - 11	3/4" - 14	33,0	23,0	41
A520704-16-16	1" - 11	1" - 11	56,0	24,0	41
A520704-16-20	1" - 11	1.1/4" - 11	57,5	24,0	50
A520704-20-12	1.1/4" - 11	3/4" - 14	36,0	24,0	50
A520704-20-16	1.1/4" - 11	1" - 11	36,0	24,0	50
A520704-20-24	1.1/4" - 11	1.1/2" - 11	63,0	25,0	55
A520704-24-16	1.1/2" - 11	1" - 11	39,5	26,0	55
A520704-20-20	1.1/4" - 11	1.1/4" - 11	37,0	25,0	50
A520704-24-20	1.1/2" - 11	1.1/4" - 11	38,0	26,0	55
A520704-32-20	2" - 11	1.1/4" - 11	62,0	26,0	65
A520704-32-24	2" - 11	2" - 11	64,0	26,0	65

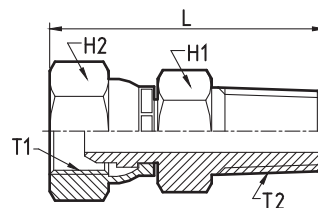
If You wish to order a fitting/ ferrule/ adaptor in stainless, please add at the end of code .SS

ADAPTORS

BSP ADAPTORS

A520705

STRAIGHT ADAPTOR BSP FEMALE 60° CONE (ISO 228)
BSP MALE TAPERED (ISO 7)

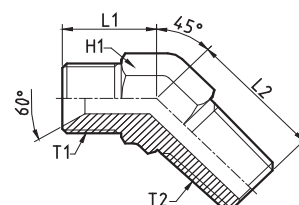


PART. REF.	THREADS		DIMENSIONS mm		
	T ₁ (BSPP)	T ₂ (BSPT)	L	H ₁	H ₂
A520705-04-04	1/4" - 19	1/4" - 19	37,0	14	19
A520705-06-06	3/8" - 19	3/8" - 19	43,0	19	22
A520705-06-08	3/8" - 19	1/2" - 14	46,0	22	27
A520705-08-06	1/2" - 14	3/8" - 19	46,0	22	22
A520705-08-08	1/2" - 14	1/2" - 14	49,0	22	27
A520705-12-12	3/4" - 14	3/4" - 14	56,0	27	32
A520705-16-16	1" - 11	1" - 11	66,0	35	41
A520705-20-20	1.1/4" - 11	1.1/4" - 11	72,0	44	50
A520705-24-24	1.1/2" - 11	1.1/2" - 11	80,0	50	55

If You wish to order a fitting/ ferrule/ adaptor in stainless, please add at the end of code .SS

A530507

45° ELBOW ADAPTOR BSP MALE PARALLEL
60° CONE SEAT (ISO 228) - BSP MALE TAPERED (ISO 7)

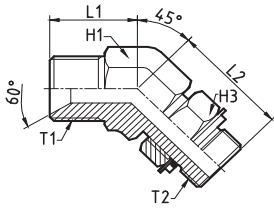


PART. REF.	THREADS		DIMENSIONS mm		
	T ₁ (BSPP)	T ₂ (BSPT)	L ₁	L ₂	H ₁
A530507-04-04	1/4" - 19	1/4" - 19	21,0	21,0	14
A530507-06-06	3/8" - 19	3/8" - 19	25,0	26,0	19
A530507-08-08	1/2" - 14	1/2" - 14	28,0	31,0	22
A530507-12-12	3/4" - 14	3/4" - 14	33,0	31,5	27
A530507-16-16	1" - 11	1" - 11	38,0	41,0	35
A530507-20-20	1.1/4" - 11	1.1/4" - 11	45,0	46,0	44
A530507-24-24	1.1/2" - 11	1.1/2" - 11	47,0	48,0	50
A530507-32-32	2" - 11	2" - 11	56,0	55,0	65

If You wish to order a fitting/ ferrule/ adaptor in stainless, please add at the end of code .SS

ADAPTORS

BSP ADAPTORS



A530509

45° ELBOW ADJUSTABLE ADAPTOR BSP MALE PARALLEL
60° CONE SEAT (ISO 228) - BSP MALE O-RING BOSS TYPE (ISO 1179-3)

PART. REF.	THREADS		DIMENSIONS mm			
	T ₁ (BSPP)	T ₂ (BSPP)	L ₁	L ₂	H ₁	H ₃
A530509-04-04	1/4" - 19	1/4" - 19	21,0	28,0	14	19
A530509-04-06	1/4" - 19	3/8" - 19	23,0	33,0	19	22
A530509-06-04	3/8" - 19	1/4" - 19	25,0	33,0	19	19
A530509-06-06	3/8" - 19	3/8" - 19	25,0	33,0	19	22
A530509-06-08	3/8" - 19	1/2" - 14	26,0	38,5	22	27
A530509-08-06	1/2" - 14	3/8" - 19	28,0	38,5	22	22
A530509-08-08	1/2" - 14	1/2" - 14	28,0	38,5	22	27
A530509-08-12	1/2" - 14	3/4" - 14	30,0	43,0	27	32
A530509-12-08	3/4" - 14	1/2" - 14	33,0	43,0	27	27
A530509-12-12	3/4" - 14	3/4" - 14	33,0	43,0	27	32
A530509-12-16	3/4" - 14	1" - 11	35,0	47,0	35	41
A530509-16-12	1" - 11	3/4" - 14	38,0	46,0	35	32
A530509-16-16	1" - 11	1" - 11	38,0	47,0	35	41
A530509-16-20	1" - 11	1.1/4" - 11	40,0	48,5	44	50
A530509-20-16	1.1/4" - 11	1" - 11	45,0	48,5	44	41
A530509-20-20	1.1/4" - 11	1.1/4" - 11	45,0	48,5	44	50

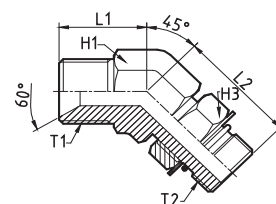
If You wish to order a fitting/ ferrule/ adaptor in stainless, please add at the end of code .S5

ADAPTORS

BSP ADAPTORS

A530531

45° ELBOW ADJUSTABLE ADAPTOR BSP MALE PARALLEL 60° CONE SEAT (ISO 228) SAE MALE O-RING BOSS TYPE (SAE J1926)

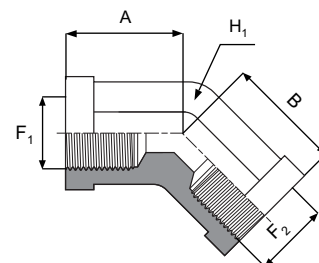


PART. REF.	THREADS		DIMENSIONS mm			
	T ₁ (BSPP)	T ₂ (UNF)	L ₁	L ₂	H ₁	H ₃
A530531-04-06	1/4" - 19	9/16" - 18	21,0	28,0	14	19
A530531-06-08	3/8" - 19	3/4" - 16	25,0	33,0	19	24
A530531-08-10	1/2" - 14	7/8" - 14	28,0	38,5	22	27
A530531-12-12	3/4" - 14	1.1/16" - 12	33,0	43,0	27	32
A530531-16-16	1" - 11	1.5/16" - 12	38,0	47,0	35	38
A530531-20-20	1.1/4" - 11	1.5/8" - 12	45,0	48,5	44	50

If You wish to order a fitting/ ferrule/ adaptor in stainless, please add at the end of code .SS

A540404

DOUBLE BSP FIXED FEMALE, 45° ELBOW

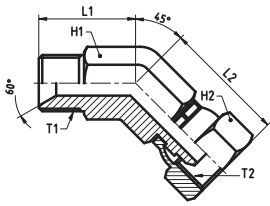


PART. REF.	THREADS		DIMENSIONS mm		
	F ₁ (BSP)	F ₂ (BSP)	A	B	H ₁
A540404-06-06	3/8" - 19	3/8" - 19	22,0	22,0	19
A540404-08-08	1/2" - 14	1/2" - 14	26,0	26,0	22

If You wish to order a fitting/ ferrule/ adaptor in stainless, please add at the end of code .SS

ADAPTORS

BSP ADAPTORS

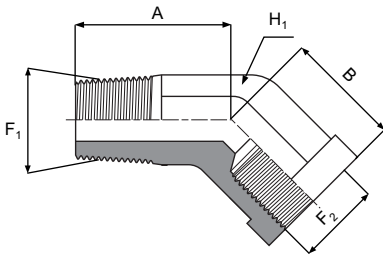


A550505

45° ELBOW ADAPTOR BSP MALE PARALLEL 60° CONE SEAT
BSP FEMALE 60° CONE (ISO 228)

PART. REF.	THREADS		DIMENSIONS mm			
	T ₁ (BSPP)	T ₂ (BSPP)	L ₁	L ₂	H ₁	H ₂
A550505-04-04	1/4" - 19	1/4" - 19	21,0	23,0	14	19
A550505-06-06	3/8" - 19	3/8" - 19	25,0	28,0	19	22
A550505-08-08	1/2" - 14	1/2" - 14	28,0	29,5	22	27
A550505-12-12	3/4" - 14	3/4" - 14	33,0	37,0	27	32
A550505-16-16	1" - 11	1" - 11	38,0	46,0	35	41
A550505-20-20	1.1/4" - 11	1.1/4" - 11	45,0	51,5	44	50
A550505-24-24	1.1/2" - 11	1.1/2" - 11	47,0	55,0	50	55

If You wish to order a fitting/ ferrule/ adaptor in stainless, please add at the end of code .SS



A550704

BSP MALE TAPERED (ISO 7)
BSP FIXED FEMALE, 45° ELBOW

PART. REF.	THREADS		DIMENSIONS mm		
	F ₁ (BSPT)	F ₂ (BSPP)	A	B	H ₁
A550704-04-04	1/4" - 19	1/4" - 19	21,0	16,0	19
A550704-06-06	3/8" - 19	3/8" - 19	27,0	22,0	22
A550704-12-12	3/4" - 14	3/4" - 14	35,0	29,5	34

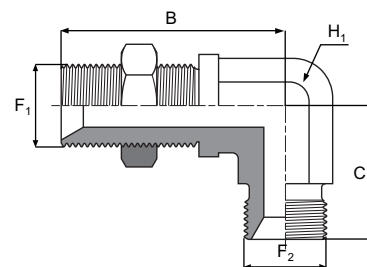
If You wish to order a fitting/ ferrule/ adaptor in stainless, please add at the end of code .SS

ADAPTORS

BSP ADAPTORS

A560504

BSP MALE 60° CONE SEAT PARALLEL - BSP BULKHEAD MALE (ISO 228),
90° ELBOW

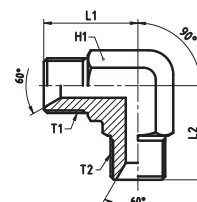


PART. REF.	THREADS		DIMENSIONS mm			
	F ₁ (BSPP)	F ₂ (BSPP)	A	B	H ₁	H ₂
A560504-02-02	1/8" - 28	1/8" - 28	20,0	41,0	14	14
A560504-04-04	1/4" - 19	1/4" - 19	25,0	45,0	14	22
A560504-06-06	3/8" - 19	3/8" - 19	30,0	52,0	19	22
A560504-08-08	1/2" - 14	1/2" - 14	35,0	50,0	22	27
A560504-10-10	5/8" - 14	5/8" - 14	37,0	58,0	22	27
A560504-12-12	3/4" - 14	3/4" - 14	40,0	65,0	27	32
A560504-16-16	1" - 11	1" - 11	45,0	71,0	35	41
A560505-20-20	1.1/4" - 11	1.1/4" - 11	51,0	80,0	41	50
A560504-24-24	1.1/2" - 11	1.1/2" - 11	54,0	92,0	50	55

If You wish to order a fitting/ ferrule/ adaptor in stainless, please add at the end of code .SS

A560505

90° ELBOW ADAPTOR BSP MALE PARALLEL 60° CONE SEAT (ISO 228)

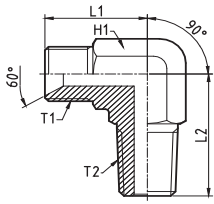


PART. REF.	THREADS		DIMENSIONS mm		
	T ₁ (BSPP)	T ₂ (BSPP)	L ₁	L ₂	H ₁
A560505-04-04	1/4" - 19	1/4" - 19	25,0	25,0	14
A560505-06-06	3/8" - 19	3/8" - 19	29,0	29,0	19
A560505-08-08	1/2" - 14	1/2" - 14	33,0	33,0	22
A560505-12-12	3/4" - 14	3/4" - 14	38,0	38,0	27
A560505-16-16	1" - 11	1" - 11	45,0	45,0	35
A560505-20-20	1.1/4" - 11	1.1/4" - 11	52,0	52,0	41
A560505-24-24	1.1/2" - 11	1.1/2" - 11	59,0	59,0	50

If You wish to order a fitting/ ferrule/ adaptor in stainless, please add at the end of code .SS

ADAPTORS

BSP ADAPTORS

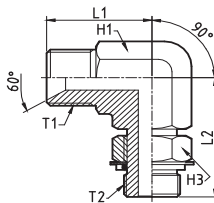


A560507

90° ELBOW ADAPTOR BSP MALE PARALLEL 60° CONE SEAT (ISO 228)
BSP MALE TAPERED (ISO 7)

PART. REF.	THREADS		DIMENSIONS mm		
	T ₁ (BSPP)	T ₂ (BSPT)	L ₁	L ₂	H ₁
A560507-04-04	1/4" - 19	1/4" - 19	25,0	27,0	14
A560507-06-06	3/8" - 19	3/8" - 19	29,0	31,0	19
A560507-08-08	1/2" - 14	1/2" - 14	33,0	37,0	22
A560507-12-12	3/4" - 14	3/4" - 14	38,0	42,0	27
A560507-16-16	1" - 11	1" - 11	45,0	48,0	35
A560507-20-20	1.1/4" - 11	1.1/4" - 11	52,0	57,0	41
A560507-24-24	1.1/2" - 11	1.1/2" - 11	59,0	65,0	50
A560507-32-32	2" - 11	2" - 11	73,0	74,0	65

If You wish to order a fitting/ ferrule/ adaptor in stainless, please add at the end of code .SS



A560509

90° ELBOW ADJUSTABLE ADAPTOR BSP MALE PARALLEL
60° CONE SEAT (ISO 228) - BSP MALE O-RING BOSS TYPE (ISO 1179-3)

PART. REF.	THREADS		DIMENSIONS mm			
	T ₁ (BSPP)	T ₂ (BSPP)	L ₁	L ₂	H ₁	H ₃
A560509-04-04	1/4" - 19	1/4" - 19	25,0	31,5	14	19
A560509-04-06	1/4" - 19	3/8" - 19	26,0	36,5	19	22
A560509-06-04	3/8" - 19	1/4" - 19	29,0	33,5	19	19
A560509-06-06	3/8" - 19	3/8" - 19	29,0	36,5	19	22
A560509-06-08	3/8" - 19	1/2" - 14	30,0	43,0	22	27
A560509-08-06	1/2" - 14	3/8" - 19	33,0	39,5	22	22
A560509-08-08	1/2" - 14	1/2" - 14	33,0	43,0	22	27
A560509-08-12	1/2" - 14	3/4" - 14	36,0	49,0	27	32
A560509-12-08	3/4" - 14	1/2" - 14	38,0	45,5	27	27
A560509-12-12	3/4" - 14	3/4" - 14	38,0	49,0	27	32
A560509-12-16	3/4" - 14	1" - 11	42,0	52,0	35	41
A560509-16-12	1" - 11	3/4" - 14	45,0	52,0	35	32
A560509-16-16	1" - 11	1" - 11	45,0	52,0	35	41
A560509-16-20	1" - 11	1.1/4" - 11	52,0	57,0	41	50
A560509-20-16	1.1/4" - 11	1" - 11	52,0	57,0	41	41
A560509-20-20	1.1/4" - 11	1.1/4" - 11	52,0	57,0	41	50

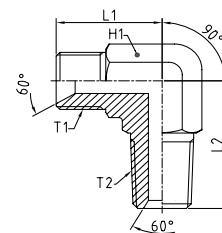
If You wish to order a fitting/ ferrule/ adaptor in stainless, please add at the end of code .SS

ADAPTORS

BSP ADAPTORS

A560528

90° ELBOW ADAPTOR BSP MALE PARALLEL 60° CONE SEAT
(ISO 228) NPTF MALE 60° CONE SEAT (SAE J514)

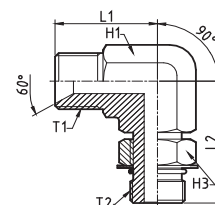


PART. REF.	THREADS		DIMENSIONS mm				
	T1 (BSPP)	T2 (NPTF)	L1	L2	H1		
A560528-04-04	1/4"-19	1/4"-18	26,0	28,0	14		
A560528-06-06	3/8"-19	3/8"-18	29,0	31,0	19		
A560528-08-08	1/2"-14	1/2"-14	34,0	37,5	22		
A560528-12-12	3/4"-14	3/4"-14	41,0	40,0	27		
A560528-16-16	1"-11	1"-11,5	45,0	50,0	33		
A560528-20-20	1.1/4"-11	1.1/4"-11,5	52,0	60,0	41		

If You wish to order a fitting/ ferrule/ adaptor in stainless, please add at the end of code .SS

A560531

90° ELBOW ADJUSTABLE ADAPTOR BSP MALE PARALLEL 60°
CONE SEAT (ISO 228) SAE MALE O-RING BOSS TYPE (SAE J1926)

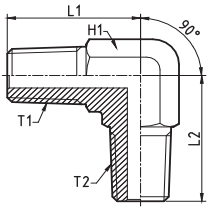


PART. REF.	THREADS		DIMENSIONS mm			
	T1 (BSPP)	T2 (UNF)	L1	L2	H1	H3
A560531-04-06	1/4" - 19	9/16" - 18	25,0	31,5	14	19
A560531-06-08	3/8" - 19	3/4" - 16	29,0	36,5	19	24
A560531-08-10	1/2" - 14	7/8" - 14	33,0	43,0	22	27
A560531-12-12	3/4" - 14	1.1/16" - 12	38,0	49,0	27	32
A560531-16-16	1" - 11	1.5/16" - 12	45,0	52,0	35	38
A560531-20-20	1.1/4" - 11	1.5/8" - 12	52,0	57,0	41	50

If You wish to order a fitting/ ferrule/ adaptor in stainless, please add at the end of code .SS

ADAPTORS

BSP ADAPTORS

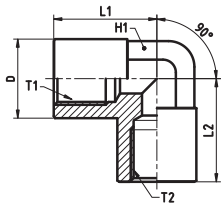


A560707

90° ELBOW ADAPTOR BSP MALE TAPERED (ISO 7)

PART. REF.	THREADS		DIMENSIONS mm		
	T ₁ (BSPT)	T ₂ (BSPT)	L ₁	L ₂	H ₁
A560707-02-02	1/8" - 28	1/8" - 28	21,0	21,0	12
A560707-04-04	1/4" - 19	1/4" - 19	25,0	25,0	14
A560707-06-06	3/8" - 19	3/8" - 19	31,0	31,0	19
A560707-08-08	1/2" - 14	1/2" - 14	35,0	35,0	22
A560707-12-12	3/4" - 14	3/4" - 14	41,0	41,0	27
A560707-16-16	1" - 11	1" - 11	48,0	48,0	35
A560707-20-20	1.1/4" - 11	1.1/4" - 11	55,0	55,0	41
A560707-24-24	1.1/2" - 11	1.1/2" - 11	60,0	60,0	50
A560707-32-32	2" - 11	2" - 11	74,0	74,0	65

If You wish to order a fitting/ ferrule/ adaptor in stainless, please add at the end of code .SS



A570404

90° ELBOW ADAPTOR BSP FIXED FEMALE

PART. REF.	THREADS		DIMENSIONS mm			
	T ₁ (BSPP)	T ₂ (BSPP)	L ₁	L ₂	D	H ₁
A570404-02-02	1/8" - 28	1/8" - 28	22,5	22,5	19	17
A570404-04-04	1/4" - 19	1/4" - 19	22,5	22,5	24,0	21
A570404-06-06	3/8" - 19	3/8" - 19	26,0	26,0	28,0	25
A570404-08-08	1/2" - 14	1/2" - 14	28,5	28,5	33,0	30
A570404-12-12	3/4" - 14	3/4" - 14	33,0	33,0	40,0	37
A570404-16-16	1" - 11	1" - 11	38,5	38,5	47,0	43
A570404-20-20	1.1/4" - 11	1.1/4" - 11	46,0	46,0	56,0	52
A570404-24-24	1.1/2" - 11	1.1/2" - 11	49,0	49,0	63,0	59

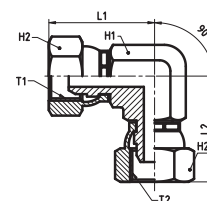
If You wish to order a fitting/ ferrule/ adaptor in stainless, please add at the end of code .SS

ADAPTORS

BSP ADAPTORS

A570505

90° ELBOW ADAPTOR BSP FEMALE 60° CONE (ISO 228)

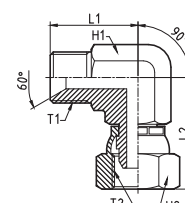


PART. REF.	THREADS		DIMENSIONS mm			
	T ₁ (BSPP)	T ₂ (BSPP)	L ₁	L ₂	H ₁	H ₂
A570505-04-04	1/4" - 19	1/4" - 19	28,0	28,0	14	19
A570505-06-06	3/8" - 19	3/8" - 19	31,0	31,0	19	22
A570505-08-08	1/2" - 14	1/2" - 14	37,0	37,0	24	27
A570505-12-12	3/4" - 14	3/4" - 14	45,0	45,0	27	32
A570505-16-16	1" - 11	1" - 11	54,0	54,0	35	41
A570505-20-20	1.1/4" - 11	1.1/4" - 11	59,5	59,5	41	50
A570505-24-24	1.1/2" - 11	1.1/2" - 11	67,0	67,0	50	55

If You wish to order a fitting/ ferrule/ adaptor in stainless, please add at the end of code .SS

A580505

90° ELBOW ADAPTOR BSP MALE PARALLEL 60° CONE SEAT
BSP FEMALE 60° CONE (ISO 228)

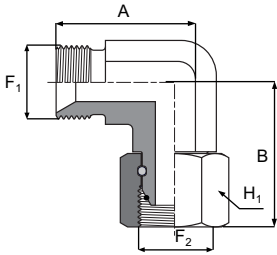


PART. REF.	THREADS		DIMENSIONS mm			
	T ₁ (BSPP)	T ₂ (BSPP)	L ₁	L ₂	H ₁	H ₂
A580505-04-04	1/4" - 19	1/4" - 19	25,0	28,0	14	19
A580505-06-06	3/8" - 19	3/8" - 19	29,0	31,0	19	22
A580505-08-08	1/2" - 14	1/2" - 14	33,0	37,0	22	27
A580505-12-12	3/4" - 14	3/4" - 14	38,0	45,0	27	32
A580505-16-16	1" - 11	1" - 11	45,0	52,0	35	41
A580505-20-20	1.1/4" - 11	1.1/4" - 11	52,0	62,0	41	50
A580505-24-24	1.1/2" - 11	1.1/2" - 11	59,0	73,0	50	55

If You wish to order a fitting/ ferrule/ adaptor in stainless, please add at the end of code .SS

ADAPTORS

BSP ADAPTORS

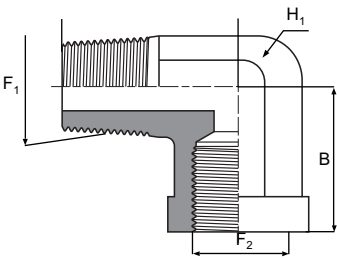


A580508

BSP MALE 60° CONE SEAT
BSP FEMALE 60° CONE WITH O'RING (ISO 228), 90° ELBOW

PART. REF.	THREADS		DIMENSIONS mm		
	F ₁ (BSP)	F ₂ (BSP)	A	B	H ₁
A580508-04-04	1/4" - 19	1/4" - 19	26,0	33,0	19
A580508-06-06	3/8" - 19	3/8" - 19	29,0	31,0	22
A580508-08-08	1/2" - 14	1/2" - 14	34,0	43,0	27
A580508-12-12	3/4" - 14	3/4" - 14	41,0	53,5	32
A580508-16-16	1" - 11	1" - 11	50,0	51,5	41
A580508-20-20	1.1/4" - 11	1.1/4" - 11	52,0	57,0	50
A580508-24-24	1.1/2" - 11	1.1/2" - 11	59,0	64,0	55

If You wish to order a fitting/ ferrule/ adaptor in stainless, please add at the end of code .SS



A580704

BSP MALE TAPERED (ISO 7)
BSP FIXED FEMALE, 90° ELBOW

PART. REF.	THREADS		DIMENSIONS mm		
	F ₁ (BSPT)	F ₂ (BSP)	A	B	H ₁
A580704-02-02	1/8" - 28	1/8" - 28	20,0	17,0	14
A580704-04-04	1/4" - 19	1/4" - 19	28,0	22,5	23
A580704-06-06	3/8" - 19	3/8" - 19	31,0	26,0	26
A580704-08-08	1/2" - 14	1/2" - 14	37,5	31,0	31
A580704-12-12	3/4" - 14	3/4" - 14	40,0	34,5	35
A580704-16-16	1" - 11	1" - 11	50,0	41,0	41

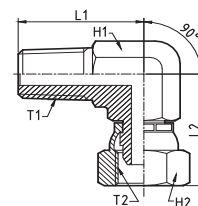
If You wish to order a fitting/ ferrule/ adaptor in stainless, please add at the end of code .SS

ADAPTORS

BSP ADAPTORS

A580705

90° ELBOW ADAPTOR BSP MALE TAPERED (ISO 7)
BSP FEMALE 60° CONE (ISO 228)

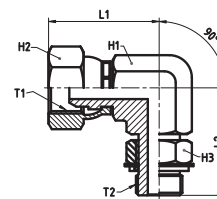


PART. REF.	THREADS		DIMENSIONS mm			
	T ₁ (BSPT)	T ₂ (BSPP)	L ₁	L ₂	H ₁	H ₂
A580705-04-04	1/4" - 19	1/4" - 19	27,0	28,0	14	19
A580705-06-06	3/8" - 19	3/8" - 19	31,0	31,0	19	22
A580705-08-08	1/2" - 14	1/2" - 14	37,0	37,0	22	27
A580705-12-12	3/4" - 14	3/4" - 14	40,5	45,0	27	32
A580705-16-16	1" - 11	1" - 11	48,0	52,0	35	41
A580705-20-20	1.1/4" - 11	1.1/4" - 11	57,0	62,0	41	50
A580705-24-24	1.1/2" - 11	1.1/2" - 11	65,0	73,0	50	55

If You wish to order a fitting/ ferrule/ adaptor in stainless, please add at the end of code .SS

A580905

90° ELBOW ADJUSTABLE ADAPTOR BSP MALE OR BOSS (ISO 1179)
BSP FEMALE 60° CONE (ISO 228)

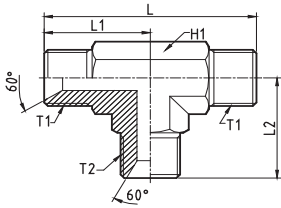


PART. REF.	THREADS		DIMENSIONS mm				
	T ₁ (BSPP)	T ₂ (BSPP)	L ₁	L ₂	H ₁	H ₂	H ₃
A580905-04-04	1/4" - 19	1/4" - 19	28,0	32,0	14	19	19
A580905-06-06	3/8" - 19	3/8" - 19	31,0	37,0	19	22	22
A580905-08-08	1/2" - 14	1/2" - 14	37,0	43,0	22	27	27
A580905-12-12	3/4" - 14	3/4" - 14	45,0	49,0	27	32	32
A580905-16-16	1" - 11	1" - 11	52,0	52,0	35	41	41
A580905-20-20	1.1/4" - 11	1.1/4" - 11	59,5	57,0	41	50	50
A580905-24-24	1.1/2" - 11	1.1/2" - 11	67,0	65,0	50	55	55

If You wish to order a fitting/ ferrule/ adaptor in stainless, please add at the end of code .SS

ADAPTORS

BSP ADAPTORS

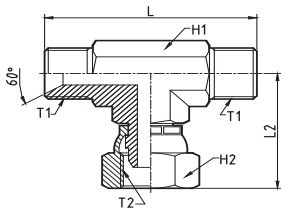


A700505

UNION TEE BSP MALE 60° CONE SEAT (ISO 228)

PART. REF.	THREADS		DIMENSIONS mm			
	T ₁ (BSPP)	T ₂ (BSPP)	L	L ₁	L ₂	H ₁
A700505-04-04	1/4" - 19	1/4" - 19	50,0	25,0	25,0	14
A700505-06-06	3/8" - 19	3/8" - 19	58,0	29,0	29,0	19
A700505-08-08	1/2" - 14	1/2" - 14	66,0	33,0	33,0	22
A700505-12-12	3/4" - 14	3/4" - 14	76,0	38,0	38,0	27
A700505-16-16	1" - 11	1" - 11	90,0	45,0	45,0	36
A700505-20-20	1.1/4" - 11	1.1/4" - 11	104,0	52,0	52,0	41
A700505-24-24	1.1/2" - 11	1.1/2" - 11	118,0	59,0	59,0	50

If You wish to order a fitting/ ferrule/ adaptor in stainless, please add at the end of code .SS



A710505

BRANCH TEE BSP MALE 60° CONE SEAT
BSP FEMALE 60° CONE (ISO 228)

PART. REF.	THREADS		DIMENSIONS mm			
	T ₁ (BSPP)	T ₂ (BSPP)	L	L ₂	H ₁	H ₂
A710505-04-04	1/4" - 19	1/4" - 19	50,0	28,0	14	19
A710505-06-06	3/8" - 19	3/8" - 19	58,0	31,0	19	22
A710505-08-08	1/2" - 14	1/2" - 14	66,0	37,0	22	27
A710505-12-12	3/4" - 14	3/4" - 14	76,0	45,0	27	32
A710505-16-16	1" - 11	1" - 11	90,0	54,0	36	41
A710505-20-20	1.1/4" - 11	1.1/4" - 11	104,0	62,0	41	50
A710505-24-24	1.1/2" - 11	1.1/2" - 11	118,0	73,0	50	55

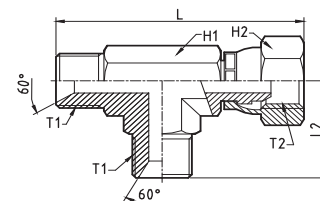
If You wish to order a fitting/ ferrule/ adaptor in stainless, please add at the end of code .SS

ADAPTORS

BSP ADAPTORS

A720505

RUN TEE BSP MALE 60° CONE SEAT
BSP FEMALE 60° CONE (ISO 228)

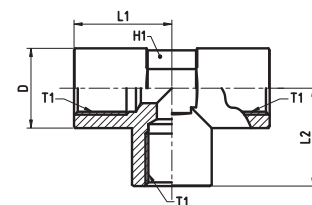


PART. REF.	THREADS		DIMENSIONS mm			
	T ₁ (BSPP)	T ₂ (BSPP)	L	L ₂	H ₁	H ₂
A720505-04-04	1/4" - 19	1/4" - 19	53,0	25,0	14	19
A720505-06-06	3/8" - 19	3/8" - 19	60,0	29,0	19	22
A720505-08-08	1/2" - 14	1/2" - 14	70,0	33,0	22	27
A720505-12-12	3/4" - 14	3/4" - 14	83,0	38,0	27	32
A720505-16-16	1" - 11	1" - 11	99,0	45,0	36	41
A720505-20-20	1.1/4" - 11	1.1/4" - 11	114,0	52,0	41	50
A720505-24-24	1.1/2" - 11	1.1/2" - 11	132,0	59,0	50	55

If You wish to order a fitting/ ferrule/ adaptor in stainless, please add at the end of code .SS

A730404

UNION TEE BSP FIXED FEMALE

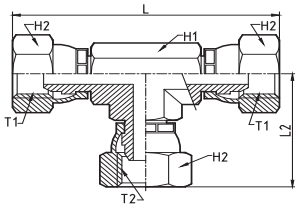


PART. REF.	THREADS	DIMENSIONS mm			
	T ₁ (BSPP)	L ₁	L ₂	D	H ₁
A730404-02-02	1/8" - 28	22,0	22,0	16,0	17
A730404-04-04	1/4" - 19	22,0	22,0	24,0	19
A730404-06-06	3/8" - 19	25,0	25,0	27,0	24
A730404-08-08	1/2" - 14	28,5	28,5	33,0	30
A730404-12-12	3/4" - 14	32,5	32,5	39,0	36
A730404-16-16	1" - 11	36,5	36,5	47,0	43
A730404-20-20	1.1/4" - 11	44,0	44,0	56,0	52
A730404-24-24	1.1/2" - 11	49,0	49,0	63,0	58

If You wish to order a fitting/ ferrule/ adaptor in stainless, please add at the end of code .SS

ADAPTORS

BSP ADAPTORS

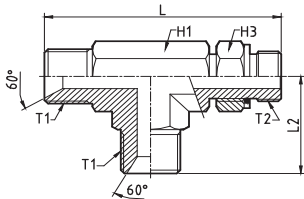


A730505

UNION TEE BSP FEMALE 60° CONE (ISO 228)

PART. REF.	THREADS		DIMENSIONS mm			
	T ₁ (BSPP)	T ₂ (BSPP)	L	L ₂	H ₁	H ₂
A730505-04-04	1/4" - 19	1/4" - 19	56,0	28,0	14	19
A730505-06-06	3/8" - 19	3/8" - 19	62,0	31,0	19	22
A730505-08-08	1/2" - 14	1/2" - 14	74,0	37,0	22	27
A730505-12-12	3/4" - 14	3/4" - 14	90,0	45,0	27	32
A730505-16-16	1" - 11	1" - 11	108,0	54,0	35	41
A730505-20-20	1.1/4" - 11	1.1/4" - 11	124,0	62,0	41	50
A730505-24-24	1.1/2" - 11	1.1/2" - 11	146,0	73,0	50	55

If You wish to order a fitting/ ferrule/ adaptor in stainless, please add at the end of code .SS



A760509

RUN TEE ADJUSTABLE BSP MALE 60° CONE SEAT (ISO 228)
BSP MALE O-RING BOSS TYPE (ISO 1179-3)

PART. REF.	THREADS		DIMENSIONS mm			
	T ₁ (BSPP)	T ₂ (BSPP)	L	L ₂	H ₁	H ₃
A760509-04-04	1/4" - 19	1/4" - 19	56,5	25,0	14	19
A760509-06-06	3/8" - 19	3/8" - 19	65,5	29,0	19	22
A760509-08-08	1/2" - 14	1/2" - 14	76,0	33,0	22	27
A760509-12-12	3/4" - 14	3/4" - 14	87,0	38,0	27	32
A760509-16-16	1" - 11	1" - 11	97,0	45,0	36	41
A760509-20-20	1.1/4" - 11	1.1/4" - 11	109,0	52,0	41	50
A760509-24-24	1.1/2" - 11	1.1/2" - 11	123,0	59,0	50	55

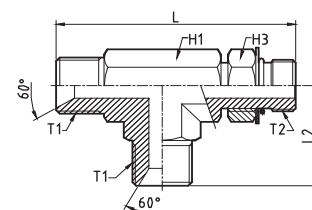
If You wish to order a fitting/ ferrule/ adaptor in stainless, please add at the end of code .SS

ADAPTORS

BSP ADAPTORS

A760531

RUN TEE ADJUSTABLE BSP MALE 60° CONE SEAT (ISO 228)
SAE MALE O-RING BOSS TYPE (SAE J1926)

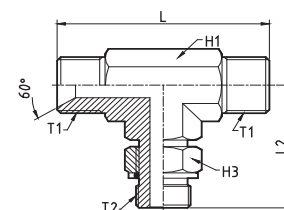


PART. REF.	THREADS		DIMENSIONS mm			
	T ₁ (BSPP)	T ₂ (UNF)	L	L ₂	H ₁	H ₃
A760531-04-04	1/4" - 19	7/16" - 20	51,0	25,0	14	16
A760531-06-06	3/8" - 19	9/16" - 18	63,5	29,0	19	19
A760531-08-08	1/2" - 14	3/4" - 16	72,5	33,0	22	24
A760531-08-10	1/2" - 14	7/8" - 14	76,0	33,0	22	27
A760531-12-10	3/4" - 14	7/8" - 14	83,5	38,0	27	27
A760531-12-12	3/4" - 14	1.1/16" - 12	87,0	38,0	27	32
A760531-16-16	1" - 11	1.5/16" - 12	97,0	45,0	36	38
A760531-20-20	1.1/4" - 11	1.5/8" - 12	109,0	52,0	41	50
A760531-24-24	1.1/2" - 11	1.7/8" - 12	123,0	59,0	50	55

If You wish to order a fitting/ ferrule/ adaptor in stainless, please add at the end of code .SS

A780509

BRANCH TEE ADJUSTABLE BSP MALE 60° CONE SEAT (ISO 228)
BSP MALE O-RING BOSS TYPE (ISO 1179-3)

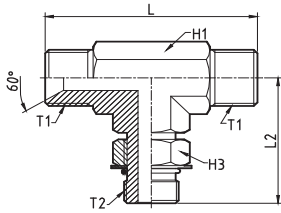


PART. REF.	THREADS		DIMENSIONS mm			
	T ₁ (BSPP)	T ₂ (BSPP)	L	L ₂	H ₁	H ₃
A780509-04-04	1/4" - 19	1/4" - 19	50,0	31,5	14	19
A780509-06-06	3/8" - 19	3/8" - 19	58,0	36,5	19	22
A780509-08-08	1/2" - 14	1/2" - 14	66,0	43,0	22	27
A780509-12-12	3/4" - 14	3/4" - 14	76,0	49,0	27	32
A780509-16-16	1" - 11	1" - 11	90,0	52,0	36	41
A780509-20-20	1.1/4" - 11	1.1/4" - 11	104,0	57,0	41	50
A780509-24-24	1.1/2" - 11	1.1/2" - 11	118,0	64,0	50	55

If You wish to order a fitting/ ferrule/ adaptor in stainless, please add at the end of code .SS

ADAPTORS

BSP ADAPTORS



A780531

BRANCH TEE ADJUSTABLE BSP MALE 60° CONE SEAT (ISO 228)
SAE MALE O-RING BOSS TYPE (SAE J1926)

PART. REF.	THREADS		DIMENSIONS mm			
	T ₁ (BSPP)	T ₂ (UNF)	L	L ₂	H ₁	H ₃
A780531-04-04	1/4" - 19	7/16" - 20	50,0	26,0	14	16
A780531-06-06	3/8" - 19	9/16" - 18	58,0	34,5	19	19
A780531-08-08	1/2" - 14	3/4" - 16	66,0	39,5	22	24
A780531-08-10	1/2" - 14	7/8" - 14	66,0	43,0	22	27
A780531-12-10	3/4" - 14	7/8" - 14	76,0	45,5	27	27
A780531-12-12	3/4" - 14	1.1/16" - 12	76,0	49,0	27	32
A780531-16-16	1" - 11	1.5/16" - 12	90,0	52,0	36	38
A780531-20-20	1.1/4" - 11	1.5/8" - 12	104,0	57,0	41	50
A780531-24-24	1.1/2" - 11	1.7/8" - 12	118,0	64,0	50	55

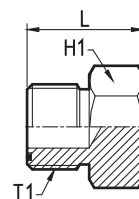
If You wish to order a fitting/ ferrule/ adaptor in stainless, please add at the end of code .SS

ADAPTORS

ORFS ADAPTORS

A402400

MALE PLUG ORFS (SAE J1453)

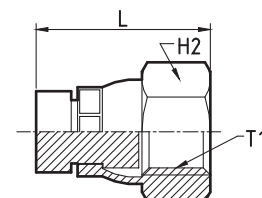


PART. REF.	THREADS	DIMENSIONS mm	
	T ₁ (UNF/S-UN)	L	H ₁
A402400-04	9/16" - 18	16,5	16
A402400-06	11/16" - 16	19,5	19
A402400-08	13/16" - 16	21,0	22
A402400-10	1" - 14	23,5	27
A402400-12	1.3/16" - 12	29,0	32
A402400-16	1.7/16" - 12	31,5	38
A402400-20	1.11/16" - 12	31,5	46
A402400-24	2" - 12	31,5	55

If You wish to order a fitting/ ferrule/ adaptor in stainless, please add at the end of code .SS

A412400

FEMALE PLUG ORFS (SAE J1453)

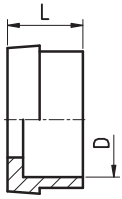


PART. REF.	THREADS	DIMENSIONS mm	
	T ₁ (UNF/S-UN)	L	H ₂
A412400-04	9/16" - 18	23,0	19
A412400-06	11/16" - 16	28,0	22
A412400-08	13/16" - 16	31,0	24
A412400-10	1" - 14	36,0	30
A412400-12	1.3/16" - 12	39,0	36
A412400-16	1.7/16" - 12	43,0	41
A412400-20	1.11/16" - 12	44,0	50
A412400-24	2" - 12	48,0	60

If You wish to order a fitting/ ferrule/ adaptor in stainless, please add at the end of code .SS

ADAPTORS

ORFS ADAPTORS

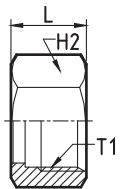


A422400

SLEEVE ORFS (SAE J1453)

PART. REF.	O.D. PIPE mm	THREADS	DIMENSIONS mm
	D	T ₁ (UNF/S-UN)	L
A422400-06-04	6	9/16" - 18	9,5
A422400-10-06	10	11/16" - 16	9,5
A422400-12-08	12	13/16" - 16	9,5
A422400-16-10	16	1" - 14	10,5
A422400-20-12	20	1.3/16" - 12	14,0
A422400-25-16	25	1.7/16" - 12	15,5
A422400-30-20	30	1.11/16" - 12	15,5
A422400-38-24	35	2" - 12	15,5

If You wish to order a fitting/ ferrule/ adaptor in stainless, please add at the end of code .SS



A432400

NUT ORFS (SAE J1453)

PART. REF.	O.D. PIPE mm	THREADS	DIMENSIONS mm	
		T ₁ (UNF/S-UN)	L	H ₂
A432400-06-04	6	9/16" - 18	14,5	17
A432400-10-06	10	11/16" - 16	17,0	22
A432400-12-08	12	13/16" - 16	21,0	24
A432400-16-10	16	1" - 14	23,5	30
A432400-20-12	20	1.3/16" - 12	26,0	36
A432400-25-16	25	1.7/16" - 12	27,0	41
A432400-30-20	30	1.11/16" - 12	28,0	50,
A432400-38-24	38	2" - 12	28,0	60

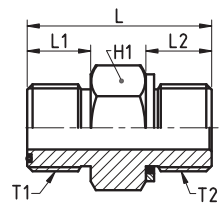
If You wish to order a fitting/ ferrule/ adaptor in stainless, please add at the end of code .SS

ADAPTORS

ORFS ADAPTORS

A502403

STRAIGHT ADAPTOR ORFS MALE (SAE J1453)
BSP OR BOSS MALE (ISO 1179)

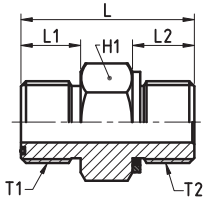


PART. REF.	THREADS		DIMENSIONS mm			
	T ₁ (UNF/S-UN)	T ₂ (BSPP)	L	L ₁	L ₂	H ₁
A502403-04-04	9/16" - 18	1/4" - 19	30,0	10,0	12,0	19
A502403-04-06	9/16" - 18	3/8" - 19	31,0	10,0	12,0	22
A502403-06-04	11/16" - 16	1/4" - 19	32,5	11,0	12,0	19
A502403-06-06	11/16" - 16	3/8" - 19	32,5	11,0	12,0	22
A502403-06-08	11/16" - 16	1/2" - 14	35,5	11,0	14,0	27
A502403-08-06	13/16" - 16	3/8" - 19	34,5	13,0	12,0	22
A502403-08-08	13/16" - 16	1/2" - 14	37,0	13,0	14,0	27
A502403-08-12	13/16" - 16	3/4" - 14	41,0	13,0	16,0	32
A502403-10-08	1" - 14	1/2" - 14	39,5	15,5	14,0	27
A502403-10-12	1" - 14	3/4" - 14	43,5	15,5	16,0	32
A502403-12-12	1.3/16" - 12	3/4" - 14	45,0	17,0	16,0	32
A502403-12-16	1.3/16" - 12	1" - 11	49,0	17,0	18,0	41
A502403-16-16	1.7/16" - 12	1" - 11	50,0	17,5	18,0	41
A502403-16-20	1.7/16" - 12	1.1/4" - 11	54,0	17,5	20,0	50
A502403-20-20	1.11/16" - 12	1.1/4" - 11	51,5	17,5	20,0	55
A502403-24-24	2" - 12	1.1/2" - 11	55,5	17,5	22,0	60

If You wish to order a fitting/ ferrule/ adaptor in stainless, please add at the end of code .S5

ADAPTORS

ORFS ADAPTORS



A502419

STRAIGHT ADAPTOR ORFS MALE (SAE J1453)
METRIC MALE (ISO 6149)

PART. REF.	THREADS		DIMENSIONS mm			
	T ₁ (UNF/S-UN)	T ₂ (METRIC)	L	L ₁	L ₂	H ₁
A502419-04-10	9/16" - 18	10 x 1	26,0	10,0	9,0	17
A502419-04-12	9/16" - 18	12 x 1,5	28,0	10,0	11,0	17
A502419-06-14	11/16" - 16	14 x 1,5	31,0	11,0	11,0	19
A502419-06-16	11/16" - 16	16 x 1,5	33,0	11,0	12,5	22
A502419-08-18	13/16" - 16	18 x 1,5	36,0	13,0	14,0	24
A502419-08-22	13/16" - 16	22 x 1,5	38,0	13,0	15,0	27
A502419-10-22	1" - 14	22 x 1,5	40,5	15,5	15,0	27
A502419-10-27	1" - 14	27 x 2	46,0	15,5	18,5	32
A502419-12-27	1.3/16" - 12	27 x 2	47,5	17,0	18,5	32
A502419-12-33	1.3/16" - 12	33 x 2	49,0	17,0	18,5	41
A502419-16-33	1.7/16" - 12	33 x 2	50,0	17,5	18,5	41
A502419-16-42	1.7/16" - 12	42 x 2	52,0	17,5	19,0	50
A502419-20-42	1.11/16" - 12	42 x 2	52,0	17,5	19,0	50
A502419-20-48	1.11/16" - 12	48 x 2	56,0	17,5	22,0	55
A502419-24-48	2" - 12	48 x 2	55,5	17,5	22,0	60

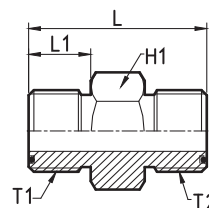
If You wish to order a fitting/ ferrule/ adaptor in stainless, please add at the end of code .SS

ADAPTORS

ORFS ADAPTORS

A502424

STRAIGHT ADAPTOR ORFS MALE (SAE J1453)



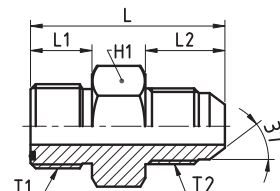
PART. REF.	THREADS		DIMENSIONS mm		
	T ₁ (UNF/S-UN)	T ₂ (UNF/S-UN)	L	L ₁	H ₁
A502424-04-04	9/16" - 18	9/16" - 18	27,5	10,0	16
A502424-06-06	11/16" - 16	11/16" - 16	31,0	11,0	19
A502424-08-08	13/16" - 16	13/16" - 16	35,5	13,0	22
A502424-08-10	1" - 14	13/16" - 16	37,0	15,5	22
A502424-10-10	1" - 14	1" - 14	42,5	15,5	27
A502424-10-12	1.3/16" - 12	1" - 14	44,0	17,0	32
A502424-12-12	1.3/16" - 12	1.3/16" - 12	47,0	17,0	32
A502424-12-16	1.7/16" - 12	1.3/16" - 12	48,0	17,5	38
A502424-16-16	1.7/16" - 12	1.7/16" - 12	49,0	17,5	38
A502424-16-20	1.11/16" - 12	1.7/16" - 12	50,0	17,5	50
A502424-20-20	1.11/16" - 12	1.11/16" - 12	51,5	17,5	46
A502424-24-24	2" - 12	2" - 12	53,0	17,5	55

If You wish to order a fitting/ ferrule/ adaptor in stainless, please add at the end of code .SS

A502425

STRAIGHT ADAPTOR ORFS MALE (SAE J1453)

JIC MALE 74° CONE (SAE J514)

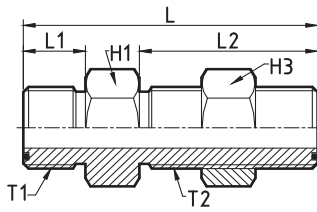


PART. REF.	THREADS		DIMENSIONS mm			
	T ₁ (UNF/S-UN)	T ₂ (UNF)	L	L ₁	L ₂	H ₁
A502425-04-04	9/16" - 18	7/16" - 20	32,5	10,0	15,0	17
A502425-06-06	11/16" - 16	9/16" - 18	35,5	11,0	16,0	19
A502425-08-08	13/16" - 16	3/4" - 16	40,5	13,0	18,0	22
A502425-10-10	1" - 14	7/8" - 14	47,0	15,5	21,0	27
A502425-12-12	1.3/16" - 12	1.1/16" - 12	52,5	17,0	24,0	32
A502425-16-16	1.7/16" - 12	1.5/16" - 12	56,0	17,5	25,0	41
A502425-20-20	1.11/16" - 12	1.5/8" - 12	60,0	17,5	28,0	46

If You wish to order a fitting/ ferrule/ adaptor in stainless, please add at the end of code .SS

ADAPTORS

ORFS ADAPTORS

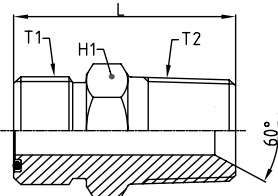


A502427

STRAIGHT BULKHEAD ADAPTOR ORFS MALE (SAE J1453)

PART. REF.	THREADS		DIMENSIONS mm				
	T ₁ (UNF/S-UN)	T ₂ (UNF/S-UN)	L	L ₁	L ₂	H ₁	H ₃
A502427-04-04	9/16" - 18	9/16" - 18	48,5	10,0	31,5	22	22
A502427-06-06	11/16" - 16	11/16" - 16	54,0	11,0	34,0	27	27
A502427-08-08	13/16" - 16	13/16" - 16	58,5	13,0	36,5	30	30
A502427-10-10	1" - 14	1" - 14	66,5	15,5	40,5	32	32
A502427-12-12	1.3/16" - 12	1.3/16" - 12	69,0	17,0	41,5	38	38
A502427-16-16	1.7/16" - 12	1.7/16" - 12	70,0	17,5	42,0	46	46
A502427-20-20	1.11/16" - 12	1.11/16" - 12	70,0	17,5	42,0	50	50
A502427-24-24	2" - 12	2" - 12	70,0	17,5	42,0	60	60

If You wish to order a fitting/ ferrule/ adaptor in stainless, please add at the end of code .SS



A502428

STRAIGHT ADAPTOR ORFS MALE (SAE J1453)
NPTF MALE 60° CONE SEAT (SAE J514)

PART. REF.	THREADS		DIMENSIONS mm	
	T ₁ (UNF/S-UN)	T ₂ (NPTF)	L	H ₁
A502428-04-04	9/16"-18	1/4"-18	32,0	16
A502428-04-06	9/16"-18	3/8"-18	32,0	19
A502428-06-04	11/16"-16	1/4"-18	34,0	19
A502428-06-06	11/16"-16	3/8"-18	34,0	19
A502428-06-08	11/16"-16	1/2"-14	39,4	24
A502428-08-06	13/16"-16	3/8"-18	36,8	22
A502428-08-08	13/16"-16	1/2"-14	41,7	22
A502428-10-08	1"-14	1/2"-14	46,2	27
A502428-12-12	1.3/16"-12	3/4"-14	49,3	32
A502428-16-16	1.7/16"-12	1"-11,5	55,6	38
A502428-20-20	1.11/16"-12	1.1/4"-11,5	58,4	46

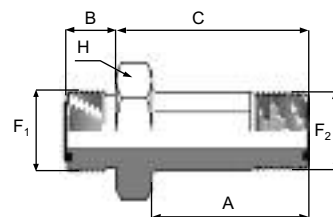
If You wish to order a fitting/ ferrule/ adaptor in stainless, please add at the end of code .SS

ADAPTORS

ORFS ADAPTORS

A502429

ORFS MALE - ORFS LONG TYPE MALE (SAE J1453)

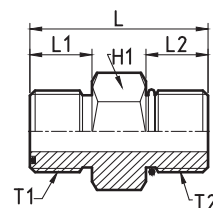


PART. REF.	THREADS		DIMENSIONS mm			
	F ₁ (UNF/S-UN)	F ₂ (UNF/S-UN)	A	B	C	H
A502429-04-04	9/16" - 18	9/16" - 18	48,0	10,0	31,5	22
A502429-06-06	11/16" - 16	11/16" - 16	53,0	11,0	34,0	27
A502429-08-08	13/16" - 16	13/16" - 16	58,0	13,0	36,5	30
A502429-10-10	1" - 14	1" - 14	66,5	15,5	40,5	32
A502429-12-12	1.3/16" - 12	1.3/16" - 12	69,0	17,0	41,5	38
A502429-16-16	1.7/16" - 12	1.7/16" - 12	70,0	17,5	42,0	46
A502429-20-20	1.11/16" - 12	1.11/16" - 12	70,0	17,5	42,0	50
A502429-24-24	2" - 12	2" - 12	70,0	17,5	42,0	55

If You wish to order a fitting/ ferrule/ adaptor in stainless, please add at the end of code .SS

A502430

STRAIGHT ADAPTOR ORFS MALE (SAE J1453)
SAE MALE O-RING BOSS TYPE (SAE J1926)

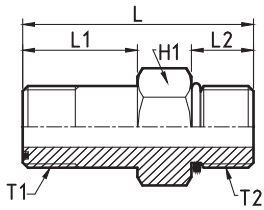


PART. REF.	THREADS		DIMENSIONS mm			
	T ₁ (UNF/S-UN)	T ₂ (UNF)	L	L ₁	L ₂	H ₁
A502430-04-04	9/16" - 18	7/16" - 20	28,5	10,0	9,5	16
A502430-04-06	9/16" - 18	9/16" - 18	30,5	10,0	12,0	19
A502430-06-06	11/16" - 16	9/16" - 18	32,0	11,0	10,0	19
A502430-06-08	11/16" - 16	3/4" - 16	35,0	11,0	14,0	22
A502430-08-06	13/16" - 16	9/16" - 18	37,5	13,0	12,0	22
A502430-08-08	13/16" - 16	3/4" - 16	36,5	13,0	11,5	22
A502430-08-10	13/16" - 16	7/8" - 14	40,5	13,0	16,0	22
A502430-10-08	1" - 14	3/4" - 16	45,0	15,5	14,0	27
A502430-10-10	1" - 14	7/8" - 14	43,0	15,5	13,0	27
A502430-12-12	1.3/16" - 12	1.1/16" - 12	48,5	17,0	15,5	32
A502430-12-16	1.3/16" - 12	1.5/16" - 12	50,0	17,0	18,5	38
A502430-16-12	1.7/16" - 12	1.1/16" - 12	54,0	17,5	18,0	38
A502430-16-16	1.7/16" - 12	1.5/16" - 12	50,5	17,5	15,5	38
A502430-16-20	1.7/16" - 12	1.5/8" - 12	52,0	17,5	18,5	50
A502430-20-20	1.11/16" - 12	1.5/8" - 12	52,5	17,5	15,5	50
A502430-24-24	2" - 12	1.7/8" - 12	54,0	17,5	15,5	55

If You wish to order a fitting/ ferrule/ adaptor in stainless, please add at the end of code .SS

ADAPTORS

ORFS ADAPTORS

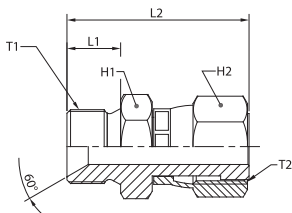


A502930

STRAIGHT ADAPTOR LONG ORFS MALE (SAE J1453)
SAE MALE O-RING BOSS TYPE (SAE J1926)

PART. REF.	THREADS		DIMENSIONS mm			
	T ₁ (UNF/S-UN)	T ₂ (UNF)	L	L ₁	L ₂	H ₁
A502930-04-04	9/16" - 18	7/16" - 20	52,5	34,0	9,5	16
A502930-06-06	11/16" - 16	9/16" - 18	57,5	37,0	10,0	19
A502930-08-08	13/16" - 16	3/4" - 16	68,0	44,5	11,5	22
A502930-10-10	1" - 14	7/8" - 14	79,0	52,5	13,0	27
A502930-12-12	1.3/16" - 12	1.1/16" - 12	95,5	64,0	15,5	32
A502930-16-16	1.7/16" - 12	1.5/16" - 12	105,0	73,0	15,5	38
A502930-20-20	1.11/16" - 12	1.5/8" - 12	121,0	86,5	15,5	46
A502930-24-24	2" - 12	1.7/8" - 12	133,5	97,0	15,5	55

If You wish to order a fitting/ ferrule/ adaptor in stainless, please add at the end of code .SS



A520524

BSP MALE 60° CONE SEAT DIN PROFILE (BS5200 / ISO 8434-6)
ORFS SWIVEL FEMALE (SAE J1453 / ISO 8434-3)

PART. REF.	THREADS		DIMENSIONS mm			
	T ₁ (BSPP)	T ₂ (UNF/S-UN)	L ₁	L ₂	H ₁	H ₂
A520524-04-04	1/4" - 19	9/16" - 18	11,0	34,5	19	17
A520524-06-06	3/8" - 19	11/16" - 16	12,0	39,0	22	22
A520524-06-08	3/8" - 19	13/16" - 16	12,0	42,5	22	24
A520524-08-06	1/2" - 14	11/16" - 16	14,0	41,5	27	22
A520524-08-08	1/2" - 14	13/16" - 16	14,0	44,5	27	24
A520524-08-10	1/2" - 14	1" - 14	14,0	50,5	27	30
A520524-12-12	3/4" - 14	1.3/16" - 12	16,0	56,5	32	36
A520524-16-16	1" - 11	1.7/16" - 12	19,0	62,0	41	41

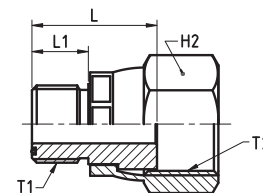
If You wish to order a fitting/ ferrule/ adaptor in stainless, please add at the end of code .SS

ADAPTORS

ORFS ADAPTORS

A522424

STRAIGHT ADAPTOR ORFS MALE ORFS SWIVEL FEMALE (SAE J1453)

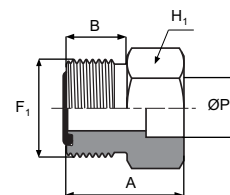


PART. REF.	THREADS		DIMENSIONS mm		
	T ₁ (UNF/S-UN)	T ₂ (UNF/S-UN)	L	L ₁	H ₂
A522424-04-06	9/16" - 18	11/16" - 16	20,0	10,0	22
A522424-04-08	9/16" - 18	13/16" - 16	22,0	10,0	24
A522424-06-08	11/16" - 16	13/16" - 16	23,0	11,0	24
A522424-06-10	11/16" - 16	1" - 14	24,0	11,0	30
A522424-08-10	13/16" - 16	1" - 14	25,5	13,0	30
A522424-08-12	13/16" - 16	1.3/16" - 12	27,5	13,0	36
A522424-10-12	1" - 14	1.3/16" - 12	29,5	15,5	36
A522424-10-16	1" - 14	1.7/16" - 12	32,0	15,5	41
A522424-12-16	1.3/16" - 12	1.7/16" - 12	33,0	17,0	41
A522424-12-20	1.3/16" - 12	1.11/16" - 12	33,5	17,0	50
A522424-16-20	1.7/16" - 12	1.11/16" - 12	34,0	17,5	50
A522424-20-24	1.11/16" - 12	2" - 12	34,0	17,5	60

If You wish to order a fitting/ ferrule/ adaptor in stainless, please add at the end of code .SS

A522495

ORFS MALE (SAE J1453) WITH BRAZING SOCKET



PART. REF.	THREADS	DIMENSIONS mm			
	F ₁ (UNF/S-UN)	A	B	ØP	H ₁
A522495-04-06	9/16" - 18	22,5	10,0	6,0	17
A522495-04-10	9/16" - 18	22,5	10,0	10,0	17
A522495-06-10	11/16" - 16	24,0	11,0	10,0	19
A522495-06-12	11/16" - 16	24,0	11,0	12,0	19
A522495-08-12	13/16" - 16	25,5	13,0	12,0	22
A522495-08-16	13/16" - 16	25,5	13,0	16,0	22
A522495-10-16	1" - 14	30,0	15,5	16,0	27
A522495-10-18	1" - 14	34,0	15,5	18,0	27
A522495-12-18	1.3/16" - 12	35,5	17,0	18,0	32
A522495-12-20	1.3/16" - 12	35,5	17,0	20,0	32
A522495-12-25	1.3/16" - 12	39,5	17,0	25,0	32
A522495-16-25	1.7/16" - 12	40,0	17,5	25,0	41
A522495-16-32	1.7/16" - 12	40,0	17,5	32,0	41
A522495-20-32	1.11/16" - 12	40,0	17,5	32,0	46
A522495-20-38	1.11/16" - 12	40,0	17,5	38,0	46
A522495-24-38	2" - 12	40,0	17,5	38,0	55

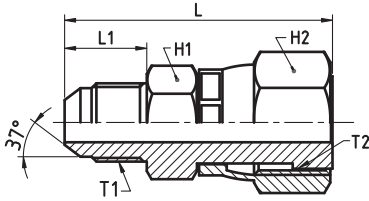
If You wish to order a fitting/ ferrule/ adaptor in stainless, please add at the end of code .SS

ADAPTORS

ORFS ADAPTORS

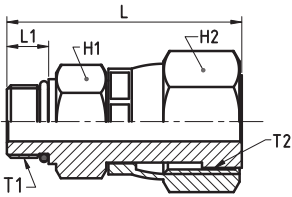
A522524

STRAIGHT ADAPTOR JIC MALE 74° CONE (SAE J514)
ORFS FEMALE (SAE J1453)



PART. REF.	THREADS		DIMENSIONS mm			
	T ₁ (UNF)	T ₂ (UNF/S-UN)	L	L ₁	H ₁	H ₂
A522524-04-04	7/16" - 20	9/16" - 18	39,0	15,0	17	19
A522524-06-06	9/16" - 18	11/16" - 16	43,0	16,0	22	22
A522524-08-08	3/4" - 16	13/16" - 16	48,5	18,0	24	24
A522524-10-10	7/8" - 14	1" - 14	57,0	21,0	30	30
A522524-12-12	1.1/16" - 12	1.3/16" - 12	63,0	24,0	36	36
A522524-16-16	1.5/16" - 12	1.7/16" - 12	67,0	25,0	41	41
A522524-20-20	1.5/8" - 12	1.11/16" - 12	73,0	28,0	50	50

If You wish to order a fitting/ ferrule/ adaptor in stainless, please add at the end of code .SS



A523024

STRAIGHT ADAPTOR SAE OR BOSS MALE (SAE J1926)
ORFS FEMALE (SAE J1453)

PART. REF.	THREADS		DIMENSIONS mm			
	T ₁ (UNF)	T ₂ (UNF/S-UN)	L	L ₁	H ₁	H ₂
A523024-04-04	7/16" - 20	9/16" - 18	33,0	9,5	17	19
A523024-06-06	9/16" - 18	11/16" - 16	36,0	10,0	19	22
A523024-08-08	3/4" - 16	13/16" - 16	41,0	11,5	22	24
A523024-10-10	7/8" - 14	1" - 14	47,5	13,0	27	30
A523024-12-12	1.1/16" - 12	1.3/16" - 12	54,0	15,5	32	36
A523024-16-16	1.5/16" - 12	1.7/16" - 12	56,0	15,5	41	41
A523024-20-20	1.5/8" - 12	1.11/16" - 12	60,0	15,5	46	50

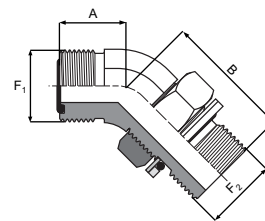
If You wish to order a fitting/ ferrule/ adaptor in stainless, please add at the end of code .SS

ADAPTORS

ORFS ADAPTORS

A532409

ORFS MALE (SAE J1453)
BSP MALE O'RING BOSS TYPE (ISO 1179-3), 45° ELBOW

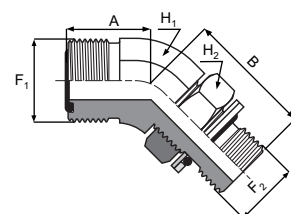


PART. REF.	THREADS	DIMENSIONS mm				
	F ₁ (UNF)	F ₂ (BSPP)	A	B	H ₁	H ₂
A532409-04-02	9/16" - 18	1/8" - 28	16,0	28,0	14	14
A532409-04-04	9/16" - 18	1/4" - 19	17,5	31,0	14	19
A532409-10-08	1" - 14	1/2" - 14	23,5	42,0	27	27
A532409-10-12	1" - 14	3/4" - 14	24,5	46,5	35	32
A532409-24-24	2" - 12	1.1/2" - 11	37,0	53,5	41	55

If You wish to order a fitting/ ferrule/ adaptor in stainless, please add at the end of code .SS

A532419

ORFS MALE (SAE J1453)
METRIC ADJUSTABLE MALE (ISO 6149), 45° ELBOW

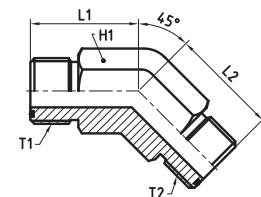


PART. REF.	THREADS	DIMENSIONS mm				
	F ₁ (UNF/S-UN)	F ₂ (METRIC)	A	B	H ₁	H ₂
A532419-04-12	9/16" - 18	M12x1,5	16,0	30,0	14	14
A532419-06-16	11/16" - 16	M16x1,5	19,0	33,0	19	19
A532419-08-18	13/16" - 16	M18x1,5	20,5	36,5	19	19
A532419-10-22	1" - 14	M22x1,5	23,5	45,0	27	27
A532419-24-48	2" - 12	M48x2,0	37,0	53,5	48	48

If You wish to order a fitting/ ferrule/ adaptor in stainless, please add at the end of code .SS

A532424

45° ELBOW ADAPTOR ORFS MALE (SAE J1453)

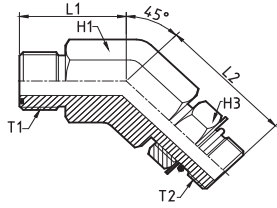


PART. REF.	THREADS	DIMENSIONS mm			
	T ₁ (UNF/S-UN)	T ₂ (UNF/S-UN)	L ₁	L ₂	H ₁
A532424-04-04	9/16" - 18	9/16" - 18	16,0	16,0	14
A532424-06-06	11/16" - 16	11/16" - 16	20,0	20,0	19
A532424-08-08	13/16" - 16	13/16" - 16	22,0	22,0	19
A532424-10-10	1" - 14	1" - 14	26,0	26,0	27
A532424-12-12	1.3/16" - 12	1.3/16" - 12	31,0	31,0	35
A532424-16-16	1.7/16" - 12	1.7/16" - 12	34,0	34,0	44
A532424-20-20	1.11/16" - 12	1.11/16" - 12	34,0	34,0	44

If You wish to order a fitting/ ferrule/ adaptor in stainless, please add at the end of code .SS

ADAPTORS

ORFS ADAPTORS

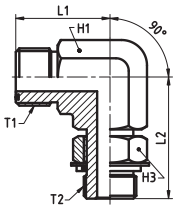


A532431

45° ELBOW ADJUSTABLE ADAPTOR ORFS MALE (SAE J1453)
SAE MALE O-RING BOSS TYPE (SAE J1926)

PART. REF.	THREADS		DIMENSIONS mm			
	T ₁ (UNF/S-UN)	T ₂ (UNF)	L ₁	L ₂	H ₁	H ₃
A532431-04-04	9/16" - 18	7/16" - 20	16,0	26,5	14	16
A532431-06-06	11/16" - 16	9/16" - 18	19,0	33,0	19	19
A532431-08-08	13/16" - 16	3/4" - 16	20,5	36,5	19	24
A532431-10-10	1" - 14	7/8" - 14	23,5	43,0	27	27
A532431-12-12	1.3/16" - 12	1.1/16" - 12	29,0	46,0	35	32
A532431-16-16	1.7/16" - 12	1.5/16" - 12	30,0	47,0	35	38
A532431-20-20	1.11/16" - 12	1.5/8" - 12	32,0	48,5	44	50

If You wish to order a fitting/ ferrule/ adaptor in stainless, please add at the end of code .SS



A562409

90° ELBOW ADJUSTABLE ADAPTOR ORFS MALE (SAE J1453)
BSP OR BOSS MALE (ISO 1179)

PART. REF.	THREADS		DIMENSIONS mm			
	T ₁ (UNF/S-UN)	T ₂ (BSPP)	L ₁	L ₂	H ₁	H ₃
A562409-04-04	9/16" - 18	1/4" - 19	21,5	32,0	14	19
A562409-04-06	9/16" - 18	3/8" - 19	23,5	36,5	19	22
A562409-06-04	11/16" - 16	1/4" - 19	25,0	32,0	19	19
A562409-06-06	11/16" - 16	3/8" - 19	25,0	36,5	19	22,
A562409-06-08	11/16" - 16	1/2" - 14	27,0	43,0	22	27
A562409-08-06	13/16" - 16	3/8" - 19	28,0	36,5	19	22
A562409-08-08	13/16" - 16	1/2" - 14	28,0	43,0	22	27
A562409-08-12	13/16" - 16	3/4" - 14	33,5	48,0	30	32
A562409-10-08	1" - 14	1/2" - 14	33,5	48,0	27	27
A562409-10-12	1" - 14	3/4" - 14	33,5	48,0	27	32
A562409-12-12	1.3/16" - 12	3/4" - 14	37,5	48,0	30	32
A562409-12-16	1.3/16" - 12	1" - 11	38,0	56,0	33	41
A562409-16-16	1.7/16" - 12	1" - 11	41,5	56,0	36	41
A562409-20-20	1.11/16" - 12	1.1/4" - 11	44,5	58,0	41	50

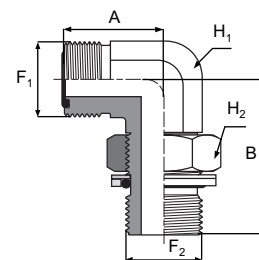
If You wish to order a fitting/ ferrule/ adaptor in stainless, please add at the end of code .SS

ADAPTORS

ORFS ADAPTORS

A562419

ORFS MALE (SAE J1453)
METRIC ADJUSTABLE MALE (ISO 6149-2), 90° ELBOW

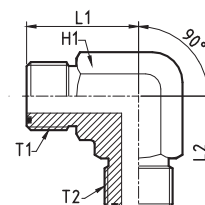


PART. REF.	THREADS		DIMENSIONS mm			
	F ₁ (UNF)	F ₂ (METRIC)	A	B	H ₁	H ₂
A562419-04-12	9/16" - 18	M12x1,5	21,5	32,5	14	19
A562419-06-16	11/16" - 16	M16x1,5	25,0	37,0	19	22
A562419-08-18	13/16" - 16	M18x1,5	28,0	40,5	19	27
A562419-10-22	1" - 14	M22x1,5	33,5	50,0	27	30
A562419-12-27	1.3/16" - 12	M27x2,0	37,5	55,0	32	36
A562419-16-33	1.7/16" - 12	M33x2,0	42,0	60,0	36	41
A562419-20-42	1.11/16" - 12	M42x2,0	45,0	62,0	41	55
A562419-24-48	2" - 12	M48x2,0	49,0	66,0	50	60

If You wish to order a fitting/ ferrule/ adaptor in stainless, please add at the end of code .SS

A562424

90° ELBOW ADAPTOR ORFS MALE (SAE J1453)

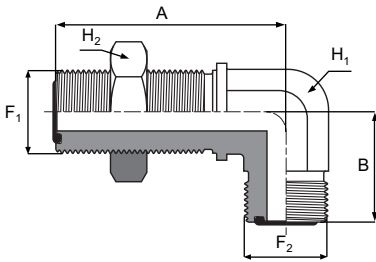


PART. REF.	THREADS		DIMENSIONS mm		
	T ₁ (UNF/S-UN)	T ₂ (UNF/S-UN)	L ₁	L ₂	H ₁
A562424-04-04	9/16" - 18	9/16" - 18	21,5	21,5	14
A562424-06-06	11/16" - 16	11/16" - 16	25,0	25,0	19
A562424-08-08	13/16" - 16	13/16" - 16	28,0	28,0	19
A562424-10-10	1" - 14	1" - 14	33,5	33,5	27
A562424-12-12	1.3/16" - 12	1.3/16" - 12	37,5	37,5	30
A562424-16-16	1.7/16" - 12	1.7/16" - 12	41,5	41,5	36
A562424-20-20	1.11/16" - 12	1.11/16" - 12	44,5	44,5	41
A562424-24-24	2" - 12	2" - 12	49,0	49,0	50

If You wish to order a fitting/ ferrule/ adaptor in stainless, please add at the end of code .SS

ADAPTORS

ORFS ADAPTORS

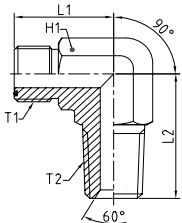


A562427

ORFS MALE (SAE J1453)
ORFS BULKHEAD MALE, 90° ELBOW

PART. REF.	THREADS		DIMENSIONS mm			
	F ₁ (UNF)	F ₂ (UNF/S-UN)	A	B	H ₁	H ₂
A562427-10-10	1" - 14	1" - 14	34,5	63,0	27	30
A562427-12-12	1.3/16" - 12	1.3/16" - 12	38,5	67,0	30	36
A562427-16-16	1.7/16" - 12	1.7/16" - 12	42,5	71,0	35	41
A562427-24-24	2" - 12	2" - 12	49,5	79,5	50	55

If You wish to order a fitting/ ferrule/ adaptor in stainless, please add at the end of code .SS



A562428

90° ELBOW ADAPTOR ORFS MALE (SAE J1453)
NPTF MALE 60° CONE SEAT (SAE J514)

PART. REF.	THREADS		DIMENSIONS mm				
	T1 (UNF/S-UN)	T2 (NPTF)	L1	L2	H1		
A562428-04-04	9/16"-18	1/4"-18	21,6	28,5	14		
A562428-04-06	9/16"-18	3/8"-18	23,4	31,0	19		
A562428-06-04	11/16"-16	1/4"-18	24,9	27,7	19		
A562428-06-06	11/16"-16	3/8"-18	24,9	31,0	19		
A562428-06-08	11/16"-16	1/2"-14	29,2	37,3	22		
A562428-08-06	13/16"-16	3/8"-18	27,9	31,0	19		
A562428-08-08	13/16"-16	1/2"-14	27,9	37,3	22		
A562428-10-08	1"-14	1/2"-14	33,3	37,3	27		
A562428-10-12	1"-14	3/4"-14	33,3	40,4	27		
A562428-12-12	1.3/16"-12	3/4"-14	37,3	40,4	30		
A562428-16-16	1.7/16"-12	1"-11,5	41,7	50,0	36		
A562428-20-20	1.11/16"-12	1.1/4"-11,5	44,7	60,5	41		

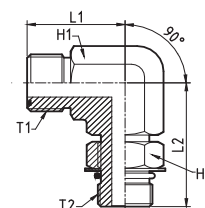
If You wish to order a fitting/ ferrule/ adaptor in stainless, please add at the end of code .SS

ADAPTORS

ORFS ADAPTORS

A562431

90° ELBOW ADJUSTABLE ADAPTOR ORFS MALE (SAE J1453)
SAE MALE O-RING BOSS TYPE (SAE J1926)

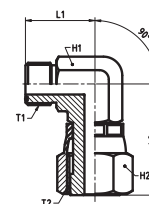


PART. REF.	THREADS		DIMENSIONS mm			
	T ₁ (UNF/S-UN)	T ₂ (UNF)	L ₁	L ₂	H ₁	H ₃
A562431-04-04	9/16" - 18	7/16" - 20	21,5	26,0	14	16
A562431-04-06	9/16" - 18	9/16" - 18	21,5	31,5	14	19
A562431-06-06	11/16" - 16	9/16" - 18	25,0	34,5	19	19
A562431-08-08	13/16" - 16	3/4" - 16	28,0	36,5	19	24
A562431-10-10	1" - 14	7/8" - 14	33,5	45,5	27	27
A562431-12-12	1.3/16" - 12	1.1/16" - 12	37,5	52,0	32	32
A562431-16-16	1.7/16" - 12	1.5/16" - 12	41,5	57,0	36	38
A562431-20-20	1.11/16" - 12	1.5/8" - 12	44,5	57,0	41	50

If You wish to order a fitting/ ferrule/ adaptor in stainless, please add at the end of code .SS

A582424

90° ELBOW ADAPTOR ORFS MALE-ORFS FEMALE (SAE J1453)

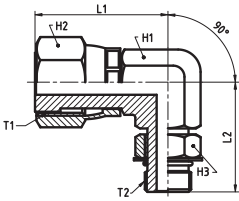


PART. REF.	THREADS		DIMENSIONS mm			
	T ₁ (UNF/S-UN)	T ₂ (UNF/S-UN)	L ₁	L ₂	H ₁	H ₂
A582424-04-04	9/16" - 18	9/16" - 18	21,5	26,5	14	19
A582424-06-06	11/16" - 16	11/16" - 16	25,0	29,0	19	22
A582424-08-08	13/16" - 16	13/16" - 16	28,0	38,0	19	24
A582424-10-10	1" - 14	1" - 14	33,5	41,0	27	30
A582424-12-12	1.3/16" - 12	1.3/16" - 12	37,5	46,5	30	36
A582424-16-16	1.7/16" - 12	1.7/16" - 12	41,5	53,5	35	41
A582424-20-20	1.11/16" - 12	1.11/16" - 12	44,5	58,0	41	50

If You wish to order a fitting/ ferrule/ adaptor in stainless, please add at the end of code .SS

ADAPTORS

ORFS ADAPTORS

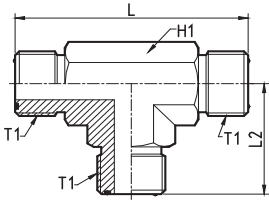


A583124

90° ELBOW ADJUSTABLE ADAPTOR ORFS FEMALE (SAE J1453)
SAE OR BOSS MALE (SAE J1926)

PART. REF.	THREADS		DIMENSIONS mm				
	T ₁ (UNF/S-UN)	T ₂ (UNF)	L ₁	L ₂	H ₁	H ₂	H ₃
A583124-04-04	9/16" - 18	7/16" - 20	26,5	30,0	14	19	16
A583124-06-06	11/16" - 16	9/16" - 18	29,0	37,0	19	22	19
A583124-08-08	13/16" - 16	3/4" - 16	34,0	40,5	19	24	24
A583124-10-10	1" - 14	7/8" - 14	41,0	47,0	27	30	27
A583124-12-12	1.3/16" - 12	1.1/16" - 12	46,5	52,0	32	36	32
A583124-16-16	1.7/16" - 12	1.5/16" - 12	51,0	57,0	36	41	38
A583124-20-20	1.11/16" - 12	1.5/8" - 12	58,0	62,0	41	50	50

If You wish to order a fitting/ ferrule/ adaptor in stainless, please add at the end of code .SS



A702424

UNION TEE ORFS MALE (SAE J1453)

PART. REF.	THREADS	DIMENSIONS mm		
	T ₁ (UNF/S-UN)	L	L ₂	H ₁
A702424-04-04	9/16" - 18	43,0	21,5	14
A702424-06-06	11/16" - 16	50,0	25,0	19
A702424-08-08	13/16" - 16	56,0	28,0	19
A702424-10-10	1" - 14	66,5	33,5	27
A702424-12-12	1.3/16" - 12	75,0	37,5	32
A702424-16-16	1.7/16" - 12	83,5	41,5	36
A702424-20-20	1.11/16" - 12	89,5	44,5	41
A702424-24-24	2" - 12	97,5	48,5	50

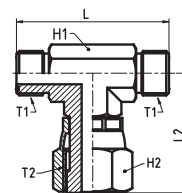
If You wish to order a fitting/ ferrule/ adaptor in stainless, please add at the end of code .SS

ADAPTORS

ORFS ADAPTORS

A712424

BRANCH TEE ORFS MALE
ORFS FEMALE (SAE J1453)

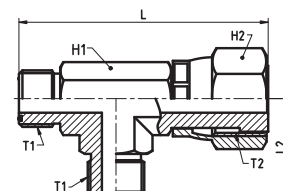


PART. REF.	THREADS		DIMENSIONS mm			
	T ₁ (UNF/S-UN)	T ₂ (UNF/S-UN)	L	L ₂	H ₁	H ₂
A712424-04-04	9/16" -18	9/16" -18	43,0	26,5	14	19
A712424-06-06	11/16" -16	11/16" -16	50,0	29,0	19	22
A712424-08-08	13/16" -16	13/16" -16	56,0	38,0	19	24
A712424-10-10	1" -14	1" -14	67,0	41,0	27	30
A712424-12-12	1.3/16" -12	1.3/16" -12	75,0	46,5	27	36
A712424-16-16	1.7/16" -12	1.7/16" -12	83,0	53,5	36	41
A712424-20-20	1.11/16" -12	1.11/16" -12	89,0	58,0	41	50

If You wish to order a fitting/ ferrule/ adaptor in stainless, please add at the end of code .SS

A722424

RUN TEE ORFS MALE
ORFS FEMALE (SAE J1453)

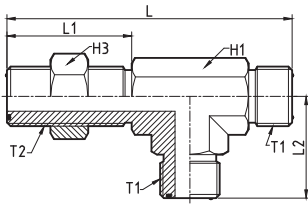


PART. REF.	THREADS		DIMENSIONS mm			
	T ₁ (UNF/S-UN)	T ₂ (UNF/S-UN)	L	L ₂	H ₁	H ₂
A722424-04-04	9/16" - 18	9/16" - 18	48,0	21,5	14	19
A722424-06-06	11/16" - 16	11/16" - 16	54,0	25,0	19	22
A722424-08-08	13/16" - 16	13/16" - 16	66,0	28,0	19	24
A722424-10-10	1" - 14	1" - 14	74,5	33,5	27	30
A722424-12-12	1.3/16" - 12	1.3/16" - 12	84,0	37,5	27	36
A722424-16-16	1.7/16" - 12	1.7/16" - 12	95,0	41,5	36	41
A722424-20-20	1.11/16" - 12	1.11/16" - 12	102,5	44,5	41	50

If You wish to order a fitting/ ferrule/ adaptor in stainless, please add at the end of code .SS

ADAPTORS

ORFS ADAPTORS

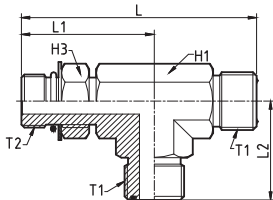


A762427

RUN TEE BULKHEAD ORFS MALE (SAE J1453)

PART. REF.	THREADS		DIMENSIONS mm				
	T ₁ (UNF/S-UN)	T ₂ (UNF/S-UN)	L	L ₁	L ₂	H ₁	H ₃
A762427-04-04	9/16" - 18	9/16" - 18	69,0	47,0	22,5	14	22
A762427-06-06	11/16" - 16	11/16" - 16	78,0	52,0	26,0	19	27
A762427-08-08	13/16" - 16	13/16" - 16	84,5	55,5	29,0	19	30
A762427-10-10	1" - 14	1" - 14	97,5	63,0	34,5	27	35
A762427-12-12	1.3/16" - 12	1.3/16" - 12	110,0	67,5	38,5	32	38
A762427-16-16	1.7/16" - 12	1.7/16" - 12	113,5	71,0	42,5	36	46
A762427-20-20	1.11/16" - 12	1.11/16" - 12	120,5	75,5	45,5	41	50

If You wish to order a fitting/ ferrule/ adaptor in stainless, please add at the end of code .SS



A762431

RUN TEE ADJUSTABLE ORFS MALE (SAE J1453)
SAE MALE O-RING BOSS TYPE (SAE J1926)

PART. REF.	THREADS		DIMENSIONS mm				
	T ₁ (UNF/S-UN)	T ₂ (UNF)	L	L ₁	L ₂	H ₁	H ₃
A762431-04-04	9/16" - 18	7/16" - 20	48,0	26,5	21,5	14	16
A762431-06-06	11/16" - 16	9/16" - 18	59,5	34,5	25,0	19	19
A762431-08-08	13/16" - 16	3/4" - 16	64,5	36,5	28,0	19	24
A762431-10-10	1" - 14	7/8" - 14	79,0	45,5	33,5	27	27
A762431-12-12	1.3/16" - 12	1.1/16" - 12	89,5	52,0	37,5	27	32
A762431-16-16	1.7/16" - 12	1.5/16" - 12	98,5	57,0	41,5	36	38
A762431-20-20	1.11/16" - 12	1.5/8" - 12	105,5	61,0	44,5	41	50

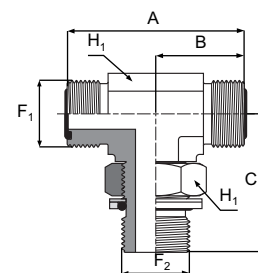
If You wish to order a fitting/ ferrule/ adaptor in stainless, please add at the end of code .SS

ADAPTORS

ORFS ADAPTORS

A782409

BRANCH TEE ORFS MALE (SAE J1453)
BSP MALE O'RING BOSS TYPE (ISO1179-3)

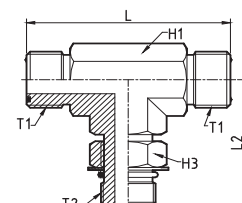


PART. REF.	THREADS		DIMENSIONS mm				
	F ₁ (UNF/S-UN)	F ₂ (BSP)	A	B	C	H ₁	H ₂
A782409-04-04	9/16" - 18	1/4" - 19	47,0	23,5	35,0	14	19
A782409-06-04	11/16" - 16	1/4" - 19	50,0	25,0	36,0	19	19
A782409-06-06	11/16" - 16	3/8" - 19	53,0	26,5	38,0	19	22
A782409-08-06	13/16" - 16	3/8" - 19	56,0	28,0	38,0	19	22
A782409-08-08	13/16" - 16	1/2" - 14	62,0	31,0	48,0	19	27
A782409-10-08	1" - 14	1/2" - 14	67,0	33,5	48,0	27	27
A782409-10-12	1" - 14	3/4" - 14	72,0	36,0	51,5	27	32
A782409-12-12	1.3/16" - 12	3/4" - 14	75,0	37,5	51,5	32	32
A782409-16-16	1.7/16" - 12	1" - 11	84,0	42,0	58,0	36	41

If You wish to order a fitting/ ferrule/ adaptor in stainless, please add at the end of code .SS

A782431

BRANCH TEE ADJUSTABLE ORFS MALE (SAE J1453)
SAE MALE O-RING BOSS TYPE (SAE J1926)

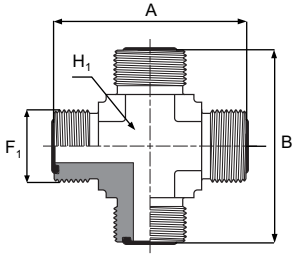


PART. REF.	THREADS		DIMENSIONS mm			
	T ₁ (UNF/S-UN)	T ₂ (UNF)	L	L ₂	H ₁	H ₃
A782431-04-04	9/16" - 18	7/16" - 20	43,0	26,0	14	16
A782431-06-06	11/16" - 16	9/16" - 18	50,0	34,5	19	19
A782431-08-08	13/16" - 16	3/4" - 16	56,0	36,5	19	24
A782431-10-10	1" - 14	7/8" - 14	66,5	45,5	27	27
A782431-12-12	1.3/16" - 12	1.1/16" - 12	75,0	52,0	36	32
A782431-16-16	1.7/16" - 12	1.5/16" - 12	83,5	57,0	36	38
A782431-20-20	1.11/16" - 12	1.5/8" - 12	89,5	61,0	41	50

If You wish to order a fitting/ ferrule/ adaptor in stainless, please add at the end of code .SS

ADAPTORS

ORFS ADAPTORS



A902424

EQUAL CROSS ORFS MALE (SAE J1453)

PART. REF.	THREADS	DIMENSIONS mm		
	F ₁ (UNF/S-UN)	A	B	H ₁
A902424-04-04	9/16" - 18	43,0	21,5	14
A902424-06-06	11/16" - 16	50,0	25,0	19
A902424-08-08	13/16" - 16	56,0	28,0	19
A902424-10-10	1" - 14	67,0	33,5	27
A902424-12-12	1.3/16" - 12	75,0	37,5	32
A902424-16-16	1.7/16" - 12	84,0	42,0	36
A902424-20-20	1.11/16" - 12	90,0	45,0	41
A902424-24-24	2" - 12	98,0	49,0	50

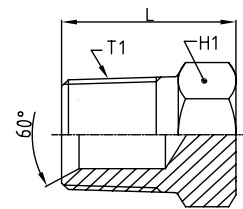
If You wish to order a fitting/ ferrule/ adaptor in stainless, please add at the end of code .SS

ADAPTORS

NPTF - NPSM ADAPTORS

A402800

MALE PLUG NPTF 60° CONE SEAT (SAE J514)

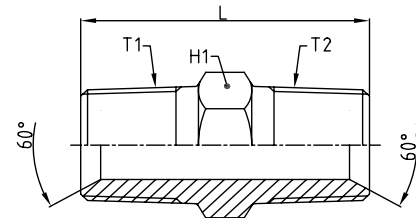


PART. REF.	THREADS	DIMENSIONS mm				
	T1 (NPTF)	L	H1			
A402800-02	1/8"-27	15,2	11			
A402800-04	1/4"-18	21,6	16			
A402800-06	3/8"-18	21,6	19			
A402800-08	1/2"-14	27,9	22			
A402800-12	3/4"-14	29,7	27			
A402800-16	1"-11,5	34,5	33			
A402800-20	1.1/4"-11,5	37,3	44			
A402800-24	1.1/2"-11,5	39,9	50			

If You wish to order a fitting/ ferrule/ adaptor in stainless, please add at the end of code .SS

A502828

STRAIGHT ADAPTOR NPTF MALE 60° CONE SEAT (SAE J514)

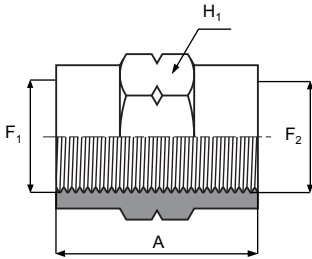


PART. REF.	THREADS	DIMENSIONS mm				
	T1 (NPTF)	T2 (NPTF)	L	H1		
A502828-02-02	1/8"-27	1/8"-27	26,9	11		
A502828-02-04	1/8"-27	1/4"-18	32,0	16		
A502828-04-04	1/4"-18	1/4"-18	36,8	16		
A502828-04-06	1/4"-18	3/8"-18	36,8	19		
A502828-06-06	3/8"-18	3/8"-18	36,8	19		
A502828-06-08	3/8"-18	1/2"-14	43,2	22		
A502828-08-08	1/2"-14	1/2"-14	48,0	22		
A502828-08-12	1/2"-14	3/4"-14	49,8	27		
A502828-12-12	3/4"-14	3/4"-14	49,8	27		
A502828-12-16	3/4"-14	1"-11,5	54,5	35		
A502828-16-16	1"-11.1/2	1"-11,5	59,4	35		
A502828-20-20	1.1/4"-11.1/2	1.1/4"-11,5	63,0	44		
A502828-24-24	1.1/2"-11.1/2	1.1/2"-11,5	66,3	50		

If You wish to order a fitting/ ferrule/ adaptor in stainless, please add at the end of code .SS

ADAPTORS

NPTF - NPSM ADAPTORS

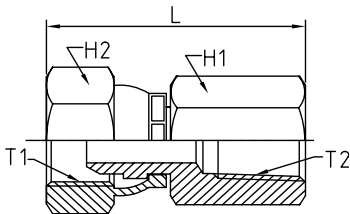


A512828

NPTF FIXED FEMALE (SAE J476A)

PART. REF.	THREADS		DIMENSIONS mm	
	F ₁ (NPTF)	F ₂ (NPTF)	A	H ₁
A512828-02-02	1/8" - 27	1/8" - 27	20,0	14
A512828-02-04	1/4" - 18	1/8" - 27	30,0	14
A512828-04-04	1/4" - 18	1/4" - 18	30,0	19
A512828-04-06	3/8" - 18	1/4" - 18	30,0	19
A512828-06-06	3/8" - 18	3/8" - 18	30,0	24
A512828-06-08	1/2" - 14	3/8" - 18	38,0	24
A512828-08-08	1/2" - 14	1/2" - 14	38,0	27
A512828-12-12	3/4" - 14	3/4" - 14	40,0	36
A512828-16-16	1" - 11 1/2	1" - 11 1/2	48,0	41
A512828-20-20	1.1/4" - 11 1/2	1.1/4" - 11 1/2	60,0	50
A512828-24-24	1.1/2" - 11 1/2	1.1/2" - 11 1/2	60,0	60

If You wish to order a fitting/ ferrule/ adaptor in stainless, please add at the end of code .SS



A512834

STRAIGHT ADAPTOR NPSM SWIVEL FEMALE 60° CONE (SAE J514)
NPTF FIXED FEMALE (SAE J514)

PART. REF.	THREADS		DIMENSIONS mm				
	T ₁ (NPSM)	T ₂ (NPTF)	L	H ₁	H ₂		
A512834-04-04	1/4"-18	1/4"-18	36,0	19	19		
A512834-04-06	1/4"-18	3/8"-18	37,6	22	19		
A512834-06-06	3/8"-18	3/8"-18	38,1	22	22		
A512834-06-08	3/8"-18	1/2"-14	43,7	27	22		
A512834-08-08	1/2"-14	1/2"-14	46,7	27	27		
A512834-12-12	3/4"-14	3/4"-14	50,0	32	32		
A512834-16-16	1"-11,5	1"-11,5	59,7	38	38		
A512834-20-20	1.1/4"-11,5	1.1/4"-11,5	61,0	50	50		
A512834-24-24	1.1/2"-11,5	1.1/2"-11,5	64,0	54	54		

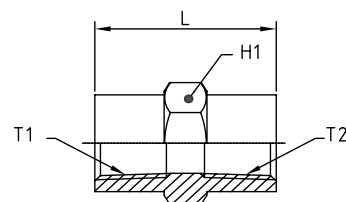
If You wish to order a fitting/ ferrule/ adaptor in stainless, please add at the end of code .SS

ADAPTORS

NPTF - NPSM ADAPTORS

A513434

STRAIGHT ADAPTOR NPTF FIXED FEMALE (SAE J514)

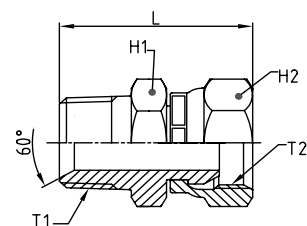


PART. REF.	THREADS	DIMENSIONS mm					
	T1 (NPTF)	T2 (NPTF)	L	H1			
A513434-02-02	1/8"-27	1/8"-27	19,0	16			
A513434-04-04	1/4"-18	1/4"-18	28,7	19			
A513434-06-06	3/8"-18	3/8"-18	28,7	22			
A513434-08-08	1/2"-14	1/2"-14	38,1	27			
A513434-12-12	3/4"-14	3/4"-14	38,9	35			
A513434-16-16	1"-11,5	1"-11,5	48,0	41			
A513434-20-20	1.1/4"-11,5	1.1/4"-11,5	49,0	50			
A513434-24-24	1.1/2"-11,5	1.1/2"-11,5	49,0	60			

If You wish to order a fitting/ ferrule/ adaptor in stainless, please add at the end of code .SS

A522828

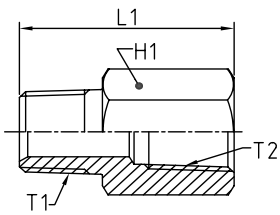
STRAIGHT ADAPTOR NPTF MALE 60° CONE SEAT (SAE J514)
NPSM SWIVEL FEMALE 60° CONE (SAE J514)



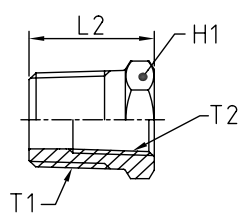
PART. REF.	THREADS	DIMENSIONS mm					
	T1 (NPTF)	T2 (NPSM)	L	H1	H2		
A522828-02-04	1/8"-27	1/4"-18	31,5	17	19		
A522828-04-04	1/4"-18	1/4"-18	36,0	17	19		
A522828-04-06	1/4"-18	3/8"-18	38,6	19	22		
A522828-06-04	3/8"-18	1/4"-18	37,9	19	19		
A522828-06-06	3/8"-18	3/8"-18	38,6	22	22		
A522828-08-06	1/2"-14	3/8"-18	45,0	22	22		
A522828-08-08	1/2"-14	1/2"-14	48,0	27	27		
A522828-08-12	1/2"-14	3/4"-14	53,1	32	32		
A522828-12-08	3/4"-14	1/2"-14	49,0	27	27		
A522828-12-12	3/4"-14	3/4"-14	53,3	32	32		
A522828-12-16	3/4"-14	1"-11,5	54,9	38	38		
A522828-16-12	1"-11,5	3/4"-14	58,2	38	32		
A522828-16-16	1"-11,5	1"-11,5	59,7	38	38		
A522828-20-20	1.1/4"-11,5	1.1/4"-11,5	64,0	44	50		
A522828-24-24	1.1/2"-11,5	1.1/2"-11,5	68,3	54	54		

If You wish to order a fitting/ ferrule/ adaptor in stainless, please add at the end of code .SS

INCREASE ADAPTOR



REDUCER BUSHING



A522834

INCREASE ADAPTOR / REDUCER BUSHING
NPTF MALE - NPTF FIXED FEMALE (SAE J514)

PART. REF.	THREADS		DIMENSIONS mm				
	T1 (NPTF)	T2 (NPTF)	L1	L2	H1		
A522834-02-04	1/8"-27	1/4"-18	30,7	-	19		
A522834-04-02	1/4"-18	1/8"-27	-	21,6	16		
A522834-04-06	1/4"-18	3/8"-18	36,6	-	22		
A522834-06-04	3/8"-18	1/4"-18	-	21,6	19		
A522834-06-08	3/8"-18	1/2"-14	42,7	-	27		
A522834-08-04	1/2"-14	1/4"-18	-	27,9	22		
A522834-08-06	1/2"-14	3/8"-18	-	27,9	22		
A522834-08-12	1/2"-14	3/4"-14	49,0	-	35		
A522834-12-06	3/4"-14	3/8"-18	-	29,7	27		
A522834-12-08	3/4"-14	1/2"-14	-	29,7	27		
A522834-12-16	3/4"-14	1"-11,5	55,4	-	41		
A522834-16-12	1"-11,5	3/4"-14	-	34,5	35		
A522834-16-20	1"-11,5	1.1/4"-11,5	62,5	-	50		
A522834-20-16	1.1/4"-11,5	1"-11,5	-	37,3	44		
A522834-20-24	1.1/4"-11,5	1.1/2"-11,5	63,5	-	60		
A522834-24-20	1.1/2"-11,5	1.1/4"-11,5	-	39,9	50		

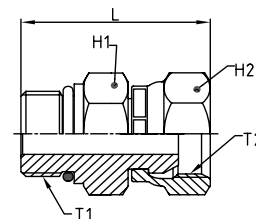
If You wish to order a fitting/ ferrule/ adaptor in stainless, please add at the end of code .SS

ADAPTORS

NPTF - NPSM ADAPTORS

A523028

STRAIGHT ADAPTOR SAE MALE O-RING BOSS TYPE (SAE J1926)
NPSM SWIVEL FEMALE 60° CONE (SAE J514)

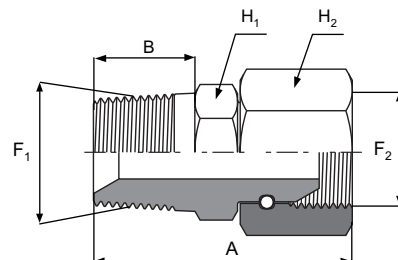


PART. REF.	THREADS	DIMENSIONS mm					
	T1 (UNF)	T2 (NPSM)	L	H1	H2		
A523028-04-04	7/16"-20	1/4"-18	33,0	14	19		
A523028-05-04	1/2"-20	1/4"-18	32,5	16	19		
A523028-06-04	9/16"-18	1/4"-18	33,8	19	19		
A523028-06-06	9/16"-18	3/8"-18	35,3	19	22		
A523028-08-06	3/4"-16	3/8"-18	36,8	22	22		
A523028-08-08	3/4"-16	1/2"-14	40,1	22	27		
A523028-08-12	3/4"-16	3/4"-14	44,7	27	32		
A523028-10-08	7/8"-14	1/2"-14	42,7	27	27		
A523028-10-12	7/8"-14	3/4"-14	46,5	27	32		
A523028-12-12	1.1/16"-12	3/4"-14	49,5	32	32		
A523028-16-16	1.5/16"-12	1"-11,5	52,3	38	38		

If You wish to order a fitting/ ferrule/ adaptor in stainless, please add at the end of code .SS

A523528

NPT MALE - NPSM SWIVEL FEMALE

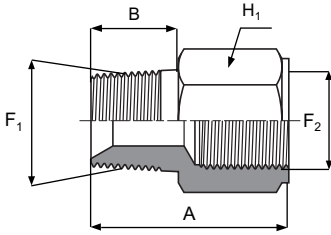


PART. REF.	THREADS	DIMENSIONS mm					
	F1 (NPT)	F2 (NPSM)	A	B	H1	H2	
A523528-12-08	3/4" - 14	1/2" - 14	49,0	19,0	21	23	
A523528-12-12	3/4" - 14	3/4" - 14	43,0	20,0	21	23	
A523528-12-16	3/4" - 14	1" - 11 1/2	46,0	20,0	38	41	
A523528-16-12	1" - 11 1/2	3/4" - 14	59,0	25,0	38	41	
A523528-16-16	1" - 11 1/2	1" - 11 1/2	48,0	24,0	34	47	
A523528-20-20	1.1/4" - 11 1/2	1.1/4" - 11 1/2	64,0	30,0	50	52	
A523528-24-24	1.1/2" - 11 1/2	1.1/2" - 11 1/2	73,5	34,0	55	58	

If You wish to order a fitting/ ferrule/ adaptor in stainless, please add at the end of code .SS

ADAPTORS

NPTF - NPSM ADAPTORS

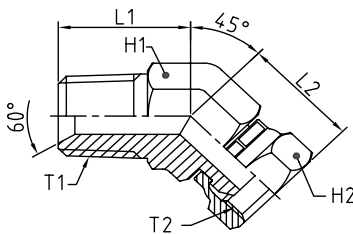


A523535

NPT MALE - NPT FEMALE

PART. REF.	THREADS		DIMENSIONS mm		
	F ₁ (NPT)	F ₂ (NPT)	A	B	H ₁
A523535-02-02	1/8" - 27	1/8" - 27	26,0	10,5	19
A523535-04-02	1/4" - 18	1/8" - 27	22,0	14,0	19
A523535-04-04	1/4" - 18	1/4" - 18	33,0	14,0	19
A523535-06-02	3/8" - 18	1/8" - 27	21,0	14,0	19
A523535-06-04	3/8" - 18	1/4" - 18	21,0	14,0	19
A523535-06-06	3/8" - 18	3/8" - 18	34,0	14,0	21
A523535-08-02	1/2" - 14	1/8" - 27	27,0	19,0	19
A523535-08-04	1/2" - 14	1/4" - 18	27,0	19,0	17
A523535-08-06	1/2" - 14	3/8" - 18	27,0	19,0	21
A523535-08-08	1/2" - 14	1/2" - 14	45,5	19,0	21
A523535-12-04	3/4" - 14	1/4" - 18	30,0	19,0	26
A523535-12-06	3/4" - 14	3/8" - 18	25,0	20,0	26

If You wish to order a fitting/ ferrule/ adaptor in stainless, please add at the end of code .SS



A552828

45° ELBOW ADAPTOR NPTF MALE 60° CONE SEAT (SAE J514)
NPSM SWIVEL FEMALE 60° CONE (SAE J514)

PART. REF.	THREADS		DIMENSIONS mm				
	T ₁ (NPTF)	T ₂ (NPSM)	L ₁	L ₂	H ₁	H ₂	
A552828-04-04	1/4"-18	1/4"-18	21,8	23,4	14	19	
A552828-06-06	3/8"-18	3/8"-18	24,1	25,9	19	22	
A552828-06-08	3/8"-18	1/2"-14	24,9	29,5	22	27	
A552828-08-08	1/2"-14	1/2"-14	29,7	29,5	22	27	
A552828-12-12	3/4"-14	3/4"-14	30,5	34,8	27	32	
A552828-16-16	1"-11,5	1"-11,5	37,6	38,1	33	38	
A552828-20-20	1.1/4"-11,5	1.1/4"-11,5	42,4	41,9	41	50	

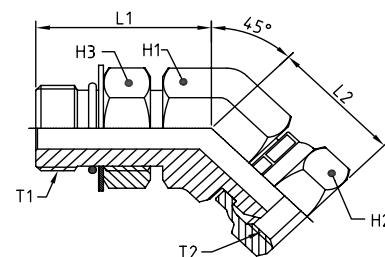
If You wish to order a fitting/ ferrule/ adaptor in stainless, please add at the end of code .SS

ADAPTORS

NPTF - NPSM ADAPTORS

A553128

45° ELBOW ADJUSTABLE ADAPTOR SAE MALE O-RING BOSS TYPE (SAE J1926) NPSM SWIVEL FEMALE 60° CONE (SAE J514)

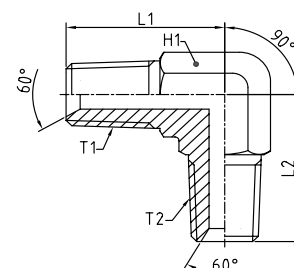


PART. REF.	THREADS		DIMENSIONS mm				
	T1 (UNF)	T2 (NPSM)	L1	L2	H1	H2	H3
A553128-04-06	7/16"-20	3/8"-18	27,4	26,4	19	22	16
A553128-08-06	3/4"-16	3/8"-18	33,0	27,2	19	22	22
A553128-08-08	3/4"-16	1/2"-14	33,0	29,7	19	27	22
A553128-08-12	3/4"-16	3/4"-14	36,0	34,8	27	32	22
A553128-10-08	7/8"-14	1/2"-14	38,6	29,5	22	27	27
A553128-12-12	1.1/16"-12	3/4"-14	43,9	34,8	27	32	32
A553128-16-16	1.5/16"-12	1"-11,5	47,2	38,1	33	38	38

If You wish to order a fitting/ ferrule/ adaptor in stainless, please add at the end of code .SS

A562828

90° ELBOW ADAPTOR NPTF MALE 60° CONE SEAT (SAE J514)

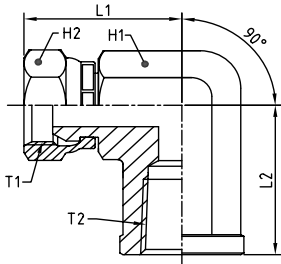


PART. REF.	THREADS		DIMENSIONS mm				
	T1 (NPTF)	T2 (NPTF)	L1	L2	H1		
A562828-02-02	1/8"-27	1/8"-27	19,8	19,8	11		
A562828-04-04	1/4"-18	1/4"-18	27,7	27,7	14		
A562828-04-06	1/4"-18	3/8"-18	31,0	31,0	19		
A562828-06-06	3/8"-18	3/8"-18	31,0	31,0	19		
A562828-06-08	3/8"-18	1/2"-14	32,5	37,3	22		
A562828-08-08	1/2"-14	1/2"-14	37,3	37,3	22		
A562828-12-12	3/4"-14	3/4"-14	40,4	40,4	27		
A562828-16-16	1"-11.1/2	1"-11.1/2	50,0	50,0	33		
A562828-20-20	1.1/4"-11.1/2	1.1/4"-11.1/2	60,5	60,5	41		

If You wish to order a fitting/ ferrule/ adaptor in stainless, please add at the end of code .SS

ADAPTORS

NPTF - NPSM ADAPTORS

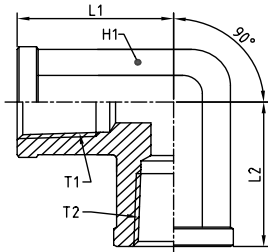


A572834

90° ELBOW ADAPTOR NPSM SWIVEL FEMALE 60° CONE (SAE J514)
NPTF FIXED FEMALE (SAE J514)

PART. REF.	THREADS		DIMENSIONS mm				
	T1 (NPSM)	T2 (NPTF)	L1	L2	H1	H2	
A572834-04-04	1/4"-18	1/4"-18	30,0	22,4	19	19	
A572834-06-06	3/8"-18	3/8"-18	32,3	25,9	22	22	
A572834-08-08	1/2"-14	1/2"-14	38,6	31,2	27	27	
A572834-12-12	3/4"-14	3/4"-14	46,2	34,5	33	32	
A572834-16-16	1"-11,5	1"-11,5	52,8	41,5	41	38	
A572834-20-20	1.1/4"-11,5	1.1/4"-11,5	57,2	43,2	48	50	
A572834-24-24	1.1/2"-11,5	1.1/2"-11,5	71,9	52,8	65	54	

If You wish to order a fitting/ ferrule/ adaptor in stainless, please add at the end of code .SS



A573434

90° ELBOW ADAPTOR NPTF FIXED FEMALE (SAE J514)

PART. REF.	THREADS		DIMENSIONS mm				
	T1 (NPTF)	T2 (NPTF)	L1	L2	H1		
A573434-02-02	1/8"-27	1/8"-27	16,8	16,8	14		
A573434-02-04	1/8"-27	1/4"-18	22,4	22,4	19		
A573434-04-04	1/4"-18	1/4"-18	22,4	22,4	19		
A573434-06-06	3/8"-18	3/8"-18	25,9	25,9	22		
A573434-06-08	3/8"-18	1/2"-14	31,2	31,2	27		
A573434-08-08	1/2"-14	1/2"-14	31,2	31,2	27		
A573434-12-12	3/4"-14	3/4"-14	34,5	34,5	33		
A573434-16-16	1"-11,5	1"-11,5	41,2	41,2	41		
A573434-20-20	1.1/4"-11,5	1.1/4"-11,5	43,2	43,2	48		
A573434-24-24	1.1/2"-11,5	1.1/2"-11,5	52,8	52,8	65		

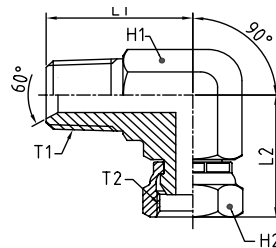
If You wish to order a fitting/ ferrule/ adaptor in stainless, please add at the end of code .SS

ADAPTORS

NPTF - NPSM ADAPTORS

A582828

90° ELBOW ADAPTOR NPTF MALE 60° CONE SEAT (SAE J514)
NPSM SWIVEL FEMALE 60° CONE (SAE J514)

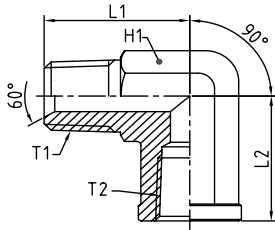


PART. REF.	THREADS		DIMENSIONS mm				
	T1 (NPTF)	T2 (NPSM)	L1	L2	H1	H2	
A582828-04-04	1/4"-18	1/4"-18	27,7	27,2	14	19	
A582828-04-06	1/4"-18	3/8"-18	31,0	30,5	19	22	
A582828-06-04	3/8"-18	1/4"-18	31,0	29,5	19	19	
A582828-06-06	3/8"-18	3/8"-18	31,0	30,5	19	22	
A582828-06-08	3/8"-18	1/2"-14	32,5	35,3	22	27	
A582828-08-06	1/2"-14	3/8"-18	37,3	31,8	22	22	
A582828-08-08	1/2"-14	1/2"-14	37,3	35,3	22	27	
A582828-12-12	3/4"-14	3/4"-14	40,4	41,9	27	32	
A582828-16-16	1"-11,5	1"-11,5	50,0	48,0	33	38	
A582828-20-20	1.1/4"-11,5	1.1/4"-11,5	60,5	54,6	41	50	
A582828-24-24	1.1/2"-11,5	1.1/2"-11,5	67,0	58,7	48	54	

If You wish to order a fitting/ ferrule/ adaptor in stainless, please add at the end of code .SS

ADAPTORS

NPTF - NPSM ADAPTORS



A582834

90° ELBOW ADAPTOR NPTF MALE 60° CONE SEAT (SAE J514)
NPTF FIXED FEMALE (SAE J514)

PART. REF.	THREADS		DIMENSIONS mm				
	T1 (NPTF)	T2 (NPTF)	L1	L2	H1		
A582834-02-02	1/8"-27	1/8"-27	19,8	16,8	14		
A582834-02-04	1/8"-27	1/4"-18	22,9	22,4	19		
A582834-04-02	1/4"-18	1/8"-27	27,7	17,0	14		
A582834-04-04	1/4"-18	1/4"-18	27,7	22,4	19		
A582834-04-06	1/4"-18	3/8"-18	31,0	25,9	22		
A582834-06-04	3/8"-18	1/4"-18	31,0	25,7	19		
A582834-06-06	3/8"-18	3/8"-18	31,0	25,9	22		
A582834-06-08	3/8"-18	1/2"-14	32,5	31,2	27		
A582834-08-06	1/2"-14	3/8"-18	37,3	25,9	22		
A582834-08-08	1/2"-14	1/2"-14	37,3	31,2	27		
A582834-12-12	3/4"-14	3/4"-14	40,4	34,5	33		
A582834-16-16	1"-11,5	1"-11,5	50,0	41,2	41		
A582834-20-20	1.1/4"-11,5	1.1/4"-11,5	60,5	43,2	48		
A582834-24-24	1.1/2"-11,5	1.1/2"-11,5	67,0	52,8	65		

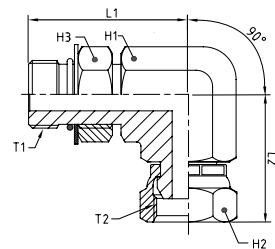
If You wish to order a fitting/ ferrule/ adaptor in stainless, please add at the end of code .SS

ADAPTORS

NPTF - NPSM ADAPTORS

A583128

90° ELBOW ADJUSTABLE ADAPTOR SAE MALE O-RING BOSS TYPE (SAE J1926) NPSM SWIVEL FEMALE 60° CONE (SAE J514)

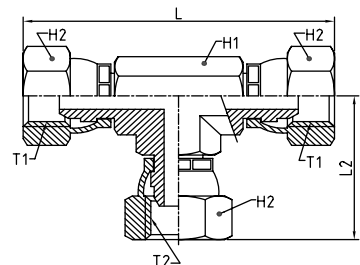


PART. REF.	THREADS		DIMENSIONS mm				
	T1 (UNF)	T2 (NPSM)	L1	L2	H1	H2	H3
A583128-04-04	7/16"-20	1/4"-18	26,2	24,9	11	19	16
A583128-06-04	9/16"-18	1/4"-18	31,8	27,2	14	19	19
A583128-06-06	9/16"-18	3/8"-18	31,8	28,2	14	22	19
A583128-08-06	3/4"-16	3/8"-18	36,8	30,5	19	22	22
A583128-08-08	3/4"-16	1/2"-14	36,8	33,5	19	27	22
A583128-08-12	3/4"-16	3/4"-14	41,2	41,9	27	32	22
A583128-10-08	7/8"-14	1/2"-14	43,2	35,3	22	27	27
A583128-10-12	7/8"-14	3/4"-14	45,2	41,2	27	32	27
A583128-12-12	1.1/16"-12	3/4"-14	49,3	41,9	27	32	32
A583128-16-16	1.5/16"-12	1"-11.1/2	52,0	48,0	33	38	38

If You wish to order a fitting/ ferrule/ adaptor in stainless, please add at the end of code .SS

A732828

UNION TEE NPSM SWIVEL FEMALE 60° CONE (SAE J514)

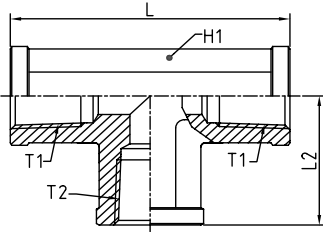


PART. REF.	THREADS		DIMENSIONS mm				
	T1 (NPSM)	T2 (NPSM)	L	L2	H1	H2	
A732828-04-04	1/4"-18	1/4"-18	54,4	27,2	14	19	
A732828-06-06	3/8"-18	3/8"-18	61,0	30,5	19	22	
A732828-08-08	1/2"-14	1/2"-14	70,6	35,3	22	27	
A732828-12-12	3/4"-14	3/4"-14	83,8	41,9	27	32	
A732828-16-16	1"-11,5	1"-11,5	96,0	48,0	33	38	
A732828-20-20	1.1/4"-11,5	1.1/4"-11,5	109,2	54,6	41	50	

If You wish to order a fitting/ ferrule/ adaptor in stainless, please add at the end of code .SS

ADAPTORS

NPTF - NPSM ADAPTORS

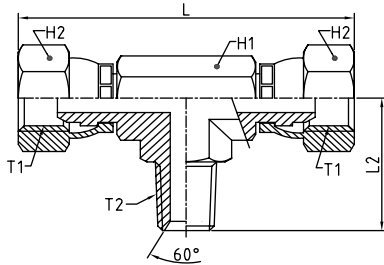


A733434

UNION TEE NPTF FIXED FEMALE (SAE J514)

PART. REF.	THREADS	DIMENSIONS mm					
	T1 (NPTF)	T2 (NPTF)	L	L2	H1		
A733434-02-02	1/8"-27	1/8"-27	33,5	16,8	14		
A733434-04-04	1/4"-18	1/4"-18	44,7	22,4	19		
A733434-06-06	3/8"-18	3/8"-18	51,8	25,9	22		
A733434-08-08	1/2"-14	1/2"-14	62,5	31,2	27		
A733434-12-12	3/4"-14	3/4"-14	69,0	34,5	33		
A733434-16-16	1"-11.1/2	1"-11.1/2	82,3	41,2	41		
A733434-20-20	1.1/4"-11.1/2	1.1/4"-11.1/2	86,4	43,2	48		
A733434-24-24	1.1/2"-11.1/2	1.1/2"-11.1/2	105,7	52,8	65		

If You wish to order a fitting/ ferrule/ adaptor in stainless, please add at the end of code .SS



A742828

BRANCH TEE NPSM SWIVEL FEMALE 60° CONE (SAE J514)
NPTF MALE 60° CONE SEAT (SAE J514)

PART. REF.	THREADS	DIMENSIONS mm					
	T1 (NPSM)	T2 (NPTF)	L	L2	H1	H2	
A742828-04-04	1/4"-18	1/4"-18	54,4	27,7	14	19	
A742828-06-06	3/8"-18	3/8"-18	61,0	31,0	19	22	
A742828-08-08	1/2"-14	1/2"-14	70,6	37,3	22	27	
A742828-12-12	3/4"-14	3/4"-14	83,8	40,4	27	32	
A742828-16-16	1"-11,5	1"-11,5	96,0	50,0	33	38	
A742828-20-20	1.1/4"-11,5	1.1/4"-11,5	109,2	60,5	41	50	

If You wish to order a fitting/ ferrule/ adaptor in stainless, please add at the end of code .SS

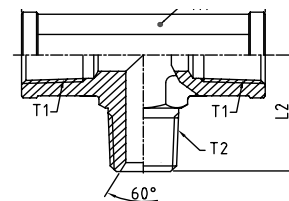
ADAPTORS

NPTF - NPSM ADAPTORS

A742834

BRANCH TEE NPTF FIXED FEMALE (SAE J514)

NPTF MALE 60° CONE SEAT (SAE J514)

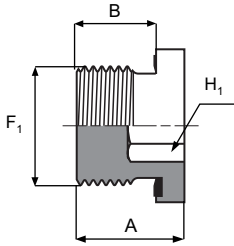


PART. REF.	THREADS		DIMENSIONS mm				
	T1 (NPTF)	T2 (NPTF)	L	L2	H1		
A742834-02-02	1/8"-27	1/8"-27	33,5	19,8	14		
A742834-04-04	1/4"-18	1/4"-18	44,7	27,7	19		
A742834-06-06	3/8"-18	3/8"-18	51,8	31,0	22		
A742834-08-08	1/2"-14	1/2"-14	62,5	37,3	27		
A742834-12-12	3/4"-14	3/4"-14	69,0	40,4	33		
A742834-16-16	1"-11,5	1"-11,5	82,3	50,0	41		

If You wish to order a fitting/ ferrule/ adaptor in stainless, please add at the end of code .SS

ADAPTORS

METRIC



A401900E

METRIC MALE PLUG WITH SHAPED SEAL AND HEXAGONAL SOCKET HEAD

PART. REF.	THREADS	DIMENSIONS mm		
	F ₁ (METR)	A	B	H ₁
A401900E-10	M10x1,0	12,0	8,0	5
A401900E-12	M12x1,5	17,0	12,0	6
A401900E-14	M14x1,5	17,0	12,0	6
A401900E-16	M16x1,5	17,0	12,0	8
A401900E-18	M18x1,5	17,0	12,0	8
A401900E-20	M20x1,5	19,0	14,0	10
A401900E-22	M22x1,5	19,0	14,0	10
A401900E-26	M26x1,5	21,0	16,0	12
A401900E-27	M27x2,0	21,0	16,0	12
A401900E-33	M33x2,0	22,5	16,0	17
A401900E-42	M42x2,0	22,5	16,0	22
A401900E-48	M48x2,0	22,0	16,0	24

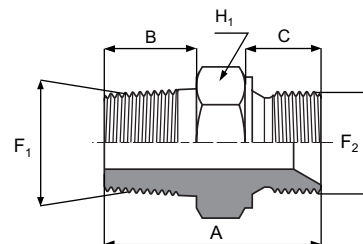
If You wish to order a fitting/ ferrule/ adaptor in stainless, please add at the end of code .SS

ADAPTORS

METRIC

A500710

BSP MALE TAPERED (ISO 7)
METRIC MALE, 60° CONE SUPERLIGHT TYPE

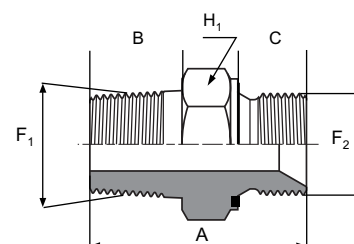


PART. REF.	THREADS		DIMENSIONS mm			
	F ₁ (BSPT)	F ₂ (METR)	A	B	C	H ₁
A500710-02-12	1/8" - 28	M12x1,5	28,0	10,0	10,0	14
A500710-02-14	1/8" - 28	M14x1,5	27,0	10,0	10,0	17
A500710-04-14	1/4" - 19	M14x1,5	30,0	14,0	10,0	19
A500710-04-16	1/4" - 19	M16x1,5	30,0	14,0	10,0	22
A500710-04-18	1/4" - 19	M18x1,5	32,0	14,0	10,0	22
A500710-04-22	1/4" - 19	M22x1,5	34,0	14,0	12,0	24
A500710-06-14	3/8" - 19	M14x1,5	36,0	15,0	12,0	19
A500710-06-16	3/8" - 19	M16x1,5	30,0	14,0	10,0	22
A500710-06-18	3/8" - 19	M18x1,5	31,0	14,0	10,0	22
A500710-06-22	3/8" - 19	M22x1,5	35,0	15,5	12,0	24
A500710-08-16	1/2" - 14	M16x1,5	40,0	19,0	10,0	22
A500710-08-18	1/2" - 14	M18x1,5	37,0	19,0	10,0	22
A500710-08-22	1/2" - 14	M22x1,5	39,0	19,0	12,0	24
A500710-08-26	1/2" - 14	M26x1,5	40,0	19,0	12,0	32
A500710-12-22	3/4" - 14	M22x1,5	43,0	19,0	14,0	33
A500710-12-26	3/4" - 14	M26x1,5	40,0	19,0	12,0	37
A500710-12-30	3/4" - 14	M30x1,5	41,0	19,0	12,0	37
A500710-16-30	1" - 11	M30x1,5	53,0	24,0	18,0	42

If You wish to order a fitting/ ferrule/ adaptor in stainless, please add at the end of code .SS

A500719

BSP MALE TAPERED (ISO 7)
METRIC MALE (ISO 6149-1)

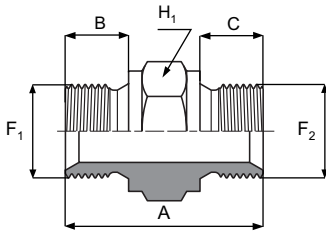


PART. REF.	THREADS		DIMENSIONS mm			
	F ₁ (BSPT)	F ₂ (METR)	A	B	C	H ₁
A500719-06-22	3/8" - 19	M22x1,5	39,0	15,0	15,0	27
A500719-08-22	1/2" - 14	M22x1,5	43,0	19,0	14,5	27

If You wish to order a fitting/ ferrule/ adaptor in stainless, please add at the end of code .SS

ADAPTORS

METRIC

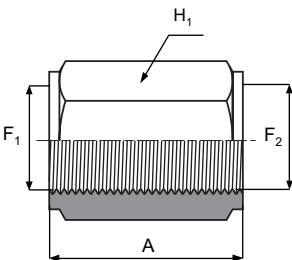


A501010

METRIC MALE, 60° CONE SEAT, DIN SUPERLIGHT TYPE

PART. REF.	THREADS		DIMENSIONS mm			
	F ₁ (METR)	F ₂ (METR)	A	B	C	H ₁
A501010-12-12	M12x1,5	M12x1,5	34,0	12,0	12,0	19
A501010-12-14	M12x1,5	M14x1,5	34,0	12,0	12,0	19
A501010-14-14	M14x1,5	M14x1,5	34,0	12,0	12,0	24
A501010-14-16	M14x1,5	M16x1,5	34,0	12,0	12,0	24
A501010-16-16	M16x1,5	M16x1,5	34,0	12,0	12,0	27
A501010-16-18	M16x1,5	M18x1,5	35,5	12,0	12,0	27
A501010-18-18	M18x1,5	M18x1,5	36,0	12,0	12,0	27
A501010-22-22	M22x1,5	M22x1,5	40,0	14,0	14,0	32
A501010-26-26	M26x1,5	M26x1,5	47,0	16,0	16,0	27
A501010-30-30	M30x1,5	M30x1,5	48,0	16,0	16,0	32
A501010-38-38	M38x1,5	M38x1,5	50,0	16,0	16,0	42
A501010-45-45	M45x1,5	M45x1,5	52,0	16,0	16,0	46
A501010-52-52	M52x1,5	M52x1,5	43,0	14,0	14,0	49
A501010-65-65	M65x2,0	M65x2,0	49,0	17,0	17,0	55

If You wish to order a fitting/ ferrule/ adaptor in stainless, please add at the end of code .SS



A511919

METRIC FEMALE (ISO 6149-1)

PART. REF.	THREADS		DIMENSIONS mm			
	F ₁ (METR)	F ₂ (METR)	A	H ₁		
A511919-22-22	M22x1,5	M22x1,5	38,0	27		

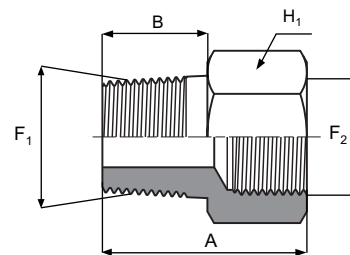
If You wish to order a fitting/ ferrule/ adaptor in stainless, please add at the end of code .SS

ADAPTORS

METRIC

A520714

BSP MALE TAPERED (ISO 7)
METRIC FIXED FEMALE

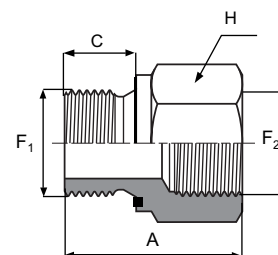


PART. REF.	THREADS		DIMENSIONS mm		
	F ₁ (BSPT)	F ₂ (METR)	A	B	H ₁
A520714-06-16	3/8" - 19	M16x1,5	30,0	15,0	21
A520714-06-22	3/8" - 19	M22x1,5	34,5	15,5	26
A520714-08-16	1/2" - 14	M16x1,5	22,5	15,5	22
A520714-08-22	1/2" - 14	M22x1,5	38,5	19,0	26

If You wish to order a fitting/ ferrule/ adaptor in stainless, please add at the end of code .SS

A521904

METRIC MALE (ISO 6149-2)
BSP FIXED FEMALE

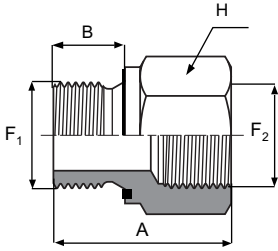


PART. REF.	THREADS		DIMENSIONS mm		
	F ₁ (METR)	F ₂ (BSP)	A	B	H ₁
A521904-16-04	M16x1,5	1/4" - 19	28,5	12,0	16
A521904-22-04	M22x1,5	1/4" - 19	21,0	12,0	19
A521904-16-06	M16x1,5	3/8" - 19	30,5	12,0	21
A521904-22-06	M22x1,5	3/8" - 19	22,0	13,0	26
A521904-16-08	M16x1,5	1/2" - 14	36,0	12,0	22
A521904-22-08	M22x1,5	1/2" - 14	36,0	14,0	26

If You wish to order a fitting/ ferrule/ adaptor in stainless, please add at the end of code .SS

ADAPTORS

METRIC

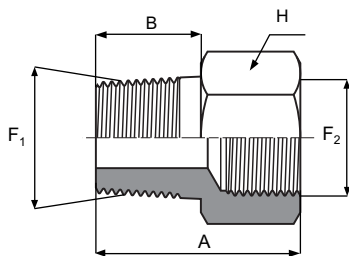


A521914

METRIC MALE (ISO 6149-2)
METRIC FIXED FEMALE (DIN 3852-1)

PART. REF.	THREADS		DIMENSIONS mm		
	F ₁ (METR)	F ₂ (METR)	A	B	H
A521914-16-22	M16x1,5	M22x1,5	31,5	12,0	26
A521914-22-16	M22x1,5	M16x1,5	21,0	12,0	21

If You wish to order a fitting/ ferrule/ adaptor in stainless, please add at the end of code .SS



A521935

METRIC MALE (ISO 6149)
NPT FEMALE

PART. REF.	THREADS		DIMENSIONS mm		
	F ₁ (NPT)	F ₂ (METR)	A	B	H
A521935-16-04	1/4" - 18	M16x1,5	31,0	12,0	21
A521935-22-04	1/4" - 18	M22x1,5	24,5	11,0	21
A521935-22-06	3/8" - 18	M22x1,5	24,5	11,0	26

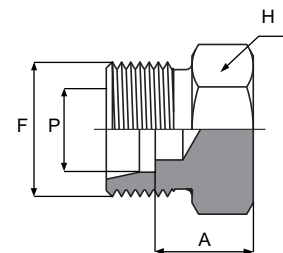
If You wish to order a fitting/ ferrule/ adaptor in stainless, please add at the end of code .SS

ADAPTORS

BRC

A401100

METRIC MALE PLUG, LIGHT TYPE (DIN 2353)

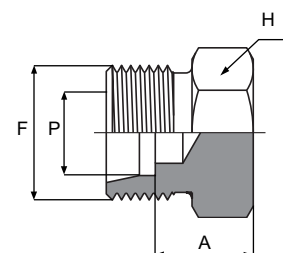


PART. REF.	THREADS	DIMENSIONS mm			
	F (METR)	W.P. (bar)	P	A	H
A401100-06	M12x1,5	315	6,0	7,0	12
A401100-08	M14x1,5	315	8,0	8,0	14
A401100-10	M16x1,5	315	10,0	9,0	17
A401100-12	M18x1,5	315	12,0	10,0	19
A401100-15	M22x1,5	315	15,0	11,0	24
A401100-18	M26x1,5	160	18,0	11,5	17
A401100-22	M30x2,0	160	22,0	13,5	32
A401100-28	M36x2,0	160	28,0	14,5	41
A401100-35	M45x2,0	160	35,0	14,5	46
A401100-42	M52x2,0	160	42,0	16,0	55

If You wish to order a fitting/ ferrule/ adaptor in stainless, please add at the end of code .SS

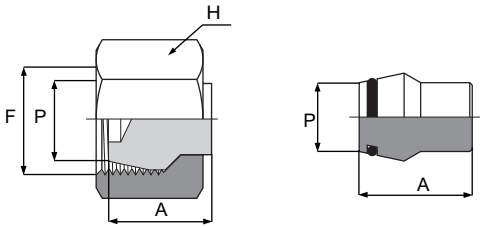
A401200

METRIC MALE PLUG, HEAVY TYPE (DIN 2353)



PART. REF.	THREADS	DIMENSIONS mm			
	F (METR)	W.P. (bar)	P	A	H
A401200-06	M14x1,5	630	6,0	11,0	14
A401200-08	M16x1,5	630	8,0	13,0	17
A401200-10	M18x1,5	630	10,0	12,5	19
A401200-12	M20x1,5	630	12,0	14,5	22
A401200-14	M22x1,5	630	14,0	16,0	24
A401200-16	M24x1,5	400	16,0	15,5	27
A401200-20	M30x2,0	400	20,0	17,5	32
A401200-25	M36x2,0	400	25,0	20,0	41
A401200-30	M42x2,0	400	30,0	20,5	46
A401200-38	M52x2,0	315	38,0	23,0	55

If You wish to order a fitting/ ferrule/ adaptor in stainless, please add at the end of code .SS

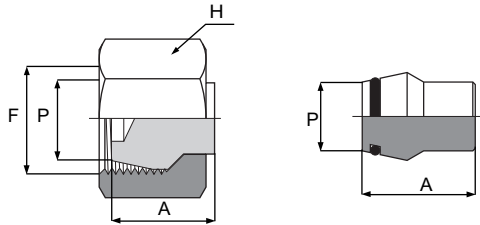


A411500

METRIC FEMALE PLUG, LIGHT TYPE (DIN 2353)

PART. REF.	THREADS	DIMENSIONS mm			
	F (METR)	W.P. (bar)	P	A	H
A41151600-06	M12x1,5	315	6,0	13,5	14
A41151600-08	M14x1,5	315	8,0	14,0	17
A41151600-10	M16x1,5	315	10,0	18,0	19
A41151600-12	M18x1,5	315	12,0	19,0	22
A411500-15-22	M22x1,5	315	15,0	19,0	27
A411500-18-26	M26x1,5	315	18,0	20,0	32
A411500-22-30	M30x2,0	160	22,0	20,5	36
A411500-28-36	M36x2,0	160	28,0	20,5	41
A411500-35-45	M45x2,0	160	35,0	20,5	50
A411500-42-52	M52x2,0	160	42,0	20,5	60

If You wish to order a fitting/ ferrule/ adaptor in stainless, please add at the end of code .SS



A411600

METRIC FEMALE PLUG, HEAVY TYPE (DIN 2353)

PART. REF.	THREADS	DIMENSIONS mm			
	F (METR)	W.P. (bar)	P	A	H
A41151600-06	M14x1,5	630	6,0	13,5	17
A41151600-08	M16x1,5	630	8,0	14,0	19
A41151600-10	M18x1,5	630	10,0	18,0	12
A41151600-12	M20x1,5	630	12,0	19,0	24
A411600-14-22	M22x1,5	630	14,0	19,0	27
A411600-16-24	M24x1,5	400	16,0	20,0	30
A411600-20-30	M30x2,0	400	20,0	20,0	36
A411600-25-36	M36x2,0	400	25,0	20,5	46
A411600-30-42	M42x2,0	400	30,0	20,5	50
A411600-38-52	M52x2,0	315	38,0	20,5	60

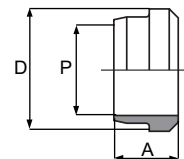
If You wish to order a fitting/ ferrule/ adaptor in stainless, please add at the end of code .SS

ADAPTORS

BRC

A421100

BITE RING, LIGHT TYPE (DIN 2353)

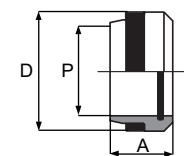


PART. REF.	WORKING PRESSURE	DIMENSIONS mm		
	W.P. (bar)	P	A	D
A421100-06-12	315	6,0	9,5	10,0
A421100-08-14	315	8,0	9,5	12,0
A421100-10-16	315	10,0	10,0	14,0
A421100-12-18	315	12,0	10,0	16,0
A421100-15-22	315	15,0	10,0	20,0
A421100-18-26	315	18,0	10,0	23,0
A421100-22-30	160	22,0	10,5	27,0
A421100-28-36	160	28,0	11,0	33,0
A421100-35-45	160	35,0	13,0	41,0
A421100-42-52	160	42,0	13,0	48,0

If You wish to order a fitting/ ferrule/ adaptor in stainless, please add at the end of code .SS

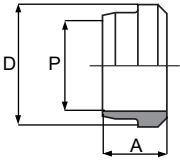
A421100B4

BITE RING B4, LIGHT TYPE (DIN 2353)



PART. REF.	WORKING PRESSURE	DIMENSIONS mm		
	W.P. (bar)	P	A	D
A421100-06-12B4	315	6,0	9,5	10,0
A421100-08-14B4	315	8,0	9,5	12,0
A421100-10-16B4	315	10,0	10,0	14,0
A421100-12-18B4	315	12,0	10,0	16,0
A421100-15-22B4	315	15,0	10,0	20,0
A421100-18-26B4	315	18,0	10,0	23,0
A421100-22-30B4	160	22,0	10,5	27,0
A421100-28-36B4	160	28,0	11,0	33,0
A421100-35-45B4	160	35,0	13,0	41,0
A421100-42-52B4	160	42,0	13,0	48,0

If You wish to order a fitting/ ferrule/ adaptor in stainless, please add at the end of code .SS

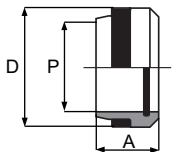


A421200

BITE RING, HEAVY TYPE (DIN 2353)

PART. REF.	WORKING PRESSURE	DIMENSIONS mm		
	W.P. (bar)	P	A	D
A421200-06-14	630	6,0	9,5	10,0
A421200-08-16	630	8,0	9,5	12,0
A421200-10-18	630	10,0	10,0	14,0
A421200-12-20	630	12,0	10,0	16,0
A421200-14-22	630	14,0	10,0	19,0
A421200-16-24	400	16,0	10,5	21,0
A421200-20-30	400	20,0	12,0	26,0
A421200-25-36	400	25,0	12,0	32,0
A421200-30-42	400	30,0	13,0	38,0
A421200-38-52	315	38,0	13,0	48,0

If You wish to order a fitting/ ferrule/ adaptor in stainless, please add at the end of code .SS



A421200B4

BITE RING B4, HEAVY TYPE (DIN 2353)

PART. REF.	WORKING PRESSURE	DIMENSIONS mm		
	W.P. (bar)	P	A	D
A421200-06-14B4	630	6,0	9,5	10,0
A421200-08-16B4	630	8,0	9,5	12,0
A421200-10-18B4	630	10,0	10,0	14,0
A421200-12-20B4	630	12,0	10,0	16,0
A421200-14-22B4	630	14,0	10,0	19,0
A421200-16-24B4	400	16,0	10,5	21,0
A421200-20-30B4	400	20,0	12,0	26,0
A421200-25-36B4	400	25,0	12,0	32,0
A421200-30-42B4	400	30,0	13,0	38,0
A421200-38-52B4	315	38,0	13,0	48,0

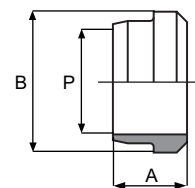
If You wish to order a fitting/ ferrule/ adaptor in stainless, please add at the end of code .SS

ADAPTORS

BRC

A421700

METRIC SLEEVE, FRENCH MILLIMETRIC TYPE

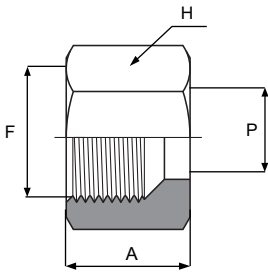


PART. REF.	WORKING PRESSURE	DIMENSIONS mm		
	W.P. (bar)	P	A	B
A421700-04-10	400	4,0	7,2	6,0
A421700-14-20	400	14,0	10,0	17,0
A421700-20-27	250	20,0	10,0	23,0
A421700-25-33	250	25,0	10,0	28,0
A421700-30-39	160	30,0	10,5	34,0
A421700-32-42	160	32,0	10,5	36,0
A421700-38-48	100	38,0	10,5	42,0

If You wish to order a fitting/ ferrule/ adaptor in stainless, please add at the end of code .SS

ADAPTORS

BRC

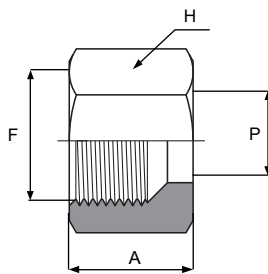


A431100

METRIC NUT, LIGHT TYPE (DIN 2353)

PART. REF.	THREADS	W.P.	DIMENSIONS mm		
	F (METR)	bar	P	A	H
A431100-06-12	M12x1,5	315	6,0	14,5	14
A431100-08-14	M14x1,5	315	8,0	14,5	17
A431100-10-16	M16x1,5	315	10,0	15,5	19
A431100-12-18	M18x1,5	315	12,0	15,5	22
A431100-15-22	M22x1,5	315	15,0	17,0	27
A431100-18-26	M26x1,5	315	18,0	18,0	32
A431100-22-30	M30x2,0	160	22,0	20,0	36
A431100-28-36	M36x2,0	160	28,0	21,0	41
A431100-35-45	M45x2,0	160	35,0	24,0	50
A431100-42-52	M52x2,0	160	42,0	24,0	60

If You wish to order a fitting/ ferrule/ adaptor in stainless, please add at the end of code .SS



A431200

METRIC NUT, HEAVY TYPE (DIN 2353)

PART. REF.	THREADS	W.P.	DIMENSIONS mm		
	F (METR)	bar	P	A	H
A431200-06-14	M14x1,5	630	6,0	16,5	17
A431200-08-16	M16x1,5	630	8,0	16,5	19
A431200-10-18	M18x1,5	630	10,0	17,5	22
A431200-12-20	M20x1,5	630	12,0	17,5	24
A431200-14-22	M22x1,5	630	14,0	20,,5	27
A431200-16-24	M24x1,5	400	16,0	20,5	30
A431200-20-30	M30x2,0	400	20,0	24,0	36
A431200-25-36	M36x2,0	400	25,0	27,0	46
A431200-30-42	M42x2,0	400	30,0	29,0	50
A431200-38-52	M52x2,0	315	38,0	32,5	60

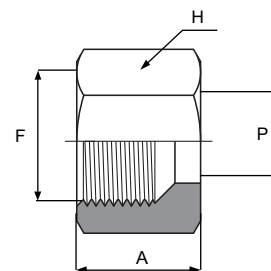
If You wish to order a fitting/ ferrule/ adaptor in stainless, please add at the end of code .SS

ADAPTORS

BRC

A431700

METRIC NUT, FRENCH MILLIMETRIC TYPE

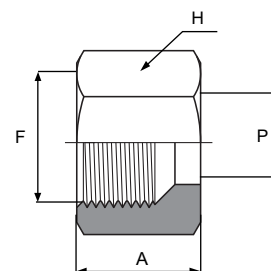


PART. REF.	THREADS	DIMENSIONS mm			W.P.
	F (METR)	P	A	H	bar
A431700-04-10	M10x1,0	4,0	12,0	12	400
A431700-06-12	M12x1,0	6,0	15,5	17	400
A431700-14-20	M20x1,5	14,0	17,0	27	400
A431700-18-27	M27x1,5	18,0	20,0	32	250
A431700-20-27	M27x1,5	20,0	24,5	36	250
A431700-25-33	M33x1,5	25,0	20,5	41	250
A431700-30-39	M39x1,5	30,0	21,5	46	160
A431700-32-42	M42x1,5	32,0	23,5	50	160
A431700-38-48	M48x1,5	38,0	24,5	60	160

If You wish to order a fitting/ ferrule/ adaptor in stainless, please add at the end of code .SS

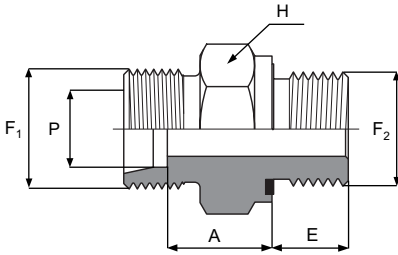
A431800

METRIC NUT, FRENCH GAZ TYPE



PART. REF.	THREADS	DIMENSIONS mm			W.P.
	F (METR)	P	A	H	bar
A431800-13-20H24	M20x1,5	13,25	17,0	24	400
A431800-13-20H27	M20x1,5	13,25	17,0	27	400
A431800-17-24	M24x1,5	16,75	18,0	30	400
A431800-21-30	M30x1,5	21,25	20,5	36	250
A431800-27-36	M36x1,5	26,75	21,5	46	250
A431800-33-45	M45x1,5	33,5	23,5	55	160
A431800-42-52	M52x1,5	42,25	24,5	65	100
A431800-49-58	M58x2,0	48,25	26,0	70	100

If You wish to order a fitting/ ferrule/ adaptor in stainless, please add at the end of code .SS



A501106

METRIC MALE LIGHT TYPE (DIN 2353)
BSP MALE O'RING

PART. REF.	THREADS	W.P.	DIMENSIONS mm				
	F1 (METR)	F2 (BSP)	bar	P	A	H	E
A501106-06-02	M12x1,5	1/8" - 28	315	6,0	8,5	14	8,0
A501106-08-02	M14x1,5	1/8" - 28	315	8,0	9,5	14	8,0
A501106-10-02	M16x1,5	1/8" - 28	315	10,0	10,5	17	8,0
A501106-06-04	M12x1,5	1/4" - 19	315	6,0	10,0	19	12,0
A501106-08-04	M14x1,5	1/4" - 19	315	8,0	10,0	19	12,0
A501106-10-04	M16x1,5	1/4" - 19	315	10,0	11,0	19	12,0
A501106-12-04	M18x1,5	1/4" - 19	315	12,0	12,0	19	12,0
A501106-06-06	M12x1,5	3/8" - 19	315	6,0	11,5	22	12,0
A501106-08-06	M14x1,5	3/8" - 19	315	8,0	11,5	22	12,0
A501106-10-06	M16x1,5	3/8" - 19	315	10,0	12,5	22	12,0
A501106-12-06	M18x1,5	3/8" - 19	315	12,0	12,5	22	12,0
A501106-15-06	M22x1,5	3/8" - 19	315	15,0	13,5	24	12,0
A501106-08-08	M14x1,5	1/2" - 14	315	8,0	12,0	27	4,0
A501106-10-08	M16x1,5	1/2" - 14	315	10,0	13,0	27	14,0
A501106-12-08	M18x1,5	1/2" - 14	315	12,0	13,0	27	14,0
A501106-15-08	M22x1,5	1/2" - 14	315	15,0	14,0	27	14,0
A501106-18-08	M26x1,5	1/2" - 14	315	18,0	14,5	27	14,0
A501106-22-08	M30x2,0	1/2" - 14	160	22,0	16,5	32	14,0
A501106-15-12	M22x1,5	3/4" - 14	315	15,0	15,0	32	16,0
A501106-18-12	M26x1,5	3/4" - 14	315	18,0	14,5	32	16,0
A501106-22-12	M30x2,0	3/4" - 14	160	22,0	16,5	32	16,0
A501106-22-16	M30x2,0	1" - 11	160	22,0	17,5	41	18,0
A501106-28-16	M36x2,0	1" - 11	160	28,0	17,5	41	18,0
A501106-35-16	M45x2,0	1" - 11	160	35,0	17,5	46	18,0
A501106-35-20	M45x2,0	1.1/4" - 11	160	35,0	17,5	50	20,0
A501106-42-24	M52x2,0	1.1/2" - 11	160	42,0	19,0	55	22,0

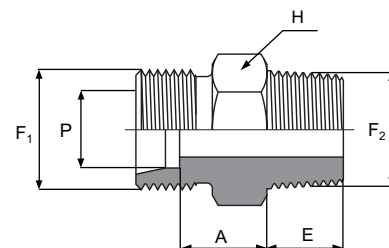
If You wish to order a fitting/ ferrule/ adaptor in stainless, please add at the end of code .SS

ADAPTORS

BRC

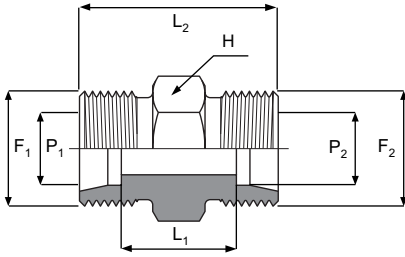
A501107

BSP MALE TAPERED (ISO 7)
METRIC MALE LIGHT TYPE (DIN 2353)



PART. REF.	THREADS		W.P.	DIMENSIONS mm			
	F ₁ (METR)	F ₂ (BSPT)	bar	P	A	H	E
A501107-06-02	M12x1,5	1/8" - 28	315	6,0	7,0	12	8,0
A501107-06-04	M12x1,5	1/4" - 19	315	6,0	8,0	14	12,0
A501107-08-04	M14x1,5	1/4" - 19	315	8,0	8,0	17	12,0
A501107-08-06	M14x1,5	3/8" - 19	315	8,0	9,0	19	12,0
A501107-08-08	M14x1,5	1/2" - 14	315	8,0	9,0	22	14,0
A501107-10-04	M16x1,5	1/4" - 19	315	10,0	9,0	17	12,0
A501107-10-06	M16x1,5	3/8" - 19	315	10,0	10,0	19	12,0
A501107-10-08	M16x1,5	1/2" - 14	315	10,0	10,0	22	14,0
A501107-12-04	M18x1,5	1/4" - 19	315	12,0	10,0	19	12,0
A501107-12-06	M18x1,5	3/8" - 19	315	12,0	10,0	19	12,0
A501107-12-08	M18x1,5	1/2" - 14	315	12,0	10,0	22	14,0
A501107-15-06	M22x1,5	3/8" - 19	315	15,0	11,0	24	12,0
A501107-15-08	M22x1,5	1/2" - 14	315	15,0	11,0	24	14,0
A501107-18-08	M26x1,5	1/2" - 14	315	18,0	11,5	27	14,0
A501107-18-12	M26x1,5	3/4" - 14	315	18,0	11,5	32	16,0
A501107-22-12	M30x2,0	3/4" - 14	160	22,0	13,5	32	16,0
A501107-28-16	M36x2,0	1" - 11	160	28,0	14,5	41	18,0
A501107-35-20	M45x2,0	1.1/4" - 11	160	35,0	14,5	46	20,0
A501107-42-24	M52x2,0	1.1/2" - 11	160	42,0	16,0	55	22,0

If You wish to order a fitting/ ferrule/ adaptor in stainless, please add at the end of code .SS



A501111

METRIC MALE LIGHT TYPE (DIN 2353)

PART. REF.	THREADS		W.P.	DIMENSIONS mm				
	F1 (METR)	F2 (METR)	bar	P1	P2	L1	L2	H
A501111-06-06	M12x1,5	M12x1,5	315	6,0	6,0	10,0	24,0	12,0
A501111-08-06	M14x1,5	M12x1,5	315	8,0	6,0	11,0	25,0	14,0
A501111-08-08	M14x1,5	M14x1,5	315	8,0	8,0	11,0	25,0	14,0
A501111-10-06	M16x1,5	M12x1,5	315	10,0	6,0	12,0	26,0	17,0
A501111-10-08	M16x1,5	M14x1,5	315	10,0	8,0	12,0	26,0	17,0
A501111-10-10	M16x1,5	M16x1,5	315	10,0	10,0	13,0	27,0	17,0
A501111-12-06	M18x1,5	M12x1,5	315	12	6	13	27	19
A501111-12-08	M18x1,5	M14x1,5	315	12,0	8,0	13,0	27,0	19,0
A501111-12-10	M18x1,5	M16x1,5	315	12,0	10,0	14,0	28,0	19,0
A501111-12-12	M18x1,5	M18x1,5	315	12,0	12,0	14,0	28,0	19,0
A501111-15-10	M22x1,5	M16x1,5	315	15,0	10,0	15,0	29,0	24,0
A501111-15-12	M22x1,5	M18x1,5	315	15,0	12,0	15,0	29,0	24,0
A501111-15-15	M22x1,5	M22x1,5	315	15,0	15,0	16,0	30,0	24,0
A501111-18-10	M26x1,5	M16x1,5	315	18	10	15,5	30	27
A501111-18-12	M26x1,5	M18x1,5	315	18,0	12,0	15,5	30,0	27,0
A501111-18-15	M26x1,5	M22x1,5	315	18,0	15,0	16,5	31,0	27,0
A501111-18-18	M26x1,5	M26x1,5	315	18,0	18,0	16,0	31,0	27,0
A501111-22-15	M30x2,0	M22x1,5	160	22,0	15,0	18,5	33,0	32,0
A501111-22-18	M30x2,0	M26x1,5	160	22,0	18,0	18,0	33,0	32,0
A501111-22-22	M30x2,0	M30x2,0	160	22,0	22,0	20,0	35,0	32,0
A501111-28-18	M36x2,0	M26x1,5	160	28,0	18,0	19,0	34,0	41,0
A501111-28-22	M36x2,0	M30x2,0	160	28,0	22,0	21,0	36,0	41,0
A501111-28-28	M36x2,0	M36x2,0	160	28,0	28,0	21,0	36,0	41,0
A501111-35-22	M45x2,0	M30x2,0	160	35,0	22,0	21,0	39,0	46,0
A501111-35-28	M45x2,0	M36x2,0	160	35,0	28,0	21,0	39,0	46,0
A501111-35-35	M45x2,0	M45x2,0	160	35,0	35,0	20,0	41,0	46,0
A501111-42-42	M52x2,0	M52x2,0	160	42,0	42,0	21,0	43,0	55,0

If You wish to order a fitting/ ferrule/ adaptor in stainless, please add at the end of code .SS

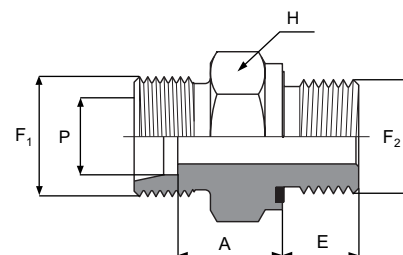
ADAPTORS

BRC

A501114

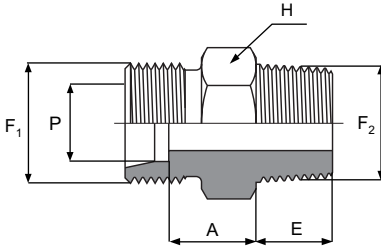
METRIC MALE (DIN 3852-11)

METRIC MALE, LIGHT TYPE (DIN 2353)



PART. REF.	THREADS		W.P.	DIMENSIONS mm			
	F ₁ (METR)	F ₂ (METR)	bar	P	A	H	E
A501114-06-10	M12x1,5	M10x1,0	315	6,0	8,5	14	8,0
A501114-08-12	M14x1,5	M12x1,5	315	8,0	10,0	17	12,0
A501114-10-14	M16x1,5	M14x1,5	315	10,0	11,0	19	12,0
A501114-10-16	M16x1,5	M16x1,5	315	10,0	12,5	22	12,0
A501114-10-18	M16x1,5	M18x1,5	315	10,0	12,5	24	12,0
A501114-12-14	M18x1,5	M14x1,5	315	12,0	12,5	19	12,0
A501114-12-16	M18x1,5	M16x1,5	315	12,0	12,5	22	12,0
A501114-12-18	M18x1,5	M18x1,5	315	12,0	12,5	24	12,0
A501114-12-22	M18x1,5	M22x1,5	315	12,0	14,0	27	14,0
A501114-15-18	M22x1,5	M18x1,5	315	15,0	13,5	24	12,0
A501114-15-22	M22x1,5	M22x1,5	315	15,0	15,0	27	14,0
A501114-18-18	M26x1,5	M18x1,5	315	18,0	14,0	27	12,0
A501114-18-22	M26x1,5	M22x1,5	160	18,0	14,5	27	14,0
A501114-22-22	M30x2,0	M22x1,5	160	22,0	16,5	32	14,0
A501114-22-26	M30x2,0	M26x1,5	160	22,0	16,5	32	16,0
A501114-28-33	M36x2,0	M33x2,0	160	28,0	17,5	41	18,0
A501114-35-42	M45x2,0	M42x2,0	160	35,0	17,5	50	20,0
A501114-42-48	M52x2,0	M48x2,0	160	42,0	19,0	55	22,0

If You wish to order a fitting/ ferrule/ adaptor in stainless, please add at the end of code .SS



A501128

METRIC MALE LIGHT TYPE (DIN 2353)
NPTF MALE (SAE J476A)

PART. REF.	THREADS		W.P.	DIMENSIONS mm			
	F ₁ (METR)	F ₂ (NPTF)	bar	P	A	H	E
A501128-06-02	M12x1,5	1/8" - 27	315	6,0	7,0	12	10,0
A501128-06-04	M12x1,5	1/4" - 18	315	6,0	8,0	14	15,0
A501128-08-04	M14x1,5	1/4" - 18	315	8,0	8,0	17	15,0
A501128-08-06	M14x1,5	3/8" - 18	315	8,0	9,0	19	15,0
A501128-08-08	M14x1,5	1/2" - 14	315	8,0	9,5	22	19,5
A501128-10-04	M16x1,5	1/4" - 18	315	10,0	9,0	17	15,0
A501128-10-06	M16x1,5	3/8" - 18	315	10,0	10,0	19	15,0
A501128-12-04	M18x1,5	1/4" - 18	315	12,0	10,0	19	15,0
A501128-12-08	M18x1,5	1/2" - 14	315	12,0	10,5	22	19,5
A501128-15-08	M22x1,5	1/2" - 14	315	15,0	11,5	24	19,5
A501128-18-08	M26x1,5	1/2" - 14	315	18,0	12,0	27	19,5
A501128-18-12	M26x1,5	3/4" - 14	315	18,0	11,5	32	20,0
A501128-22-12	M30x2,0	3/4" - 14	160	22,0	13,5	32	20,0
A501128-28-16	M36x2,0	1" - 11 ^{1/2}	160	28,0	14,5	41	25,0
A501128-35-20	M45x2,0	1.1/4" - 11 ^{1/2}	160	35,0	15,0	46	25,5
A501128-42-24	M52x2,0	1.1/2" - 11 ^{1/2}	160	42,0	15,0	50	25,5

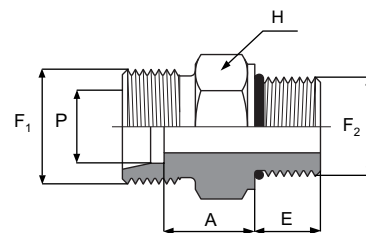
If You wish to order a fitting/ ferrule/ adaptor in stainless, please add at the end of code .SS

ADAPTORS

BRC

A501130

METRIC MALE LIGHT TYPE (DIN 2353)
SAE MALE O'RING BOSS TYPE (SAE J1926)

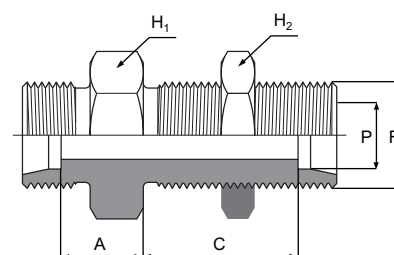


PART. REF.	THREADS	W.P.	DIMENSIONS mm				
	F ₁ (METR)	F ₂ (UNF)	bar	P	A	H	E
A501130-08-04	M14x1,5	7/16 - 20	315	8,0	9,9	14	9,1
A501130-10-04	M16x1,5	7/16 - 20	315	10,0	10,9	17	9,1
A501130-12-06	M18x1,5	9/16 - 18	315	12,0	11,0	19	10,0
A501130-12-08	M18x1,5	3/4" - 16	315	12,0	12,9	22	11,1
A501130-12-10	M18x1,5	7/8 - 14	315	12,0	14,3	27	12,7
A501130-15-08	M22x1,5	3/4" - 16	315	15,0	13,9	24	11,1
A501130-15-10	M22x1,5	7/8 - 14	315	15,0	14,5	27	12,7
A501130-18-08	M26x1,5	3/4" - 16	315	18,0	14,4	27	11,1
A501130-18-10	M26x1,5	7/8 - 14	315	18,0	14,8	27	12,7
A501130-22-10	M30x2	7/8" - 14	160	22	16,8	32	12,7

If You wish to order a fitting/ ferrule/ adaptor in stainless, please add at the end of code .SS

A501177

METRIC MALE LIGHT TYPE
METRIC BULKHEAD MALE LIGHT TYPE (DIN 2353)

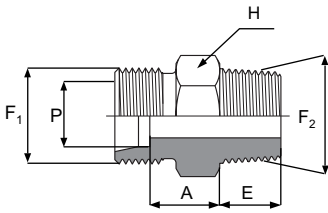


PART. REF.	THREADS	W.P.	DIMENSIONS mm				
	F ₁ (METR)	bar	P	A	H ₁	H ₂	C
A501177-06-06	M12x1,5	315	6,0	7,0	17	17	27,0
A501177-08-08	M14x1,5	315	8,0	8,0	19	19	27,0
A501177-10-10	M16x1,5	315	10,0	10,0	22	22	28,0
A501177-12-12	M18x1,5	315	12,0	10,0	24	24	29,0
A501177-15-15	M22x1,5	315	15,0	12,0	27	30	31,0
A501177-18-18	M26x1,5	315	18,0	13,5	32	36	32,5
A501177-22-22	M30x2,0	160	22,0	16,5	36	41	34,5
A501177-28-28	M36x2,0	160	28,0	18,5	41	46	35,5
A501177-35-35	M45x2,0	160	35,0	18,5	50	55	36,5
A501177-42-42	M52x2,0	160	42,0	19,0	60	65	36,0

If You wish to order a fitting/ ferrule/ adaptor in stainless, please add at the end of code .SS

ADAPTORS

BRC

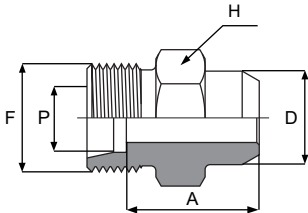


A501188

METRIC MALE LIGHT TYPE (DIN 2353)
METRIC MALE TAPERED

PART. REF.	THREADS		W.P.	DIMENSIONS mm			
	F ₁ (METR)	F ₂ (METR)	bar	P	A	H	E
A501188-06-10	M12x1,5	M10x1,0	315	6,0	7,0	12	8,0
A501188-08-12	M14x1,5	M12x1,5	315	8,0	8,0	17	12,0
A501188-10-14	M16x1,5	M14x1,5	315	10,0	9,0	17	12,0
A501188-12-16	M18x1,5	M16x1,5	315	12,0	10,0	19	12,0
A501188-15-18	M22x1,5	M18x1,5	315	15,0	11,0	24	12,0
A501188-18-22	M26x1,5	M22x1,5	315	18,0	11,5	27	14,0

If You wish to order a fitting/ ferrule/ adaptor in stainless, please add at the end of code .SS



A501195

METRIC MALE LIGHT TYPE (DIN 2353)
WELDING PIPE

PART. REF.	THREADS	W.P.	DIMENSIONS mm			
	F (METR)	bar	P	A	H	D
A501195-06-10	M12x1,5	315	6,0	14,0	12	10,0
A501195-08-12	M14x1,5	315	8,0	16,0	14	12,0
A501195-10-14	M16x1,5	315	10,0	18,0	17	14,0
A501195-12-16	M18x1,5	315	12,0	18,0	19	16,0
A501195-15-19	M22x1,5	315	15,0	22,0	22	19,0
A501195-18-22	M26x1,5	315	18,0	23,5	27	22,0
A501195-22-27	M30x2,0	160	22,0	28,5	32	27,0
A501195-28-32	M36x2,0	160	28,0	30,5	41	32,0
A501195-35-40	M45x2,0	160	35,0	32,5	46	40,0
A501195-42-46	M52x2,0	160	42,0	35,0	55	46,0

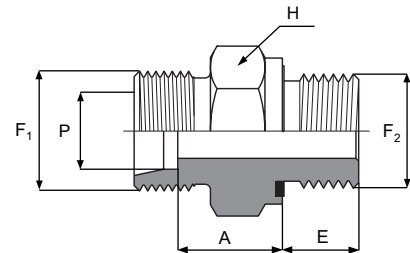
If You wish to order a fitting/ ferrule/ adaptor in stainless, please add at the end of code .SS

ADAPTORS

BRC

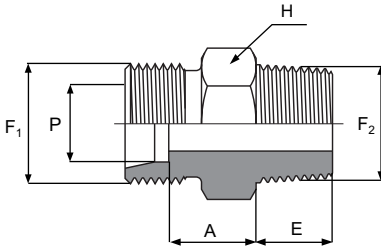
A501206

METRIC MALE HEAVY TYPE (DIN 2353)
BSP MALE O'RING



PART. REF.	THREADS	W.P.	DIMENSIONS mm				
	F ₁ (METR)	F ₂ (BSP)	bar	P	A	H	E
A501206-06-04	M14x1,5	1/4" - 19	630	6,0	13,0	19	12,0
A501206-08-04	M16x1,5	1/4" - 19	630	8,0	15,0	19	12,0
A501206-08-06	M16x1,5	3/8" - 19	630	8,0	15,5	22	12,0
A501206-10-04	M18x1,5	1/4" - 19	630	10,0	14,5	19	12,0
A501206-10-06	M18x1,5	3/8" - 19	630	10,0	15,0	22	12,0
A501206-10-08	M18x1,5	1/2" - 14	630	10,0	17,5	27	14,0
A501206-12-04	M20x1,5	1/4" - 19	630	12,0	16,5	22	12,0
A501206-12-06	M20x1,5	3/8" - 19	630	12,0	17,0	22	12,0
A501206-12-08	M20x1,5	1/2" - 14	630	12,0	17,5	27	14,0
A501206-14-06	M22x1,5	3/8" - 19	630	14,0	18,5	24	12,0
A501206-14-08	M22x1,5	1/2" - 14	630	14,0	19,0	27	14,0
A501206-16-06	M24x1,5	3/8" - 19	400	16,0	18,0	27	12,0
A501206-16-08	M24x1,5	1/2" - 14	400	16,0	18,5	27	14,0
A501206-16-12	M24x1,5	3/4" - 14	400	16,0	20,5	32	16,0
A501206-20-08	M30x2,0	1/2" - 14	400	20,0	20,5	32	14,0
A501206-20-12	M30x2,0	3/4" - 14	400	20,0	20,5	32	16,0
A501206-20-16	M30x2,0	1" - 11	400	20,0	22,5	41	18,0
A501206-25-12	M36x2,0	3/4" - 14	400	25,0	23,0	41	16,0
A501206-25-16	M36x2,0	1" - 11	400	25,0	23,0	41	18,0
A501206-30-16	M42x2,0	1" - 11	400	30,0	23,5	46	18,0
A501206-30-20	M42x2,0	1.1/4" - 11	400	30,0	23,5	50	20,0
A501206-38-20	M52x2,0	1.1/4" - 11	315	38,0	26,0	55	20,0
A501206-38-24	M52x2,0	1.1/2" - 11	315	38,0	26,0	55	22,0

If You wish to order a fitting/ ferrule/ adaptor in stainless, please add at the end of code .SS



A501207

METRIC MALE HEAVY TYPE (DIN 2353)
BSP MALE TAPERED (ISO 7)

PART. REF.	THREADS	W.P.	DIMENSIONS mm				
	F ₁ (METR)	F ₂ (BSPT)	bar	P	A	H	E
A501207-06-04	M14x1,5	1/4" - 19	630	6,0	11,0	17	12,0
A501207-08-04	M16x1,5	1/4" - 19	630	8,0	13,0	17	12,0
A501207-10-06	M18x1,5	3/8" - 19	630	10,0	12,5	19	12,0
A501207-12-04	M20x1,5	1/4" - 19	630	12,0	14,5	22	13,0
A501207-12-06	M20x1,5	3/8" - 19	630	12,0	14,5	22	12,0
A501207-12-08	M20x1,5	1/2" - 14	630	12,0	14,5	22	14,0
A501207-14-06	M22x1,5	3/8" - 19	630	14,0	16,0	24	12,0
A501207-14-08	M22x1,5	1/2" - 14	630	14,0	16,0	24	14,0
A501207-16-08	M24x1,5	1/2" - 14	400	16,0	15,5	27	14,0
A501207-20-12	M30x2,0	3/4" - 14	400	20,0	17,5	32	16,0
A501207-25-16	M36x2,0	1" - 11	400	25,0	20,0	41	18,0
A501207-30-20	M42x2,0	1.1/4" - 11	400	30,0	20,5	46	20,0
A501207-38-24	M52x2,0	1.1/2" 11	315	38,0	23,0	55	22,0

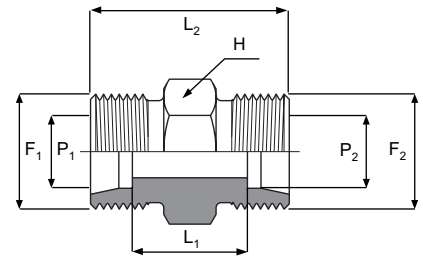
If You wish to order a fitting/ ferrule/ adaptor in stainless, please add at the end of code .SS

ADAPTORS

BRC

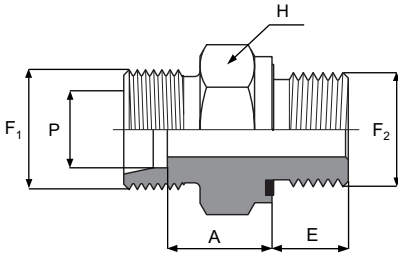
A501212

METRIC MALE HEAVY TYPE (DIN 2353)



PART. REF.	THREADS		W.P.	DIMENSIONS mm				
	F ₁ (METR)	F ₂ (METR)	bar	P ₁	P ₂	L ₁	L ₂	H
A501212-06-06	M14x1,5	M14x1,5	630	6	6	16	30	14
A501212-08-06	M16x1,5	M14x1,5	630	8	6	18	32	17
A501212-08-08	M16x1,5	M16x1,5	630	8	8	18	32	17
A501212-10-06	M18x1,5	M14x1,5	630	10	6	17,5	32	19
A501212-10-08	M18x1,5	M16x1,5	630	10	8	17,5	32	19
A501212-10-10	M18x1,5	M18x1,5	630	10	10	17	32	19
A501212-12-08	M20x1,5	M16x1,5	630	12	8	19,5	34	22
A501212-12-10	M20x1,5	M18x1,5	630	12	10	19	34	22
A501212-12-12	M20x1,5	M20x1,5	630	12	12	19	34	22
A501212-14-10	M22x1,5	M16x1,5	630	10	10	20,5	36	24
A501212-14-12	M22x1,5	M20x1,5	630	14	12	20,5	36	24
A501212-14-14	M22x1,5	M22x1,5	630	14	14	22	38	24
A501212-16-12	M24x1,5	M20x1,5	400	14	12	20	36	27
A501212-16-14	M24x1,5	M22x1,5	400	16	14	21,5	38	27
A501212-16-16	M24x1,5	M24x1,5	400	16	16	21	38	27
A501212-20-12	M30x2,0	M20x1,5	400	16	12	22	40	32
A501212-20-16	M30x2,0	M24x1,5	400	20	16	23	42	32
A501212-20-20	M30x2,0	M30x2,0	400	20	20	23	44	32
A501212-25-16	M36x2,0	M24x1,5	400	20	16	25,5	46	41
A501212-25-20	M36x2,0	M30x2,0	400	25	20	25,5	48	41
A501212-25-25	M36x2,0	M36x2,0	400	25	25	26	50	41
A501212-30-25	M42x2,0	M36x2,0	400	25	25	26,5	52	46
A501212-30-30	M42x2,0	M42x2,0	400	30	30	27	54	46
A501212-38-30	M52x2,0	M42x2,0	400	38	30	29,5	59	55
A501212-38-38	M52x2,0	M52x2,0	315	38	38	29	61	55

If You wish to order a fitting/ ferrule/ adaptor in stainless, please add at the end of code .SS



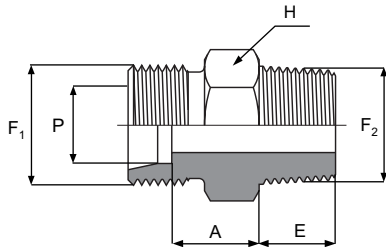
A501214

METRIC MALE HEAVY TYPE (DIN 2353)

METRIC MALE (DIN 3852-11)

PART. REF.	THREADS		W.P.	DIMENSIONS mm			
	F ₁ (METR)	F ₂ (METR)	bar	P	A	H	E
A501214-06-12	M14x1,5	M12x1,5	630	6,0	13,0	17	12,0
A501214-08-14	M16x1,5	M14x1,5	630	8,0	15,0	19	12,0
A501214-10-16	M18x1,5	M16x1,5	630	10,0	15,0	22	12,0
A501214-12-18	M20x1,5	M18x1,5	630	12,0	17,0	24	12,0
A501214-12-22	M20x1,5	M22x1,5	630	12,0	17,5	27	14,0
A501214-14-20	M22x1,5	M20x1,5	630	14,0	19,0	27	14,0
A501214-16-18	M24x1,5	M18x1,5	400	16,0	18,0	27	12,0
A501214-16-22	M24x2,0	M22x1,5	400	16,0	18,5	27	14,0
A501214-20-27	M30x2,0	M27x2,0	400	20,0	20,5	32	16,0
A501214-25-27	M36x2	M27x2	400	25	23	41	16
A501214-25-33	M36x2,0	M33x2,0	400	25,0	23,0	41	18,0
A501214-30-42	M42x2,0	M42x2,0	400	30,0	23,5	50	20,0
A501214-38-48	M52x2,0	M48x2,0	315	38,0	26,0	55	22,0

If You wish to order a fitting/ ferrule/ adaptor in stainless, please add at the end of code .SS



A501228

METRIC MALE HEAVY TYPE (DIN 2353)

NPTF MALE (SAE J476A)

PART. REF.	THREADS		W.P.	DIMENSIONS mm			
	F ₁ (METR)	F ₂ (NPTF)	bar	P	A	H	E
A501228-06-04	M14x1,5	1/4" - 18	630	6,0	11,0	17	15,0
A501228-08-04	M16x1,5	1/4" - 18	630	8,0	13,0	17	15,0
A501228-10-06	M18x1,5	3/8" - 18	630	10,0	12,5	19	15,0
A501228-12-06	M20x1,5	3/8" - 18	630	12,0	14,5	22	15,0
A501228-12-08	M20x1,5	1/2" - 14	630	12,0	15,0	22	19,5
A501228-14-08	M22x1,5	1/2" - 14	630	14,0	16,5	24	19,5
A501228-16-08	M24x1,5	1/2" - 14	400	16,0	16,0	27	19,5
A501228-20-12	M30x2,0	3/4" - 14	400	20,0	17,5	32	20,0
A501228-25-16	M36x2,0	1" - 11 ^{1/2}	400	25,0	20,0	41	25,0
A501228-30-16	M42x2,0	1" - 11 ^{1/2}	400	30,0	20,5	46	25,0
A501228-30-20	M42x2,0	1.1/4" - 11 ^{1/2}	400	30,0	21,0	46	25,5

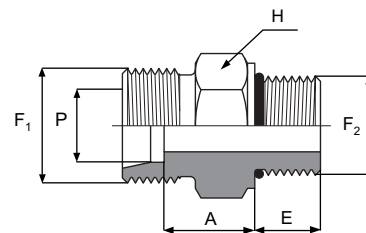
If You wish to order a fitting/ ferrule/ adaptor in stainless, please add at the end of code .SS

ADAPTORS

BRC

A501230

METRIC MALE HEAVY TYPE (DIN 2353)
SAE MALE O'RING BOSS TYPE (SAE J1926)

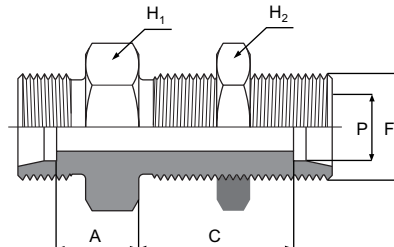


PART. REF.	THREADS	W.P.	DIMENSIONS mm				
	F ₁ (METR)	F ₂ (UNF)	bar	P	A	H	E
A501230-08-04	M16x1,5	7/16 - 20	630	8,0	14,9	17	9,1
A501230-10-06	M18x1,5	9/16 - 18	630	10,0	14,5	19	10,0
A501230-12-06	M20x1,5	9/16 - 18	630	12,0	14,5	22	10,0
A501230-16-08	M24x1,5	3/4" - 16	400	16,0	15,4	27	11,1
A501230-16-10	M24x1,5	7/8 - 14	400	16,0	18,8	27	12,7
A501230-20-08	M30x2,0	3/4" - 16	400	20,0	20,4	32	11,1
A501230-20-10	M30x2,0	7/8 - 14	400	20,0	20,8	32	12,7
A501230-20-12	M30x2,0	1.1/16 - 12	400	20,0	20,4	32	15,1

If You wish to order a fitting/ ferrule/ adaptor in stainless, please add at the end of code .SS

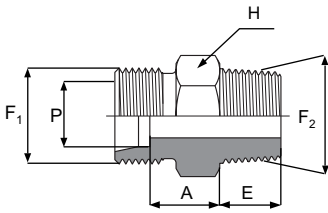
A501287

METRIC MALE HEAVY TYPE
METRIC BULKHEAD MALE HEAVY TYPE (DIN 2353)



PART. REF.	THREADS	W.P.	DIMENSIONS mm				
	F ₁ (METR)	bar	P	A	H ₁	H ₂	C
A501287-06-06	M14x1,5	630	6,0	12,0	19	19	29,0
A501287-08-08	M16x1,5	630	8,0	13,0	22	22	29,0
A501287-10-10	M18x1,5	630	10,0	14,5	24	24	29,5
A501287-12-12	M20x1,5	630	12,0	14,5	27	27	30,5
A501287-14-14	M22x1,5	630	14,0	17,0	30	30	32,0
A501287-16-16	M24x1,5	400	16,0	16,5	32	32	31,5
A501287-20-20	M30x2,0	400	20,0	17,5	41	41	33,5
A501287-25-25	M36x2,0	400	25,0	20,0	46	46	35,0
A501287-30-30	M42x2,0	400	30,0	21,5	50	50	37,5
A501287-38-38	M52x2,0	315	38,0	22,0	65	65	37,0

If You wish to order a fitting/ ferrule/ adaptor in stainless, please add at the end of code .SS

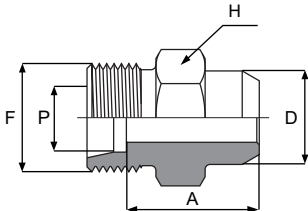


A501288

METRIC MALE HEAVY TYPE (DIN 2353)
METRIC MALE TAPERED

PART. REF.	THREADS		W.P.	DIMENSIONS mm			
	F ₁ (METR)	F ₂ (METR)	bar	P	A	H	E
A501288-06-12	M14x1,5	M12x1,5	630	6,0	11,0	17	12,0
A501288-08-14	M16x1,5	M14x1,5	630	8,0	13,0	17	12,0
A501288-10-16	M18x1,5	M16x1,5	630	10,0	12,5	19	12,0
A501288-12-18	M20x1,5	M18x1,5	630	12,0	14,5	22	12,0
A501288-14-20	M22x1,5	M20x1,5	630	14,0	16,0	24	14,0
A501288-16-22	M24x1,5	M22x1,5	400	16,0	15,5	27	14,0

If You wish to order a fitting/ ferrule/ adaptor in stainless, please add at the end of code .SS



A501295

METRIC MALE HEAVY TYPE (DIN 2353)
WELDING PIPE

PART. REF.	THREADS	W.P.	DIMENSIONS mm			
	F (METR)	bar	P	A	H	D
A501295-06-11	M14x1,5	630	6,0	19,0	14	11,0
A501295-08-13	M16x1,5	630	8,0	21,0	17	13,0
A501295-10-15	M18x1,5	630	10,0	22,5	19	15,0
A501295-12-17	M20x1,5	630	12,0	24,5	22	17,0
A501295-14-19	M22x1,5	630	14,0	27,0	24	19,0
A501295-16-21	M24x1,5	400	16,0	26,5	27	21,0
A501295-20-26	M30x2,0	400	20,0	29,5	32	26,0
A501295-25-31	M36x2,0	400	25,0	32,0	41	31,0
A501295-30-36	M42x2,0	400	30,0	35,5	46	36,0
A501295-38-44	M52x2,0	315	38,0	38,0	55	44,0

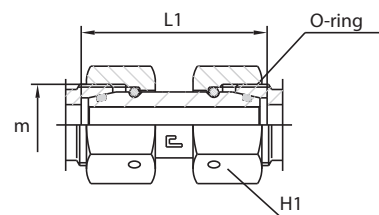
If You wish to order a fitting/ ferrule/ adaptor in stainless, please add at the end of code .SS

ADAPTORS

BRC

A511515

METRIC FEMALE CONNECTOR, LIGHT TYPE
STRAIGHT COUPLING WITH SWIVEL NUT (DIN 2353)

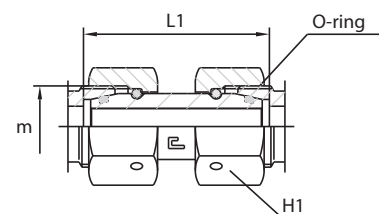


PART. REF.	THREADS	W.P.	DIMENSIONS mm		
		bar	PIPE	L ₁	H ₁
A511515-06-06	M12x1,5	315	6	40	14
A511515-08-08	M14x1,5	315	8	40	17
A511515-10-10	M16x1,5	315	10	39	19
A511515-12-12	M18x1,5	315	12	39	22
A511515-15-15	M22x1,5	315	15	45	27
A511515-18-18	M26x1,5	315	18	43	32
A511515-22-22	M30x2	160	22	48	36
A511515-28-28	M36x2	160	28	49	41
A511515-35-35	M45x2	160	35	60	50
A511515-42-42	M52x2	160	42	60	60

If You wish to order a fitting/ ferrule/ adaptor in stainless, please add at the end of code .SS

A511616

METRIC FEMALE CONNECTOR, HEAVY TYPE
STRAIGHT COUPLING WITH SWIVEL NUT (DIN 2353)

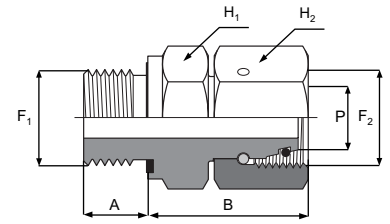


PART. REF.	THREADS	W.P.	DIMENSIONS mm		
		bar	PIPE	L ₁	H ₁
A511616-06-06	M14x1,5	630	6	37	17
A511616-08-08	M16x1,5	630	8	38	19
A511616-10-10	M18x1,5	630	10	44	22
A511616-12-12	M20x1,5	630	12	41	24
A511616-14-14	M22x1,5	630	14	44	27
A511616-16-16	M24x1,5	400	16	51	30
A511616-20-20	M30x2	400	20	56	36
A511616-25-25	M36x2	400	25	60	46
A511616-30-30	M42x2	400	30	62	50
A511616-38-38	M52x2	315	38	70	60

If You wish to order a fitting/ ferrule/ adaptor in stainless, please add at the end of code .SS

A520615

BSP MALE
METRIC FEMALE LIGHT TYPE (DIN 2353)

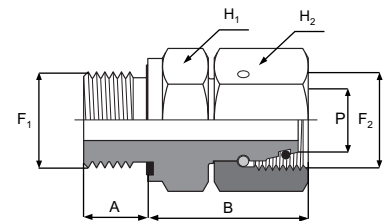


PART. REF.	THREADS	W.P.	DIMENSIONS mm					
	F ₁ (BSP)	F ₂ (METR)	bar	P	A	H ₁	H ₂	B
A520615-02-06	1/8" - 28	M12x1,5	315	6,0	8,0	14	14	24,5
A520615-04-08	1/4" - 19	M14x1,5	315	8,0	12,0	19	17	29,5
A520615-04-10	1/4" - 19	M16x1,5	315	10,0	12,0	19	19	27,5
A520615-06-12	3/8" - 19	M18x1,5	315	12,0	12,0	22	22	34,0
A520615-08-15	1/2" - 14	M22x1,5	315	15,0	14,0	27	27	32,0
A520615-08-18	1/2" - 14	M26x1,5	160	18,0	14,0	27	32	31,5
A520615-12-22	3/4" - 14	M30x2,0	160	22,0	16,0	32	36	32,5
A520615-16-28	1" - 11	M36x2,0	160	28,0	18,0	41	41	35,0
A520615-20-35	1.1/4" - 11	M45x2,0	160	35,0	20,0	50	50	42,5
A520615-24-42	1.1/2" - 11	M52x2,0	160	42,0	22,0	55	60	46,5

If You wish to order a fitting/ ferrule/ adaptor in stainless, please add at the end of code .SS

A520616

BSP MALE
METRIC FEMALE HEAVY TYPE (DIN 2353)



PART. REF.	THREADS	W.P.	DIMENSIONS mm					
	F ₁ (BSP)	F ₂ (METR)	bar	P	A	H ₁	H ₂	B
A520616-04-06	1/4" - 19	M14x1,5	630	6,0	12,0	19	17	27,0
A520616-04-08	1/4" - 19	M16x1,5	630	8,0	12,0	19	19	29,5
A520616-06-10	3/8" - 19	M18x1,5	630	10,0	12,0	22	22	32,0
A520616-06-12	3/8" - 19	M20x1,5	630	12,0	12,0	22	24	34,0
A520616-08-14	1/2" - 14	M22x1,5	630	14,0	14,0	27	27	36,5
A520616-08-16	1/2" - 14	M24x1,5	400	16,0	14,0	27	30	37,0
A520616-08-20	1/2" - 14	M30x2,0	400	20,0	16,0	32	36	43,0
A520616-12-20	3/4" - 14	M30x2,0	400	20,0	16,0	32	36	43,0
A520616-16-25	1" - 11	M36x2,0	400	25,0	18,0	41	46	48,0
A520616-20-30	1.1/4" - 11	M42x2,0	400	30,0	20,0	50	50	51,0
A520616-24-38	1.1/2" - 11	M52x2,0	315	38,0	22,0	55	60	60,0

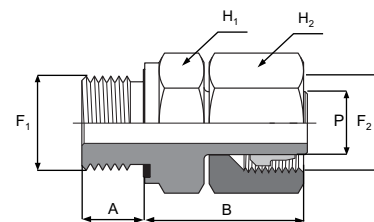
If You wish to order a fitting/ ferrule/ adaptor in stainless, please add at the end of code .SS

ADAPTORS

BRC

A520620

BSP MALE
METRIC FEMALE STANDPIPE, LIGHT TYPE (DIN 2353)

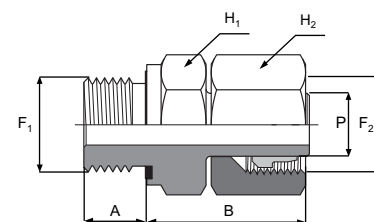


PART. REF.	THREADS	W.P.	DIMENSIONS mm					
	F ₁ (BSP)	F ₂ (METR)	bar	P	A	H ₁	H ₂	B
A520620-02-06	1/8" - 28	M12x1,5	315	6,0	8,0	14	14	24,5
A520620-04-08	1/4" - 19	M14x1,5	315	8,0	12,0	19	17	29,5
A520620-04-10	1/4" - 19	M16x1,5	315	10,0	12,0	19	19	27,5
A520620-04-12	1/4" - 19	M18x1,5	315	12,0	12,0	19	22	29,5
A520620-06-12	3/8" - 19	M18x1,5	315	12,0	12,0	22	22	34,0
A520620-08-12	1/2" - 14	M18x1,5	315	12,0	14,0	27	22	34,5
A520620-08-15	1/2" - 14	M22x1,5	315	15,0	14,0	27	27	32,0
A520620-08-18	1/2" - 14	M26x1,5	315	18,0	14,0	27	32	31,5
A520620-12-22	3/4" - 14	M30x2,0	160	22,0	16,0	32	36	32,5

If You wish to order a fitting/ ferrule/ adaptor in stainless, please add at the end of code .SS

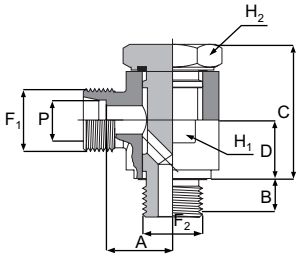
A520621

BSP MALE
METRIC FEMALE STANDPIPE, HEAVY TYPE (DIN 2353)



PART. REF.	THREADS	W.P.	DIMENSIONS mm					
	F ₁ (BSP)	F ₂ (METR)	bar	P	A	H ₁	H ₂	B
A520621-04-06	1/4" - 19	M14x1,5	630	6,0	12,0	19	17	27,0
A520621-04-08	1/4" - 19	M16x1,5	630	8,0	12,0	19	19	29,5
A520621-06-10	3/8" - 19	M18x1,5	630	10,0	12,0	22	22	32,0
A520621-06-12	3/8" - 19	M20x1,5	630	12,0	12,0	22	24	34,0
A520621-08-12	1/2" - 14	M20x1,5	630	12,0	14,0	27	24	35,0
A520621-08-14	1/2" - 14	M22x1,5	630	14,0	14,0	27	27	36,5
A520621-08-16	1/2" - 14	M24x1,5	400	16,0	14,0	27	30	37,0
A520621-12-16	3/4" - 14	M24x1,5	400	16,0	16,0	32	30	39,0
A520621-12-20	3/4" - 14	M30x2,0	400	20,0	16,0	32	36	43,0

If You wish to order a fitting/ ferrule/ adaptor in stainless, please add at the end of code .SS

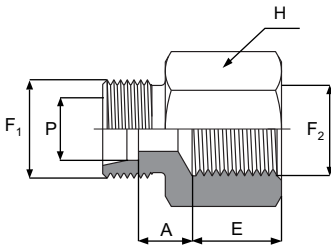


A521103

METRIC MALE, LIGHT TYPE (DIN 2353)
BSP BANJO COUPLING WITH ELASTOMER SEAL

PART. REF.	THREADS	W.P.	DIMENSIONS mm						
	F ₂ (BSP)	bar	P	A	H ₁	H ₂	B	C	D
A521103-06-02	1/8" - 28	315	6,0	12,0	17	17	8,0	18,5	10,5
A521103-08-04	1/4" - 19	315	8,0	14,5	22	19	12,0	25,0	14,0
A521103-10-04	1/4" - 19	315	10,0	15,5	22	19	12,0	25,0	14,0
A521103-12-06	3/8" - 19	315	12,0	18,0	27	24	12,0	30,0	16,5
A521103-15-08	1/2" - 14	315	15,0	22,0	32	30	14,0	37,5	21,5
A521103-18-08	1/2" - 14	315	18,0	21,5	32	30	14,0	37,5	21,5
A521103-22-12	3/4" - 14	160	22,0	26,5	41	36	16,0	44,0	24,0
A521103-28-16	1" - 11	160	28,0	31,0	50	46	18,0	55,5	30,5
A521103-35-20	1.1/4" - 11	160	35,0	35,0	60	55	20,0	65,5	35,5
A521103-42-24	1.1/2" - 11	160	42,0	39,5	70	60	22,0	75,5	40,5

If You wish to order a fitting/ ferrule/ adaptor in stainless, please add at the end of code .SS



A521104

METRIC MALE, LIGHT TYPE (DIN 2353)
BSP FIXED FEMALE

PART. REF.	THREADS	W.P.	DIMENSIONS mm				
	F ₁ (METR)	F ₂ (BSP)	bar	P	A	H	E
A521104-06-02	M12x1,5	1/8" - 28	315	6,0	9,0	14	10,0
A521104-08-04	M14x1,5	1/4" - 19	315	8,0	10,0	19	14,0
A521104-08-06	M14x1,5	3/8" - 19	315	8,0	13,0	22	11,0
A521104-10-04	M16x1,5	1/4" - 19	315	10,0	11,0	19	14,0
A521104-12-04	M18x1,5	1/4" - 19	315	12,0	12,0	19	11,0
A521104-12-06	M18x1,5	3/8" - 19	315	12,0	12,0	24	14,0
A521104-12-08	M18x1,5	1/2" - 14	315	12,0	16,0	27	15,0
A521104-15-08	M22x1,5	1/2" - 14	315	15,0	14,0	27	17,0
A521104-18-08	M26x1,5	1/2" - 14	315	18,0	13,5	27	17,0
A521104-22-12	M30x2,0	3/4" - 14	160	22,0	16,5	36	19,0
A521104-28-16	M36x2,0	1" - 11	160	28,0	16,0	41	21,5
A521104-35-20	M42x2,0	1.1/4" - 11	160	35,0	18,0	55	23,5
A521104-42-24	M52x2,0	1.1/2" - 11	160	42,0	17,5	60	25,5

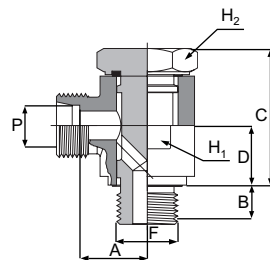
If You wish to order a fitting/ ferrule/ adaptor in stainless, please add at the end of code .SS

ADAPTORS

BRC

A521109

METRIC MALE, LIGHT TYPE (DIN 2353)
METRIC BANJO COUPLING WITH ELASTOMER SEAL

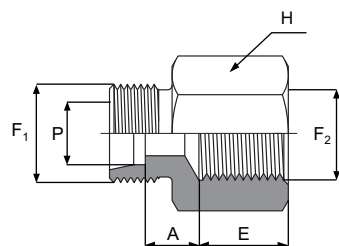


PART. REF.	THREADS	W.P.	DIMENSIONS mm						
	F (METR)	bar	P	A	H ₁	H ₂	B	C	D
A521109-06-10	M10x1,0	315	6,0	12,0	17	17	8,0	18,5	10,5
A521109-08-12	M12x1,5	315	8,0	14,5	22	19	12,0	25,0	14,0
A521109-10-14	M14x1,5	315	10,0	15,5	22	19	12,0	25,0	14,0
A521109-12-16	M16x1,5	315	12,0	18,0	27	24	12,0	30,0	16,5
A521109-15-18	M18x1,5	315	15,0	22,0	32	27	12,0	33,5	18,5
A521109-18-22	M22x1,5	315	18,0	21,5	32	30	14,0	37,5	21,5
A521109-22-26	M26x1,5	160	22,0	26,5	41	36	16,0	44,0	24,0
A521109-28-33	M33x2,0	160	28,0	31,0	50	46	18,0	55,5	30,5
A521109-35-42	M42x2,0	160	35,0	35,0	60	55	20,0	65,5	35,5
A521109-42-48	M48x2,0	160	42,0	39,5	70	60	22,0	75,5	40,5

If You wish to order a fitting/ ferrule/ adaptor in stainless, please add at the end of code .SS

A521114

METRIC MALE, LIGHT TYPE (DIN 2353)
METRIC FIXED FEMALE (DIN 3852-11)

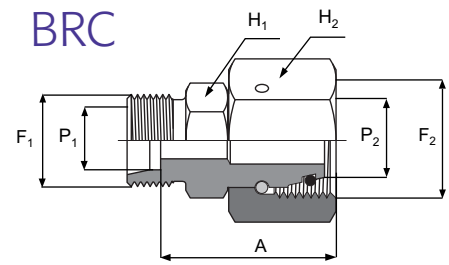


PART. REF.	THREADS		W.P.	DIMENSIONS mm			
	F ₁ (METR)	F ₂ (METR)	bar	P	A	H	E
A521114-06-10	M12x1,5	M10x1,0	315	6,0	9,0	14	10,0
A521114-08-12	M14x1,5	M12x1,5	315	8,0	9,5	17	14,5
A521114-10-14	M16x1,5	M14x1,5	315	10,0	10,5	19	14,5
A521114-12-16	M18x1,5	M16x1,5	315	12,0	11,5	22	14,5
A521114-15-18	M22x1,5	M18x1,5	315	15,0	16,5	24	14,5
A521114-18-22	M26x1,5	M22x1,5	315	18,0	14,0	30	16,5
A521114-22-26	M30x2,0	M26x1,5	160	22,0	16,0	32	18,5
A521114-28-33	M36x2,0	M33x2,0	160	28,0	16,5	41	21,0
A521114-35-42	M45x2,0	M42x2,0	160	35,0	17,5	55	23,0
A521114-42-48	M52x2,0	M48x2,0	160	42,0	18,0	60	25,0

If You wish to order a fitting/ ferrule/ adaptor in stainless, please add at the end of code .SS

A521115

REDUCING ADAPTOR WITH O'RING, LIGHT TYPE (DIN 2353)



PART. REF.	THREADS	W.P.	DIMENSIONS mm					
	F1 (METR)	F2 (METR)	bar	P1	P2	A	H1	H2
A521115-06-08	M12x1,5	M14x1,5	315	6,0	8,0	24,0	12	17
A521115-06-10	M12x1,5	M16x1,5	315	6,0	10,0	25,0	14	19
A521115-06-12	M12x1,5	M18x1,5	315	6,0	12,0	25,0	17	22
A521115-06-15	M12x1,5	M22x1,5	315	6,0	15,0	26,0	19	27
A521115-06-18	M12x1,5	M26x1,5	315	6,0	18,0	29,5	24	32
A521115-06-22	M12x1,5	M30x2,0	160	6,0	22,0	30,5	27	36
A521115-06-22	M12x1,5	M30x2,0	160	6,0	22,0	30,5	27	36
A521115-06-35	M12x1,5	M45x2,0	160	6,0	35,0	37,0	41	50
A521115-06-42	M12x1,5	M52x2,0	160	6,0	42,0	38,0	50	60
A521115-08-10	M14x1,5	M16x1,5	315	8,0	10,0	25,0	14	19
A521115-08-12	M14x1,5	M18x1,5	315	8,0	12,0	25,0	17	22
A521115-08-15	M14x1,5	M22x1,5	315	8,0	15,0	29,0	19	27
A521115-08-18	M14x1,5	M26x1,5	315	8,0	18,0	29,5	24	32
A521115-08-22	M14x1,5	M30x2,0	160	8,0	22,0	30,5	27	36
A521115-08-28	M14x1,5	M36x2,0	160	8,0	28,0	31,5	32	41
A521115-08-35	M14x1,5	M45x2,0	160	8,0	35,0	37,0	41	50
A521115-08-42	M14x1,5	M52x2,0	160	8,0	42,0	38,0	50	60
A521115-10-12	M16x1,5	M18x1,5	315	10,0	12,0	26,0	17	22
A521115-10-15	M16x1,5	M22x1,5	315	10,0	15,0	30,0	19	27
A521115-10-18	M16x1,5	M26x1,5	315	10,0	18,0	30,5	24	32
A521115-10-22	M16x1,5	M30x2,0	160	10,0	22,0	31,5	27	36
A521115-10-28	M16x1,5	M36x2,0	160	10,0	28,0	32,5	32	41
A521115-10-35	M16x1,5	M45x2,0	160	10,0	35,0	38,0	41	50
A521115-10-42	M16x1,5	M52x2,0	160	10,0	42,0	39,0	50	60
A521115-12-15	M18x1,5	M22x1,5	315	12,0	15,0	30,0	19	27
A521115-12-18	M18x1,5	M26x1,5	315	12,0	18,0	30,5	24	32
A521115-12-22	M18x1,5	M30x2,0	160	12,0	22,0	31,5	27	36
A521115-12-28	M18x1,5	M36x2,0	160	12,0	28,0	32,5	32	41
A521115-12-35	M18x1,5	M45x2,0	160	12,0	35,0	38,0	41	50
A521115-12-42	M18x1,5	M52x2,0	160	12,0	42,0	39,0	50	60
A521115-15-18	M22x1,5	M26x1,5	315	15,0	18,0	31,5	24	32
A521115-15-22	M22x1,5	M30x2,0	160	15,0	22,0	31,5	27	36
A521115-15-28	M22x1,5	M36x2,0	160	15,0	28,0	33,5	32	41
A521115-15-35	M22x1,5	M45x2,0	160	15,0	35,0	39,0	41	50
A521115-15-42	M22x1,5	M52x2,0	160	15,0	42,0	40,0	50	60
A521115-18-22	M26x1,5	M30x2,0	160	18,0	22,0	32,0	27	36
A521115-18-28	M26x1,5	M36x2,0	160	18,0	28,0	33,0	32	41

If You wish to order a fitting/ ferrule/ adaptor in stainless, please add at the end of code .SS

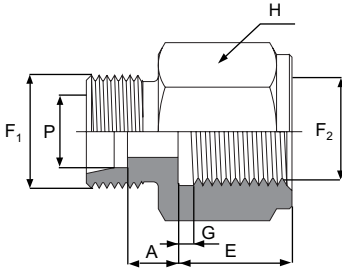
ADAPTORS

BRC

PART. REF.	THREADS		W.P.	DIMENSIONS mm				
	F ₁ (METR)	F ₂ (METR)	bar	P ₁	P ₂	A	H ₁	H ₂
A521115-18-35	M26x1,5	M45x2,0	160	18,0	35,0	38,5	41	50
A521115-18-42	M26x1,5	M52x2,0	160	18,0	42,0	39,5	50	60
A521115-22-28	M30x2,0	M36x2,0	160	22,0	28,0	35,0	32	41
A521115-22-35	M30x2,0	M45x2,0	160	22,0	35,0	40,5	41	50
A521115-28-35	M36x2,0	M45x2,0	160	28,0	35,0	40,5	41	50
A521115-22-42	M30x2,0	M52x2,0	160	22,0	42,0	41,5	50	60
A521115-28-42	M36x2,0	M52x2,0	160	28,0	42,0	41,5	50	60
A521115-35-42	M45x2,0	M52x2,0	160	35,0	42,0	40,5	50	60

ADAPTORS

BRC

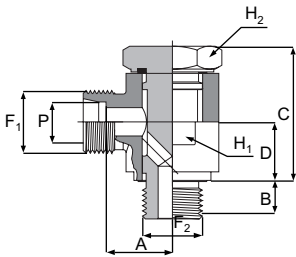


A521153

METRIC MALE, LIGHT TYPE (DIN 2353)
BSP PRESSURE GAUGE PORT

PART. REF.	THREADS	W.P.	DIMENSIONS mm					
	F ₁ (METR)	F ₂ (BSP)	bar	P	A	H	E	G
A521153-06-04	M12x1,5	1/4" - 19	315	6,0	7,5	19	14,5	4,5
A521153-08-04	M14x1,5	1/4" - 19	315	8,0	7,5	19	14,5	4,5
A521153-10-04	M16x1,5	1/4" - 19	315	10,0	8,5	19	14,5	4,5
A521153-12-04	M18x1,5	1/4" - 19	315	12,0	8,5	19	14,5	4,5

If You wish to order a fitting/ ferrule/ adaptor in stainless, please add at the end of code .SS



A521203

METRIC MALE, HEAVY TYPE (DIN 2353)
BSP BANJO COUPLING WITH ELASTOMER SEAL

PART. REF.	THREADS	W.P.	DIMENSIONS mm						
	F ₂ (BSP)	bar	P	A	H ₁	H ₂	B	C	D
A521203-06-04	1/4" - 19	630	6,0	16,5	22	19	12,0	25,0	14,0
A521203-08-04	1/4" - 19	630	8,0	16,5	22	19	12,0	25,0	14,0
A521203-10-06	3/8" - 19	630	10,0	18,5	27	24	12,0	30,0	16,5
A521203-12-06	3/8" - 19	630	12,0	18,5	27	24	12,0	30,0	16,5
A521203-14-08	1/2" - 14	630	14,0	23,0	32	30	14,0	37,5	21,5
A521203-16-08	1/2" - 14	400	16,0	22,5	32	30	14,0	37,5	21,5
A521203-20-12	3/4" - 14	400	20,0	25,5	41	36	16,0	44,0	24,0
A521203-25-16	1" - 11	400	25,0	31,5	50	46	18,0	55,5	30,5
A521203-30-20	1.1/4" - 11	400	30,0	36,0	60	55	20,0	65,5	35,5
A521203-38-24	1.1/2" - 11	315	38,0	40,5	70	60	22,0	75,5	40,5

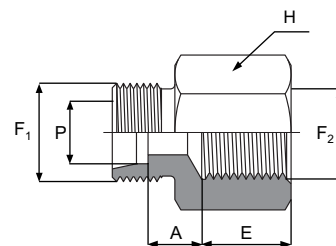
If You wish to order a fitting/ ferrule/ adaptor in stainless, please add at the end of code .SS

ADAPTORS

BRC

A521204

METRIC MALE, HEAVY TYPE (DIN 2353)
BSP FIXED FEMALE

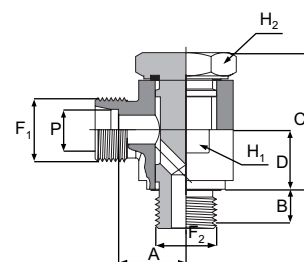


PART. REF.	THREADS	W.P.	DIMENSIONS mm				
	F ₁ (METR)	F ₂ (BSP)	bar	P	A	H	E
A521204-06-04	M14x1,5	1/4" - 19	630	6,0	12,0	19	14,0
A521204-08-04	M16x1,5	1/4" - 19	630	8,0	12,0	19	14,0
A521204-10-06	M18x1,5	3/8" - 19	630	10,0	12,5	24	14,0
A521204-12-06	M20x1,5	3/8" - 19	630	12,0	12,5	24	14,0
A521204-14-08	M22x1,5	1/2" - 14	630	14,0	15,0	30	17,0
A521204-16-08	M24x1,5	1/2" - 14	400	16,0	14,5	30	17,0
A521204-20-12	M30x2,0	3/4" - 14	400	20,0	15,5	36	19,0
A521204-25-16	M36x2,0	1" - 11	400	25,0	15,5	41	21,5
A521204-30-20	M42x2,0	1.1/4" - 11	400	30,0	19,0	55	23,5
A521204-38-24	M52x2,0	1.1/2" - 11	400	38,0	18,5	60	25,5

If You wish to order a fitting/ ferrule/ adaptor in stainless, please add at the end of code .SS

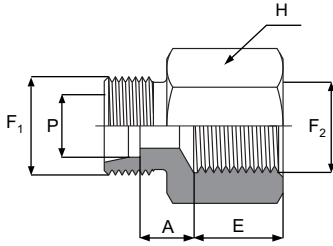
A521209

METRIC MALE, HEAVY TYPE (DIN 2353)
METRIC BANJO COUPLING WITH ELASTOMER SEAL



PART. REF.	THREADS	W.P.	DIMENSIONS mm						
	F (METR)	bar	P	A	H ₁	H ₂	B	C	D
A521209-06-12	M12x1,5	630	6,0	16,5	22	19	12,0	25,0	14,0
A521209-08-14	M14x1,5	630	8,0	16,5	22	19	12,0	25,0	14,0
A521209-10-16	M16x1,5	630	10,0	18,5	27	24	12,0	30,0	16,5
A521209-12-18	M18x1,5	630	12,0	21,5	32	24	12,0	33,5	18,5
A521209-14-20	M20x1,5	630	14,0	23,0	32	30	14,0	36,0	20,0
A521209-16-22	M22x1,5	400	16,0	22,5	32	30	14,0	37,5	21,5
A521209-20-27	M27x2,0	400	20,0	25,5	41	36	16,0	44,0	24,0
A521209-25-33	M33x2,0	400	25,0	31,5	50	46	18,0	55,5	30,5
A521209-30-42	M42x2,0	400	30,0	36,0	60	55	20,0	65,5	35,5
A521209-38-48	M48x2,0	400	38,0	40,5	70	60	22,0	75,5	40,5

If You wish to order a fitting/ ferrule/ adaptor in stainless, please add at the end of code .SS



A521214

METRIC MALE, HEAVY TYPE (DIN 2353)

METRIC FIXED FEMALE (DIN 3852-11)

PART. REF.	THREADS		W.P.	DIMENSIONS mm			
	F ₁ (METR)	F ₂ (METR)	bar	P	A	H	E
A521214-06-12	M14x1,5	M12x1,5	630	6,0	11,5	17	14,5
A521214-08-14	M16x1,5	M14x1,5	630	8,0	11,5	19	14,5
A521214-10-16	M18x2,0	M16x2,0	630	10,0	12,0	22	14,5
A521214-12-18	M20x1,5	M18x1,5	630	12,0	12,0	24	14,5
A521214-14-20	M22x1,5	M20x1,5	630	14,0	13,5	27	14,5
A521214-16-22	M24x1,5	M22x1,5	400	16,0	14,0	30	17,0
A521214-20-27	M30x2,0	M27x2,0	400	20,0	15,5	36	19,0
A521214-25-33	M36x2,0	M33x2,0	400	25,0	16,0	41	21,0
A521214-30-42	M42x2,0	M42x2,0	400	30,0	19,5	55	23,0
A521214-38-48	M52x2,0	M48x2,0	315	38,0	19,0	60	25,0

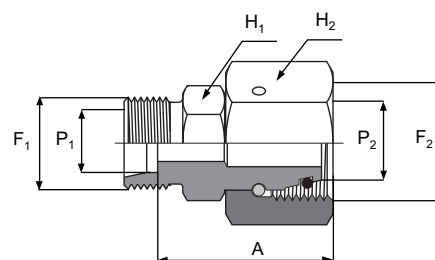
If You wish to order a fitting/ ferrule/ adaptor in stainless, please add at the end of code .SS

ADAPTORS

BRC

A521216

METRIC REDUCING ADAPTOR WITH O'RING, HEAVY TYPE
(DIN 2353)



PART. REF.	THREADS		W.P.	DIMENSIONS mm				
	F1 (METR)	F2 (METR)	bar	P1	P2	A	H1	H2
A521216-06-08	M14x1,5	M16x1,5	630	6,0	8,0	29,0	14	19
A521216-06-10	M14x1,5	M18x1,5	630	6,0	10,0	31,5	17	22
A521216-06-12	M14x1,5	M20x1,5	630	6,0	12,0	31,0	17	24
A521216-06-14	M14x1,5	M22x1,5	630	6,0	14,0	34,0	19	27
A521216-06-16	M14x1,5	M24x1,5	400	6,0	16,0	38,5	22	30
A521216-06-20	M14x1,5	M30x2,0	400	6,0	20,0	41,0	27	36
A521216-06-25	M14x1,5	M36x2,0	400	6,0	25,0	45,5	32	46
A521216-06-30	M14x1,5	M42x2,0	400	6,0	30,0	50,0	41	50
A521216-06-38	M14x1,5	M52x2,0	315	6,0	38,0	52,0	50	60
A521216-08-10	M16x1,5	M18x1,5	630	8,0	10,0	31,0	17	22
A521216-08-12	M16x1,5	M20x1,5	630	8,0	12,0	31,0	17	24
A521216-08-14	M16x1,5	M22x1,5	630	8,0	14,0	34,0	19	27
A521216-08-16	M16x1,5	M24x1,5	400	8,0	16,0	38,5	22	30
A521216-08-20	M16x1,5	M30x2,0	400	8,0	20,0	41,0	27	36
A521216-08-25	M16x1,5	M36x2,0	400	8,0	25,0	45,5	32	46
A521216-08-30	M16x1,5	M42x2,0	400	8,0	30,0	50,0	41	50
A521216-08-38	M16x1,5	M52x2,0	315	8,0	38,0	52,0	50	60
A521216-10-12	M18x1,5	M20x1,5	630	10,0	12,0	30,5	19	24
A521216-10-14	M18x1,5	M22x1,5	630	10,0	14,0	33,5	19	27
A521216-10-16	M18x1,5	M24x1,5	400	10,0	16,0	38,0	22	30
A521216-10-20	M18x1,5	M30x2,0	400	10,0	20,0	40,5	27	36
A521216-10-25	M18x1,5	M36x2,0	400	10,0	25,0	45,0	32	46
A521216-10-30	M18x1,5	M42x2,0	400	10,0	30,0	49,5	41	50
A521216-10-38	M18x1,5	M52x2,0	315	10,0	38,0	51,5	50	60
A521216-12-14	M20x1,5	M22x1,5	630	12,0	14,0	35,5	22	27
A521216-12-16	M20x1,5	M24x1,5	400	12,0	16,0	38,0	22	30
A521216-12-20	M20x1,5	M30x2,0	400	12,0	20,0	40,5	27	36
A521216-12-25	M20x1,5	M36x2,0	400	12,0	25,0	45,0	32	46
A521216-12-30	M20x1,5	M42x2,0	400	12,0	30,0	49,5	41	50
A521216-12-38	M20x1,5	M52x2,0	315	12,0	38,0	51,5	50	60
A521216-14-16	M22x1,5	M24x1,5	400	14,0	16,0	39,5	24	30
A521216-14-20	M22x1,5	M22x1,5	400	14,0	20,0	42,0	27	36
A521216-14-25	M22x1,5	M36x2,0	400	14,0	25,0	46,5	32	46
A521216-14-30	M22x2,0	M42x2,0	400	14,0	30,0	51,0	41	50
A521216-14-38	M22x1,5	M52x2,0	315	14,0	38,0	53,0	50	60
A521216-16-20	M24x1,5	M30x2,0	400	16,0	20,0	41,5	27	36
A521216-16-25	M24X1,5	M36X2,0	400	16,0	25,0	46,0	32	46

If You wish to order a fitting/ ferrule/ adaptor in stainless, please add at the end of code .SS

PART. REF.	THREADS		W.P.	DIMENSIONS mm				
	F ₁ (METR)	F ₂ (METR)	bar	P ₁	P ₂	A	H ₁	H ₂
A521216-16-30	M24x1,5	M42x2,0	400	16,0	30,0	50,5	41	50
A521216-16-38	M24x1,5	M52x2,0	315	16,0	38,0	52,5	50	60
A521216-20-25	M30x2,0	M36x2,0	400	20,0	25,0	46,0	32	46
A521216-20-30	M30x2,0	M42x2,0	400	20,0	30,0	50,5	41	50
A521216-20-38	M30x2,0	M52x2,0	315	20,0	38,0	52,5	50	60
A521216-25-30	M36x2,0	M42x2,0	400	25,0	30,0	51,0	41	50
A521216-25-38	M36x2,0	M52x2,0	315	25,0	38,0	53,0	50	60
A521216-30-38	M42x2,0	M52x2,0	315	30,0	38,0	53,5	50	60

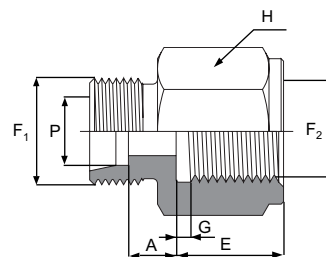
If You wish to order a fitting/ ferrule/ adaptor in stainless, please add at the end of code .SS

ADAPTORS

BRC

A521253

METRIC MALE, LIGHT TYPE (DIN 2353)
BSP PRESSURE GAUGE PORT

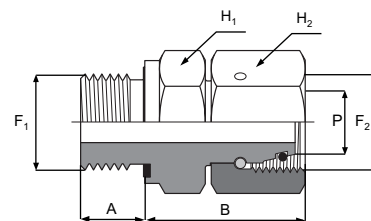


PART. REF.	THREADS	W.P.	DIMENSIONS mm					
	F ₁ (METR)	F ₂ (BSP)	bar	P	A	H	E	G
A521253-06-08	M14x1,5	1/2" - 14	630	6,0	11,0	30	20,0	5,0
A521253-08-08	M16x1,5	1/2" - 14	630	8,0	11,0	30	20,0	5,0
A521253-10-08	M18x1,5	1/2" - 14	630	10,0	10,5	30	20,0	5,0
A521253-12-08	M20x1,5	1/2" - 14	630	12,0	10,5	30	20,0	5,0

If You wish to order a fitting/ ferrule/ adaptor in stainless, please add at the end of code .SS

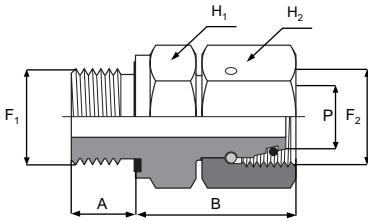
A521415

METRIC MALE (DIN 3852-11)
METRIC FEMALE, LIGHT TYPE (DIN 2353)



PART. REF.	THREADS	W.P.	DIMENSIONS mm					
	F ₁ (METR)	F ₂ (METR)	bar	P	A	H ₁	H ₂	B
A521415-10-06	M10x1,0	M12x1,5	315	6,0	8,0	14	14	24,5
A521415-12-08	M12x1,5	M14x1,5	315	8,0	12,0	17	17	26,5
A521415-14-10	M14x1,5	M16x1,5	315	10,0	12,0	19	19	27,5
A521415-16-12	M16x1,5	M18x1,5	315	12,0	12,0	22	22	30,5
A521415-18-15	M18x1,5	M22x1,5	315	15,0	12,0	24	27	31,5
A521415-22-18	M22x1,5	M26x1,5	315	18,0	14,0	27	32	31,5
A521415-26-22	M26x1,5	M30x2,0	160	22,0	16,0	32	36	32,5
A521415-33-28	M33x2,0	M36x2,0	160	28,0	18,0	41	41	35,0
A521415-42-35	M42x2,0	M45x2,0	160	35,0	20,0	50	50	42,5
A521415-48-42	M48x2,0	M52x2,0	160	42,0	22,0	55	60	46,5

If You wish to order a fitting/ ferrule/ adaptor in stainless, please add at the end of code .SS

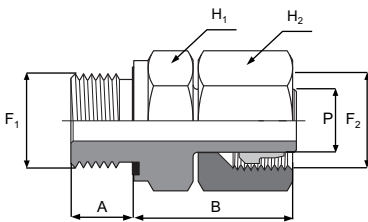


A521416

METRIC MALE (DIN 3852-11)
METRIC FEMALE, HEAVY TYPE (DIN 2353)

PART. REF.	THREADS	W.P.	DIMENSIONS mm					
	F ₁ (METR)	F ₂ (METR)	bar	P	A	H ₁	H ₂	B
A521416-12-06	M12x1,5	M14x1,5	630	6,0	12,0	17	17	27,0
A521416-14-08	M14x1,5	M16x1,5	630	8,0	12,0	19	19	29,5
A521416-16-10	M16x1,5	M18x1,5	630	10,0	12,0	22	22	32,0
A521416-18-12	M18x1,5	M20x1,5	630	12,0	12,0	24	24	34,0
A521416-20-14	M20x1,5	M22x1,5	630	14,0	14,0	27	27	36,5
A521416-22-16	M22x1,5	M24x1,5	400	16,0	14,0	27	30	37,0
A521416-27-20	M27x2,0	M30x2,0	400	20,0	16,0	32	36	43,0
A521416-33-25	M33x2,0	M36x2,0	400	25,0	18,0	41	46	48,0
A521416-42-30	M42x2,0	M42x2,0	400	30,0	20,0	50	50	51,0
A521416-48-38	M48x2,0	M52x2,0	315	38,0	22,0	55	60	60,0

If You wish to order a fitting/ ferrule/ adaptor in stainless, please add at the end of code .SS



A521420

METRIC MALE (DIN 3852-11)
METRIC FEMALE STANDPIPE, LIGHT TYPE (DIN 2353)

PART. REF.	THREADS	W.P.	DIMENSIONS mm					
	F ₁ (METR)	F ₂ (METR)	bar	P	A	H ₁	H ₂	B
A521420-10-06	M10x1,0	M12x1,5	315	6,0	8,0	14	14	24,5
A521420-12-08	M12x1,5	M14x1,5	315	8,0	12,0	17	17	26,5
A521420-14-10	M14x1,5	M16x1,5	315	10,0	12,0	19	19	27,5
A521420-16-12	M16x1,5	M18x1,5	315	12,0	12,0	22	22	30,5
A521420-18-15	M18x1,5	M22x1,5	315	15,0	12,0	24	27	31,5
A521420-22-18	M22x1,5	M26x1,5	315	18,0	14,0	27	32	31,5
A521420-26-22	M26x1,5	M30x2,0	160	22,0	16,0	32	36	32,5

If You wish to order a fitting/ ferrule/ adaptor in stainless, please add at the end of code .SS

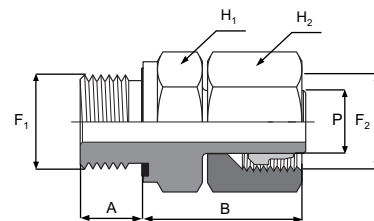
ADAPTORS

BRC

A521421

METRIC MALE (DIN 3852-11)

METRIC FEMALE STANDPIPE, HEAVY TYPE (DIN 2353)

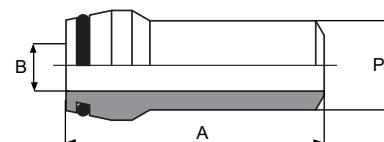


PART. REF.	THREADS		W.P.	DIMENSIONS mm				
	F ₁ (METR)	F ₂ (METR)	bar	P	A	H ₁	H ₂	B
A521421-12-06	M12x1,5	M14x1,5	630	6,0	12,0	17	17	27,0
A521421-14-08	M14x1,5	M16x1,5	630	8,0	12,0	19	19	29,5
A521421-16-10	M16x1,5	M18x1,5	630	10,0	12,0	22	22	32,0
A521421-18-12	M18x1,5	M20x1,5	630	12,0	12,0	24	24	34,0
A521421-20-14	M20x1,5	M22x1,5	630	14,0	14,0	27	27	36,5
A521421-22-16	M22x1,5	M24x1,5	400	16,0	14,0	27	30	37,0
A521421-27-20	M27x2,0	M30x2,0	400	20,0	16,0	32	36	43,0

If You wish to order a fitting/ ferrule/ adaptor in stainless, please add at the end of code .SS

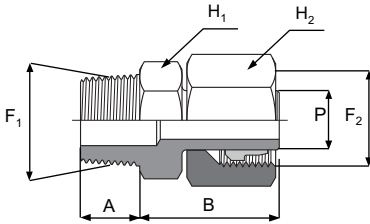
A521695

WELDING FITTING WITH O'RING, HEAVY TYPE (DIN 2353)



PART. REF.	WORKING PRESSURE	DIMENSIONS mm		
	W.P. (bar)	P	A	B
A521695-08-08	630	8,0	31,0	4,0
A521695-10-10	400	10,0	32,5	6,0
A521695-12-12	630	12,0	32,5	7,0
A521695-14-14	400	14,0	38,5	8,0
A521695-16-16	400	16,0	39,0	10,0
A521695-20-20	400	20,0	45,0	12,0
A521695-25-25	315	25,0	49,5	17,0
A521695-30-30	250	30,0	52,0	22,0
A521695-38-52	250	38,0	56,5	28,0

If You wish to order a fitting/ ferrule/ adaptor in stainless, please add at the end of code .SS

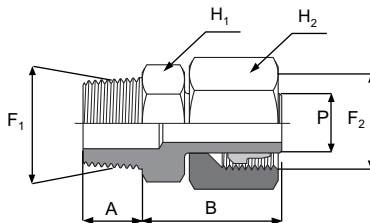


A522820

NPTF MALE (SAE J476A)
METRIC FEMALE STANDPIPE, LIGHT TYPE (DIN 2353)

PART. REF.	THREADS	W.P.	DIMENSIONS mm					
	F ₁ (NPTF)	F ₂ (METR)	W.P.	P	A	H ₁	H ₂	B
A522820-02-06	1/8" - 27	M12x1,5	315	6,0	10,0	12	14	23,0
A522820-04-08	1/4" - 18	M14x1,5	315	8,0	15,0	14	17	27,5
A522820-04-10	1/4" - 18	M16x1,5	315	10,0	15,0	14	19	25,5
A522820-06-12	3/8" - 18	M18x1,5	315	12,0	15,0	19	22	31,5
A522820-08-15	1/2" - 14	M22x1,5	315	15,0	19,5	22	27	29,0
A522820-08-18	1/2" - 14	M26x1,5	315	18,0	19,5	22	32	28,5
A522820-12-22	3/4" - 14	M30x2,0	160	22,0	20,0	27	36	29,5
A522820-16-28	1" - 11 1/2	M36x2,0	160	28,0	23,0	40	46	34,5
A522820-20-35	1.1/4"-11 1/2	M45x2,0	160	35,0	25,5	46	50	39,5
A522820-24-42	1.1/2"-11 1/2	M52x2,0	160	42,0	26,0	50	60	43,5

If You wish to order a fitting/ ferrule/ adaptor in stainless, please add at the end of code .SS



A522821

NPTF MALE (SAE J476A)
METRIC FEMALE STANDPIPE, HEAVY TYPE (DIN 2353)

PART. REF.	THREADS	W.P.	DIMENSIONS mm					
	F ₁ (NPTF)	F ₂ (METR)	bar	P	A	H ₁	H ₂	B
A522821-04-06	1/4" - 18	M14x1,5	630	6,0	15,0	14	17	25,0
A522821-04-08	1/4" - 18	M16x1,5	630	8,0	15,0	14	19	27,5
A522821-06-10	3/8" - 18	M18x1,5	630	10,0	15,0	19	22	29,5
A522821-06-12	3/8" - 18	M20x1,5	630	12,0	15,0	19	24	31,5
A522821-08-16	1/2" - 14	M24x1,5	400	16,0	19,5	22	30	34,0
A522821-12-20	3/4" - 14	M30x2,0	400	20,0	20,0	27	36	40,0
A522821-16-25	1" - 11 1/2	M36x2,0	400	25,0	25,0	36	46	45,0
A522821-20-30	1.1/4"-11 1/2	M42x2,0	400	30,0	25,5	46	50	48,0
A522821-24-38	1.1/2"-11 1/2	M52x2,0	315	38,0	26,0	50	60	57,0

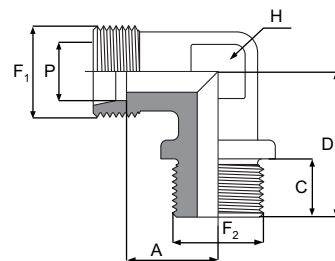
If You wish to order a fitting/ ferrule/ adaptor in stainless, please add at the end of code .SS

ADAPTORS

BRC

A561106

METRIC MALE, LIGHT TYPE (DIN 2353)
BSP FLAT FACE MALE, 90° ELBOW

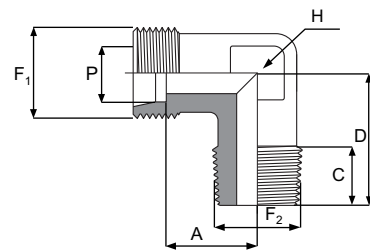


PART. REF.	THREADS	W.P.	DIMENSIONS mm					
	F ₁ (METR)	F ₂ (BSP)	bar	P	A	H	C	D
A561106-22-12	M30x2,0	3/4" - 14	160	22,0	27,5	27	15,0	43,5
A561106-28-16	M36x2,0	1" - 11	160	28,0	30,5	36	17,0	49,0
A561106-35-20	M45x2,0	1.1/4" - 11	160	35,0	34,5	41	19,0	57,0
A561106-42-24	M52x2,0	1.1/2" - 11	160	42,0	40,0	50	20,0	64,0

If You wish to order a fitting/ ferrule/ adaptor in stainless, please add at the end of code .SS

A561107

METRIC MALE, LIGHT TYPE (DIN 2353)
BSP MALE TAPERED (ISO 7), 90° ELBOW

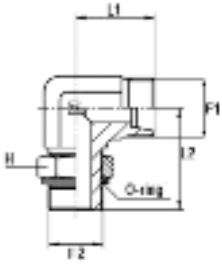


PART. REF.	THREADS	W.P.	DIMENSIONS mm					
	F ₁ (METR)	F ₂ (BSPT)	bar	P	A	H	C	D
A561107-06-02	M12x1,5	1/8" - 28	315	6,0	12,0	12	8,0	20,0
A561107-06-04	M12x1,5	1/4" - 19	315	6,0	14,0	12	12,0	26,0
A561107-08-02	M14x1,5	1/8" - 28	315	8,0	14,0	12	8,0	22,0
A561107-08-04	M14x1,5	1/4" - 19	315	8,0	14,0	12	12,0	26,0
A561107-08-06	M14x1,5	3/8" - 19	315	8,0	16,0	17	12,0	28,0
A561107-10-02	M16x1,5	1/8" - 28	315	10,0	15,0	14	8,0	22,0
A561107-10-04	M16x1,5	1/4" - 19	315	10,0	15,0	14	12,0	27,0
A561107-10-06	M16x1,5	3/8" - 19	315	10,0	17,0	17	12,0	28,0
A561107-12-04	M18x1,5	1/4" - 19	315	12,0	17,0	17	12,0	28,0
A561107-12-06	M18x1,5	3/8" - 19	315	12,0	17,0	17	12,0	28,0
A561107-12-08	M18x1,5	1/2" - 14	315	12,0	20,0	19	14,0	34,0
A561107-15-06	M22x1,5	3/8" - 19	315	15,0	21,0	19	12,0	30,0
A561107-15-08	M22x1,5	1/2" - 14	315	15,0	21,0	19	14,0	34,0
A561107-18-08	M26x1,5	1/2" - 14	315	18,0	23,5	24	14,0	36,0
A561107-22-12	M30x2,0	3/4" - 14	160	22,0	27,5	27	16,0	42,0
A561107-28-16	M36x2,0	1" - 11	160	28,0	30,5	36	18,0	48,0
A561107-35-20	M45x2,0	1.1/4" - 11	160	35,0	34,5	41	20,0	54,0
A561107-42-24	M52x2,0	1.1/2" - 11	160	42,0	40,0	50	22,0	61,0

If You wish to order a fitting/ ferrule/ adaptor in stainless, please add at the end of code .SS

ADAPTORS

BRC

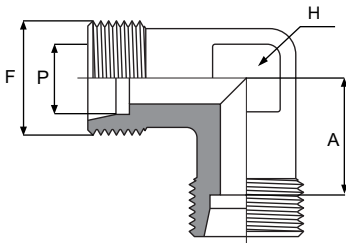


A561109

METRIC MALE, LIGHT TYPE (DIN 2353)
BSP MALE O'RING (ISO 1179-3), 90° ELBOW

PART. REF.	THREADS	W.P.	DIMENSIONS mm				
	F ₁ (METR)	F ₂ (BSP)	W.P.	L ₁	L ₂	H	P
A561109-06-02	M12x1,5	1/8"	315	19,0	26,0	14	6,0
A561109-08-04	M14x1,5	1/4"	315	21,0	32,0	19	8,0
A561109-10-04	M16x1,5	1/4"	315	22,0	32,0	19	10,0
A561109-12-06	M18x1,5	3/8"	250	24,0	37,0	22	12,0
A561109-15-08	M22x1,5	1/2"	250	28,0	44,0	27	15,0
A561109-18-08	M26x1,5	1/2"	250	31,0	47,0	27	18,0
A561109-22-12	M30x2,0	3/4"	160	35,0	51,0	36	22,0
A561109-28-16	M36x2,0	1"	160	38,0	53,0	41	28,0
A561109-35-20	M45x2,0	1.1/4"	160	45,0	59,0	50	35,0
A561109-42-24	M52x2,0	1.1/2"	160	51,0	64,0	55	42,0

If You wish to order a fitting/ ferrule/ adaptor in stainless, please add at the end of code .SS



A561111

METRIC MALE, LIGHT TYPE (DIN 2353), 90° EQUAL ELBOW

PART. REF.	THREADS	W.P.	DIMENSIONS mm		
	F (METR)	W.P.	P	A	H
A561111-06-06	M12x1,5	315	6,0	12,0	12
A561111-08-08	M14x1,5	315	8,0	14,0	12
A561111-10-10	M16x1,5	315	10,0	15,0	14
A561111-12-12	M18x1,5	315	12,0	17,0	17
A561111-15-15	M22x1,5	315	15,0	21,0	19
A561111-18-18	M26x1,5	315	18,0	23,5	24
A561111-22-22	M30x2,0	160	22,0	27,5	27
A561111-28-28	M36x2,0	160	28,0	30,5	36
A561111-35-35	M45x2,0	160	35,0	34,5	41
A561111-42-42	M52x2,0	160	42,0	40,0	50

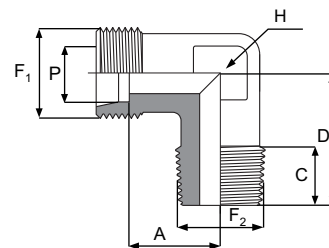
If You wish to order a fitting/ ferrule/ adaptor in stainless, please add at the end of code .SS

ADAPTORS

BRC

A561128

METRIC MALE, LIGHT TYPE (DIN 2353)
NPT MALE (SAE J476A), 90° ELBOW

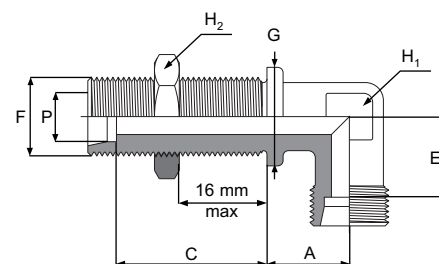


PART. REF.	THREADS	W.P.	DIMENSIONS mm					
	F ₁ (METR)	F ₂ (NPT)	bar	P	A	H ₁	C	D
A561128-06-02	M12x1,5	1/8" - 27	315	6,0	12,0	12	10,0	20,0
A561128-08-04	M14x1,5	1/4" - 18	315	8,0	14,0	12	15,0	26,0
A561128-10-04	M16x1,5	1/4" - 18	315	10,0	15,0	14	15,0	27,0
A561128-12-04	M18x1,5	1/4" - 18	315	12,0	17,0	17	15,0	28,0
A561128-12-06	M18x1,5	3/8" - 18	315	12,0	17,0	17	15,0	28,0
A561128-15-08	M22x1,5	1/2" - 14	315	15,0	21,0	19	19,5	34,0
A561128-18-08	M26x1,5	1/2" - 14	315	18,0	23,5	24	19,5	36,0
A561128-22-12	M30x2,0	3/4" - 14	160	22,0	27,5	27	20,0	42,0
A561128-28-16	M36x2,0	1" - 11 1/2	160	28,0	30,5	36	25,0	48,0
A561128-35-20	M45x2,0	1 1/4" - 11 1/2	160	35,0	34,5	41	25,5	57,0

If You wish to order a fitting/ ferrule/ adaptor in stainless, please add at the end of code .SS

A561177

METRIC BULKHEAD MALE, LIGHT TYPE (DIN 2353), 90° ELBOW

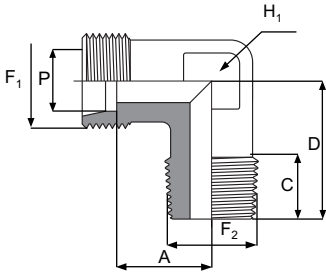


PART. REF.	THREADS	W.P.	DIMENSIONS mm						
	F (METR)	bar	P	A	H ₁	C	H ₂	E	G
A561177-06-06	M12x1,5	315	6,0	14,0	12	27,0	17	12,0	17,0
A561177-08-08	M14x1,5	315	8,0	17,0	12	27,0	19	14,0	19,0
A561177-10-10	M16x1,5	315	10,0	18,0	14	28,0	22	15,0	22,0
A561177-12-12	M18x1,5	315	12,0	20,0	17	29,0	24	17,0	24,0
A561177-15-15	M22x1,5	315	15,0	23,0	19	31,0	30	21,0	27,0
A561177-18-18	M26x1,5	315	18,0	24,0	24	32,5	36	23,5	32,0
A561177-22-22	M30x2,0	160	22,0	30,0	27	34,5	41	27,5	36,0
A561177-28-28	M36x2,0	160	28,0	34,0	36	35,5	46	30,5	42,0
A561177-35-35	M45x2,0	160	35,0	39,0	41	36,5	55	34,5	50,0
A561177-42-42	M52x2,0	160	42,0	43,0	50	36,0	65	40,0	60,0

If You wish to order a fitting/ ferrule/ adaptor in stainless, please add at the end of code .SS

ADAPTORS

BRC

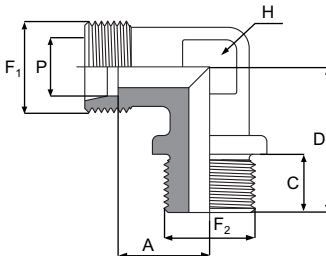


A561188

METRIC MALE, LIGHT TYPE (DIN 2353)
METRIC MALE TAPERED, 90° ELBOW

PART. REF.	THREADS	W.P.	DIMENSIONS mm					
	F ₁ (METR)	F ₂ (METR)	bar	P	A	H ₁	C	D
A561188-06-10	M12x1,5	M10x1,0	315	6,0	12,0	12	8,0	20,0
A561188-08-12	M14x1,5	M12x1,5	315	8,0	14,0	12	12,0	26,0
A561188-10-14	M16x1,5	M14x1,5	315	10,0	15,0	14	12,0	27,0
A561188-12-16	M18x1,5	M16x1,5	315	12,0	17,0	17	12,0	28,0
A561188-15-18	M22x1,5	M18x1,5	315	15,0	21,0	19	12,0	32,0
A561188-18-22	M26x1,5	M22x1,5	315	18,0	23,5	24	14,0	36,0

If You wish to order a fitting/ ferrule/ adaptor in stainless, please add at the end of code .SS



A561206

METRIC MALE, HEAVY TYPE (DIN 2353)
BSP FLAT FACE MALE, 90° ELBOW

PART. REF.	THREADS	W.P.	DIMENSIONS mm					
	F ₁ (METR)	F ₂ (BSP)	bar	P	A	H	C	D
A561206-20-12	M30x2,0	3/4" - 14	400	20,0	26,5	27	15,0	43,5
A561206-25-16	M36x2,0	1" - 11	400	25,0	30,0	36	17,0	49,0
A561206-30-24	M42x2,0	1.1/4" - 11	400	30,0	41,0	50	20,0	64,0
A561206-38-24	M52x2,0	1.1/2" - 11	400	38,0	41,0	50	20,0	72,0

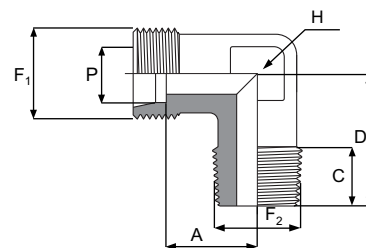
If You wish to order a fitting/ ferrule/ adaptor in stainless, please add at the end of code .SS

ADAPTORS

BRC

A561207

METRIC MALE HEAVY TYPE (DIN 2353)
BSP MALE TAPERED (ISO 7), 90° ELBOW

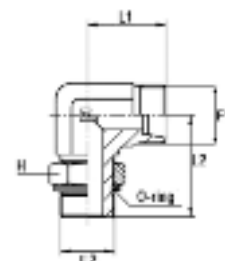


PART. REF.	THREADS		W.P.	DIMENSIONS mm				
	F ₁ (METR)	F ₂ (BSPT)	bar	P	A	H	C	D
A561207-06-04	M14x1,5	1/4" - 19	630	6,0	16,0	12	12,0	26,0
A561207-08-04	M16x1,5	1/4" - 19	630	8,0	17,0	14	12,0	27,0
A561207-08-06	M16x1,5	3/8" - 19	630	10,0	17,5	17	12,0	28,0
A561207-12-06	M20x1,5	3/8" - 19	630	12,0	21,5	17	12,0	28,0
A561207-12-08	M20x1,5	1/2" - 14	630	12,0	20,5	19	14,0	32,0
A561207-14-06	M22x1,5	3/8" - 19	630	14,0	22,0	19	12,0	30,0
A561207-14-08	M22x1,5	1/2" - 14	630	14,0	22,0	19	14,0	32,0
A561207-16-08	M24x1,5	1/2" - 14	400	16,0	24,5	24	14,0	32,0
A561207-20-12	M30x2,0	3/4" - 14	400	20,0	26,5	27	16,0	42,0
A561207-25-16	M36x2,0	1" - 11	400	25,0	30,0	36	18,0	48,0
A561207-30-20	M42x2,0	1.1/4" - 11	400	30,0	35,5	41	20,0	54,0

If You wish to order a fitting/ ferrule/ adaptor in stainless, please add at the end of code .SS

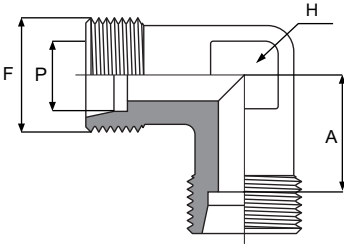
A561209

METRIC MALE HEAVY TYPE (DIN 2353)
BSP MALE O'RING, 90° ELBOW



PART. REF.	THREADS		W.P.	DIMENSIONS mm				
	F ₁ (METR)	F ₂ (BSP)	bar	L ₁	L ₂	H	P	
A561209-06-04	M14x1,5	1/4"	315	23,0	32,0	19	6,0	
A561209-08-04	M16x1,5	1/4"	315	24,0	32,0	19	8,0	
A561209-10-06	M18x1,5	3/8"	250	25,0	37,0	22	10,0	
A561209-12-06	M20x1,5	3/8"	250	29,0	37,0	22	12,0	
A561209-14-08	M22x1,5	1/2"	250	30,0	44,0	27	14,0	
A561209-16-08	M24x1,5	1/2"	250	33,0	47,0	27	16,0	
A561209-20-12	M30x2,0	3/4"	250	37,0	51,0	36	20,0	
A561209-25-16	M36x2,0	1"	200	42,0	53,0	41	25,0	
A561209-30-20	M45x2,0	1.1/4"	200	49,0	59,0	50	30,0	
A561209-38-24	M52x2,0	1.1/2"	160	57,0	64,0	55	38,0	

If You wish to order a fitting/ ferrule/ adaptor in stainless, please add at the end of code .SS

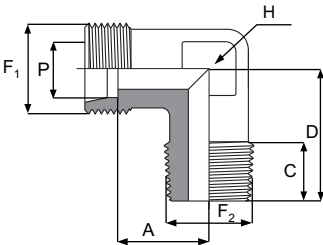


A561212

METRIC MALE HEAVY TYPE (DIN 2353), 90° ELBOW

PART. REF.	THREADS	W.P.	DIMENSIONS mm		
	F (METR)	bar	P	A	H
A561212-06-06	M14x1,5	630	6,0	16,0	12
A561212-08-08	M16x1,5	630	8,0	17,0	14
A561212-10-10	M18x1,5	630	10,0	17,5	17
A561212-12-12	M20x1,5	630	12,0	21,5	17
A561212-14-14	M22x1,5	630	14,0	22,0	19
A561212-16-16	M24x1,5	400	16,0	24,5	24
A561212-20-20	M30x2,0	400	20,0	26,5	27
A561212-25-25	M36x2,0	400	25,0	30,0	36
A561212-30-30	M42x2,0	400	30,0	35,5	41
A561212-38-38	M52x2,0	400	38,0	41,0	50

If You wish to order a fitting/ ferrule/ adaptor in stainless, please add at the end of code .SS



A561228

METRIC MALE, HEAVY TYPE (DIN 2353)
NPT MALE (SAE J476A), 90° ELBOW

PART. REF.	THREADS		W.P.	DIMENSIONS mm				
	F ₁ (METR)	F ₂ (NPT)	bar	P	A	H ₁	C	D
A561228-08-04	M16x1,5	1/4" - 18	630	8,0	17,0	14	15,0	27,0
A561228-10-06	M18x1,5	3/8" - 18	630	10,0	17,5	17	15,0	28,0
A561228-12-06	M20x1,5	3/8" - 18	630	12,0	21,5	17	15,0	28,0
A561228-14-08	M22x1,5	1/2" - 14	630	14,0	22,0	19	19,5	34,0
A561228-16-08	M24x1,5	1/2" - 14	400	16,0	24,5	24	19,5	36,0
A561228-20-12	M30x2,0	3/4" - 14	400	20,0	26,5	27	20,0	42,0

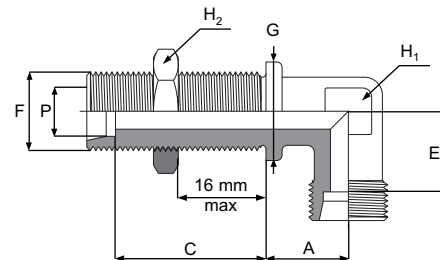
If You wish to order a fitting/ ferrule/ adaptor in stainless, please add at the end of code .SS

ADAPTORS

BRC

A561287

METRIC BULKHEAD MALE, HEAVY TYPE (DIN 2353), 90° ELBOW

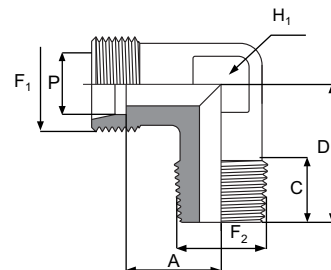


PART. REF.	THREADS	W.P.	DIMENSIONS mm						
	F (METR)	bar	P	A	H ₁	C	H ₂	E	G
A561287-06-06	M14x1,5	630	6,0	17,0	12	29,0	19	16,0	19,0
A561287-08-08	M16x1,5	630	8,0	18,0	14	29,0	22	17,0	22,0
A561287-10-10	M18x1,5	630	10,0	20,0	17	29,5	24	17,5	24,0
A561287-12-12	M20x1,5	630	12,0	21,0	17	30,5	27	21,5	27,0
A561287-14-14	M22x1,5	630	14,0	23,0	19	32,0	30	22,0	27,0
A561287-16-16	M24x1,5	400	16,0	24,0	24	31,5	32	24,5	30,0
A561287-20-20	M30x2,0	400	20,0	30,0	27	33,5	41	26,5	36,0
A561287-25-25	M36x2,0	400	25,0	34,0	36	35,0	46	30,0	42,0
A561287-30-30	M42x2,0	400	30,0	39,0	41	37,5	50	35,5	50,0
A561287-38-38	M52x2,0	400	38,0	43,0	50	37,0	65	41,0	60,0

If You wish to order a fitting/ ferrule/ adaptor in stainless, please add at the end of code .SS

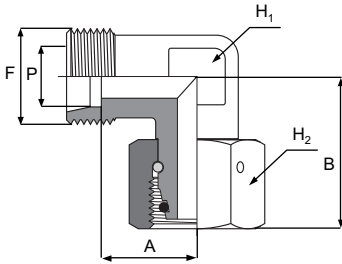
A561288

METRIC MALE, HEAVY TYPE (DIN 2353)
METRIC MALE TAPERED, 90° ELBOW



PART. REF.	THREADS	W.P.	DIMENSIONS mm					
	F ₁ (METR)	F ₂ (METR)	bar	P	A	H ₁	C	D
A561288-06-12	M14x1,5	M12x1,5	630	6,0	16,0	12	12,0	20,0
A561288-08-14	M16x1,5	M14x1,5	630	8,0	17,0	14	12,0	20,0
A561288-10-16	M18x1,5	M16x1,5	630	10,0	17,5	17	12,0	28,0
A561288-12-18	M20x1,5	M18x1,5	630	12,0	21,5	17	12,0	28,0
A561288-14-20	M22x1,5	M20x1,5	630	14,0	22,0	19	14,0	32,0
A561288-16-22	M24x1,5	M22x1,5	400	16,0	24,5	24	14,0	32,0

If You wish to order a fitting/ ferrule/ adaptor in stainless, please add at the end of code .SS



A581115

METRIC FEMALE STUD ELBOW, LIGHT TYPE (DIN 2353)

PART. REF.	THREADS	W.P.	DIMENSIONS mm				
	F (METR)	bar	P	A	H ₁	H ₂	B
A581115-06-12	M12x1,5	315	6,0	12,0	12	14	26,0
A581115-08-14	M14x1,5	315	8,0	14,0	12	17	27,0
A581115-10-16	M16x1,5	315	10,0	15,0	14	19	28,5
A581115-12-18	M18x1,5	315	12,0	17,0	17	22	29,0
A581115-15-22	M22x1,5	315	14,0	21,0	19	27	32,0
A581115-18-26	M26x1,5	315	18,0	23,5	24	32	35,0
A581115-22-30	M30x2,0	160	22,0	27,5	27	36	38,0
A581115-28-36	M36x2,0	160	28,0	30,5	36	41	41,5
A581115-35-45	M45x2,0	160	35,0	34,5	41	50	51,0
A581115-42-52	M52x2,0	160	42,0	40,0	50	60	56,0

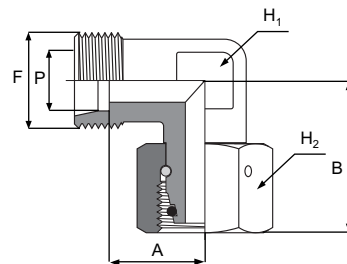
If You wish to order a fitting/ ferrule/ adaptor in stainless, please add at the end of code .SS

ADAPTORS

BRC

A581216

METRIC FEMALE STUD ELBOW, HEAVY TYPE (DIN 2353)

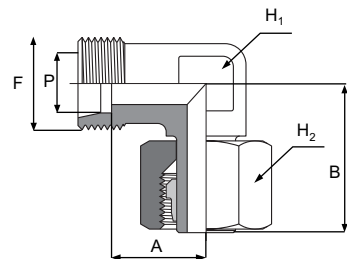


PART. REF.	THREADS	W.P.	DIMENSIONS mm				
	F (METR)	bar	P	A	H ₁	H ₂	B
A581216-06-14	M14x1,5	630	6,0	16,0	12	17	27,0
A581216-08-16	M16x1,5	630	8,0	17,0	14	19	27,0
A581216-10-18	M18x1,5	630	10,0	17,5	17	22	29,5
A581216-12-20	M20x1,5	630	12,0	21,5	17	24	30,5
A581216-14-22	M22x1,5	630	14,0	22,0	19	27	34,5
A581216-16-24	M24x1,5	400	16,0	24,5	24	30	36,0
A581216-20-30	M30x2,0	400	20,0	26,5	27	36	44,0
A581216-25-36	M36x2,0	400	25,0	30,0	36	46	49,5
A581216-30-42	M42x2,0	400	30,0	35,5	41	50	55,0
A581216-38-52	M52x2,0	315	38,0	41,0	50	60	63,0

If You wish to order a fitting/ ferrule/ adaptor in stainless, please add at the end of code .SS

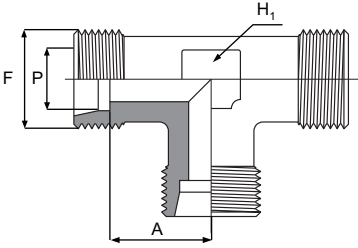
A581221

METRIC FEMALE STUD STANDPIPE 90° ELBOW, HEAVY TYPE (DIN 2353)



PART. REF.	THREADS	W.P.	DIMENSIONS mm				
	F (METR)	bar	P	A	H ₁	H ₂	B
A581221-06-14	M14x1,5	630	6,0	16,0	12	17	27,0
A581221-08-16	M16x1,5	630	8,0	17,0	14	19	27,5
A581221-10-18	M18x1,5	630	10,0	17,5	17	22	30,0
A581221-12-20	M20x1,5	630	12,0	21,5	17	24	31,0
A581221-14-22	M22x1,5	630	14,0	22,0	19	27	35,0
A581221-16-24	M24x1,5	400	16,0	24,5	24	30	36,5
A581221-20-30	M30x2,0	400	20,0	26,5	27	36	44,5

If You wish to order a fitting/ ferrule/ adaptor in stainless, please add at the end of code .SS

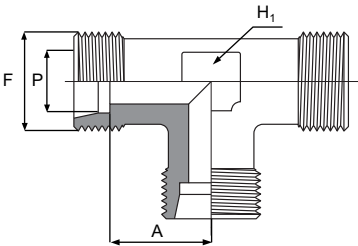


A701111

UNION TEE, LIGHT TYPE (DIN 2353)

PART. REF.	THREADS	W.P.	DIMENSIONS mm		
	F (METR)	bar	P	A	H ₁
A701111-06-06	M12x1,5	315	6,0	12,0	12
A701111-08-08	M14x1,5	315	8,0	14,0	12
A701111-10-10	M16x1,5	315	10,0	15,0	14
A701111-12-12	M18x1,5	315	12,0	17,0	17
A701111-15-15	M22X1,5	315	15,0	21,0	19
A701111-18-18	M26X1,5	160	18,0	23,5	24
A701111-22-22	M30X2,0	160	22,0	27,5	27
A701111-28-28	M36X2,0	160	28,0	30,5	36
A701111-35-35	M45X2,0	160	35,0	34,5	41
A701111-42-42	M52X2,0	160	42,0	40,0	50

If You wish to order a fitting/ ferrule/ adaptor in stainless, please add at the end of code .SS



A701212

UNION TEE, HEAVY TYPE (DIN 2353)

PART. REF.	THREADS	W.P.	DIMENSIONS mm		
	F (METR)	bar	P	A	H ₁
A701212-06-06	M14x1,5	630	6,0	16,0	12
A701212-08-08	M16x1,5	630	8,0	17,0	14
A701212-10-10	M18x1,5	630	10,0	17,5	17
A701212-12-12	M20x1,5	630	12,0	21,5	17
A701212-14-14	M22X1,5	630	14,0	22,0	19
A701212-16-16	M24X1,5	400	16,0	24,5	24
A701212-20-20	M30X2,0	400	20,0	26,5	27
A701212-25-25	M36X2,0	400	25,0	30,0	36
A701212-30-30	M42X2,0	400	30,0	35,5	41
A701212-38-38	M52X2,0	400	38,0	41,0	50

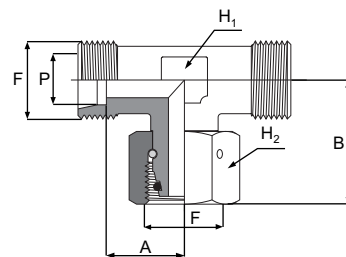
If You wish to order a fitting/ ferrule/ adaptor in stainless, please add at the end of code .SS

ADAPTORS

BRC

A711115

ADJUSTABLE STUD BRANCH TEE WITH O'RING, LIGHT TYPE (DIN 2353)

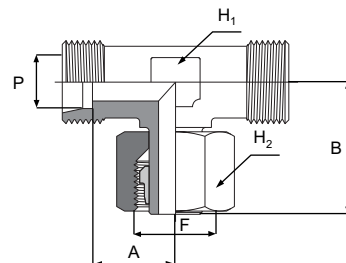


PART. REF.	THREADS	W.P.	DIMENSIONS mm				
	F (METR)	bar	P	A	H ₁	H ₂	B
A711115-06-12	M12x1,5	315	6,0	12,0	12	14	26,0
A711115-08-14	M14x1,5	315	8,0	14,0	12	17	27,5
A711115-10-16	M16x1,5	315	10,0	15,0	14	19	29,0
A711115-12-18	M18x1,5	315	12,0	17,0	17	22	29,5
A711115-15-22	M22x1,5	315	15,0	21,0	19	27	32,5
A711115-18-26	M26x1,5	315	18,0	23,5	24	32	35,5
A711115-22-30	M30x2,0	160	22,0	27,5	27	36	38,5
A711115-28-36	M36x2,0	160	28,0	30,5	36	41	41,5
A711115-35-45	M45x2,0	160	35,0	34,5	41	50	51,5
A711115-42-52	M52x2,0	160	42,0	40,0	50	60	56,0

If You wish to order a fitting/ ferrule/ adaptor in stainless, please add at the end of code .SS

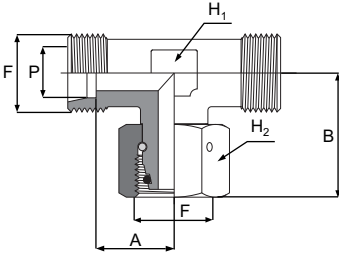
A711120

ADJUSTABLE STUD BRANCH TEE, LIGHT TYPE (DIN 2353)



PART. REF.	THREADS	W.P.	DIMENSIONS mm				
	F (METR)	bar	P	A	H ₁	H ₂	B
A711120-06-12	M12x1,5	315	6,0	12,0	12	14	26,0
A711120-08-14	M14x1,5	315	8,0	14,0	12	17	27,0
A711120-10-16	M16x1,5	315	10,0	15,0	14	19	28,5
A711120-12-18	M18x1,5	315	12,0	17,0	17	22	29,0
A711120-15-22	M22x1,5	315	15,0	21,0	19	27	32,0
A711120-18-26	M26x1,5	315	18,0	23,5	24	32	35,0
A711120-22-30	M30x2,0	160	22,0	27,5	27	36	38,0
A711120-28-36	M36x2,0	160	28,0	30,5	36	41	41,5
A711120-35-45	M45x2,0	160	35,0	34,5	41	50	51,0
A711120-42-52	M52x2,0	160	42,0	40,0	50	60	56,0

If You wish to order a fitting/ ferrule/ adaptor in stainless, please add at the end of code .SS

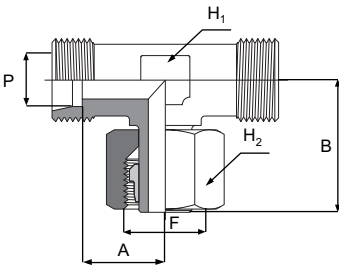


A711216

ADJUSTABLE STUD BRANCH TEE WITH O'RING, HEAVY TYPE (DIN 2353)

PART. REF.	THREADS	W.P.	DIMENSIONS mm				
	F (METR)	bar	P	A	H ₁	H ₂	B
A711216-06-14	M14x1,5	630	6,0	16,0	12	17	27,0
A711216-08-16	M16x1,5	630	8,0	17,0	14	19	27,5
A711216-10-18	M18x1,5	630	10,0	17,5	17	22	30,0
A711216-12-20	M20x1,5	630	12,0	21,5	17	24	31,0
A711216-14-22	M22x1,5	630	14,0	22,0	19	27	35,0
A711216-16-24	M24x1,5	400	16,0	24,5	24	30	36,5
A711216-20-30	M30x2,0	400	20,0	26,5	27	36	44,5
A711216-25-36	M36x2,0	400	25,0	30,0	36	46	50,0
A711216-30-42	M42x2,0	400	30,0	35,5	41	50	55,5
A711216-38-52	M52x2,0	315	38,0	41,0	50	60	63,0

If You wish to order a fitting/ ferrule/ adaptor in stainless, please add at the end of code .SS



A711221

ADJUSTABLE STUD BRANCH TEE, HEAVY TYPE (DIN 2353)

PART. REF.	THREADS	W.P.	DIMENSIONS mm				
	F (METR)	bar	P	A	H ₁	H ₂	B
A711221-06-14	M14x1,5	630	6,0	16,0	12	17	27,0
A711221-08-16	M16x1,5	630	8,0	17,0	14	19	27,0
A711221-10-18	M18x1,5	630	10,0	17,5	17	22	29,5
A711221-12-20	M20x1,5	630	12,0	21,5	17	24	30,5
A711221-14-22	M22x1,5	630	14,0	22,0	19	27	34,5
A711221-16-24	M24x1,5	400	16,0	24,5	24	30	36,0
A711221-20-30	M30x2,0	400	20,0	26,5	27	36	44,0
A711221-25-36	M36x2,0	400	25,0	30,0	36	46	49,5
A711221-30-42	M42x2,0	400	30,0	35,5	41	50	55,0
A711221-38-52	M52x2,0	400	38,0	41,0	50	60	63,0

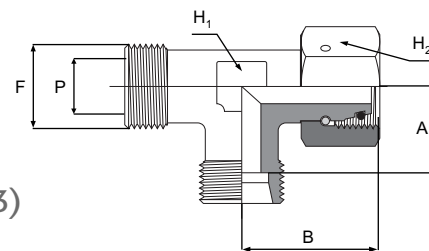
If You wish to order a fitting/ ferrule/ adaptor in stainless, please add at the end of code .SS

ADAPTORS

BRC

A721115

ADJUSTABLE STUD RUN TEE WITH O'RING, LIGHT TYPE (DIN 2353)

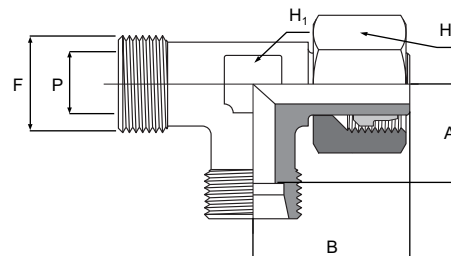


PART. REF.	THREADS	W.P.	DIMENSIONS mm				
	F (METR)	bar	P	A	H ₁	H ₂	B
A721115-06-12	M12x1,5	315	6,0	12,0	12	14	26,0
A721115-08-14	M14x1,5	315	8,0	14,0	12	17	27,5
A721115-10-16	M16x1,5	315	10,0	15,0	14	19	29,0
A721115-12-18	M18x1,5	315	12,0	17,0	17	22	29,5
A721115-15-22	M22x1,5	315	15,0	21,0	19	27	32,5
A721115-18-26	M26x1,5	160	18,0	23,5	24	32	35,5
A721115-22-30	M30x2,0	160	22,0	27,5	27	36	38,5
A721115-28-36	M36x2,0	160	28,0	30,5	36	41	41,5
A721115-35-45	M45x2,0	160	35,0	34,5	41	50	51,5
A721115-42-52	M52x2,0	160	42,0	40,0	50	60	56,0

If You wish to order a fitting/ ferrule/ adaptor in stainless, please add at the end of code .SS

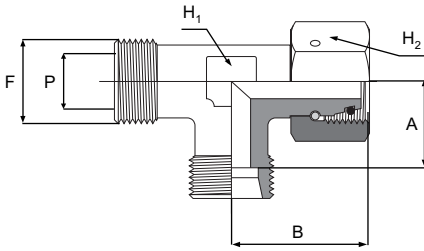
A721120

ADJUSTABLE STUD RUN TEE, LIGHT TYPE (DIN 2353)



PART. REF.	THREADS	W.P.	DIMENSIONS mm				
	F (METR)	bar	P	A	H ₁	H ₂	B
A721120-06-12	M12x1,5	315	6,0	12,0	12	14	26,0
A721120-08-14	M14x1,5	315	8,0	14,0	12	17	27,0
A721120-10-16	M16x1,5	315	10,0	15,0	14	19	28,5
A721120-12-18	M18x1,5	315	12,0	17,0	17	22	29,0
A721120-15-22	M22x1,5	315	15,0	21,0	19	27	32,0
A721120-18-26	M26x1,5	315	18,0	23,5	24	32	35,0
A721120-22-30	M30x2,0	160	22,0	27,5	27	36	38,0
A721120-28-36	M36x2,0	160	28,0	30,5	36	41	41,5
A721120-35-45	M45x2,0	160	35,0	34,5	41	50	51,0
A721120-42-52	M52x2,0	160	42,0	40,0	50	60	56,0

If You wish to order a fitting/ ferrule/ adaptor in stainless, please add at the end of code .SS

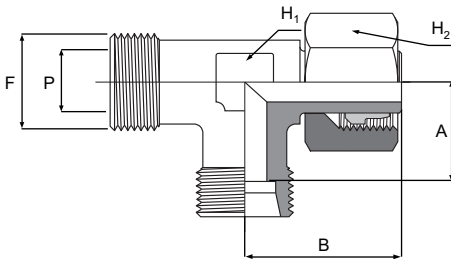


A721216

ADJUSTABLE STUD RUN TEE WITH O'RING, HEAVY TYPE (DIN 2353)

PART. REF.	THREADS	W.P.	DIMENSIONS mm				
	F (METR)	bar	P	A	H ₁	H ₂	B
A721216-06-14	M14x1,5	630	6,0	16,0	12	17	27,0
A721216-08-16	M16x1,5	630	8,0	17,0	14	19	27,5
A721216-10-18	M18x1,5	630	10,0	17,5	17	22	30,0
A721216-12-20	M20x1,5	630	12,0	21,5	17	24	31,0
A721216-14-22	M22x1,5	630	14,0	22,0	19	27	35,0
A721216-16-24	M24x1,5	400	16,0	24,5	24	30	36,5
A721216-20-30	M30x2,0	400	20,0	26,5	27	36	44,5
A721216-25-36	M36x2,0	400	25,0	30,0	36	46	50,0
A721216-30-42	M42x2,0	400	30,0	35,5	41	50	55,5
A721216-38-52	M52x2,0	315	38,0	41,0	50	60	63,0

If You wish to order a fitting/ ferrule/ adaptor in stainless, please add at the end of code .SS



A721221

ADJUSTABLE STUD RUN TEE, HEAVY TYPE (DIN 2353)

PART. REF.	THREADS	W.P.	DIMENSIONS mm				
	F (METR)	bar	P	A	H ₁	H ₂	B
A721221-06-14	M14x1,5	630	6,0	16,0	12	17	27,0
A721221-08-16	M16x1,5	630	8,0	17,0	14	19	27,0
A721221-10-18	M18x1,5	630	10,0	17,5	17	22	29,5
A721221-12-20	M20x1,5	630	12,0	21,5	17	24	30,5
A721221-14-22	M22x1,5	630	14,0	22,0	19	27	34,5
A721221-16-24	M24x1,5	400	16,0	24,5	24	30	36,0
A721221-20-30	M30x2,0	400	20,0	26,5	27	36	44,0
A721221-25-36	M36x2,0	400	25,0	30,0	36	46	49,5
A721221-30-42	M42x2,0	400	30,0	35,5	41	50	55,0
A721221-38-52	M52x2,0	315	38,0	41,0	50	60	63,0

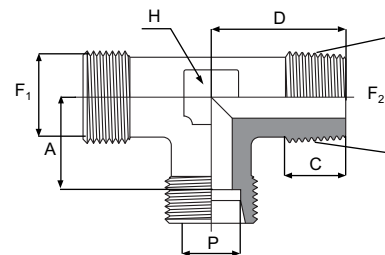
If You wish to order a fitting/ ferrule/ adaptor in stainless, please add at the end of code .SS

ADAPTORS

BRC

A761107

MALE STUD RUN TEE, LIGHT SERIES (DIN 2353)
BSP MALE TAPERED (ISO 7)

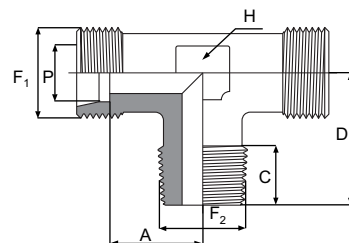


PART. REF.	THREADS		W.P.	DIMENSIONS mm				
	F ₁ (METR)	F ₂ (BSPT)	bar	P	A	H	C	D
A761107-08-04	M14x1,5	1/4" - 19	315	8,0	14,0	12	12,0	26,0
A761107-10-04	M16x1,5	1/4" - 19	315	10,0	15,0	14	12,0	27,0
A761107-12-06	M18x1,5	3/8" - 19	315	12,0	17,0	17	12,0	28,0
A761107-15-08	M22x1,5	1/2" - 14	315	15,0	21,0	19	14,0	34,0
A761107-18-08	M26x1,5	1/2" - 14	315	18,0	23,5	24	14,0	36,0

If You wish to order a fitting/ ferrule/ adaptor in stainless, please add at the end of code .SS

A781107

MALE STUD BRANCH TEE, LIGHT SERIES (DIN 2353)
BSP MALE TAPERED (ISO 7)

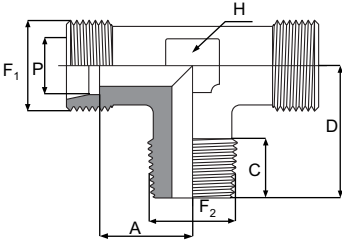


PART. REF.	THREADS		W.P.	DIMENSIONS mm				
	F ₁ (METR)	F ₂ (BSPT)	bar	P	A	H	C	D
A781107-06-02	M12x1,5	1/8" - 28	315	6,0	12,0	12	8,0	20,0
A781107-08-04	M14x1,5	1/4" - 19	315	8,0	14,0	12	12,0	26,0
A781107-10-04	M16x1,5	1/4" - 19	315	10,0	15,0	14	12,0	27,0
A781107-12-06	M18x1,5	3/8" - 19	315	12,0	17,0	17	12,0	28,0
A781107-15-08	M22x1,5	1/2" - 14	315	15,0	21,0	19	14,0	34,0
A781107-18-08	M26x1,5	1/2" - 14	315	18,0	23,5	24	14,0	36,0
A781107-22-12	M30x2,0	3/4" - 14	315	22,0	27,5	27	16,0	42,0

If You wish to order a fitting/ ferrule/ adaptor in stainless, please add at the end of code .SS

ADAPTORS

BRC

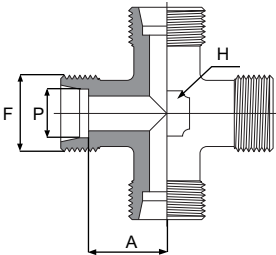


A781207

MALE STUD BRANCH TEE, HEAVY SERIES (DIN 2353)
BSP MALE TAPERED (ISO 7)

PART. REF.	THREADS	W.P.	DIMENSIONS mm					
	F ₁ (METR)	F ₂ (BSPT)	bar	P	A	H	C	D
A781207-06-04	M14x1,5	1/4" - 19	630	6,0	16,0	12	12,0	26,0
A781207-08-04	M16x1,5	1/4" - 19	630	8,0	17,0	14	12,0	27,0
A781207-10-06	M18x1,5	3/8" - 19	630	10,0	17,5	17	12,0	28,0
A781207-12-06	M20x1,5	3/8" - 19	630	12,0	21,5	17	12,0	28,0
A781207-14-08	M22x1,5	1/2" - 14	630	14,0	22,0	19	14,0	32,0
A781207-16-08	M24x1,5	1/2" - 14	400	16,0	24,5	24	14,0	32,0

If You wish to order a fitting/ ferrule/ adaptor in stainless, please add at the end of code .SS



A901111

EQUAL CROSS, LIGHT TYPE (DIN 2353)

PART. REF.	THREADS	W.P.	DIMENSIONS mm			
	F (METR)	bar	P	A	H	
A901111-06-06	M12x1,5	315	6,0	12,0	12	
A901111-08-08	M14x1,5	315	8,0	14,0	12	
A901111-10-10	M16x1,5	315	10,0	15,0	14	
A901111-12-12	M18x1,5	315	12,0	17,0	17	
A901111-15-15	M22x1,5	315	15,0	21,0	19	
A901111-18-18	M26x1,5	315	18,0	23,5	24	
A901111-22-22	M30x2,0	160	22,0	27,5	27	
A901111-28-28	M36x2,0	160	28,0	30,5	36	
A901111-35-35	M45x2,0	160	35,0	34,5	41	
A901111-42-42	M52x2,0	160	42,0	40,0	50	

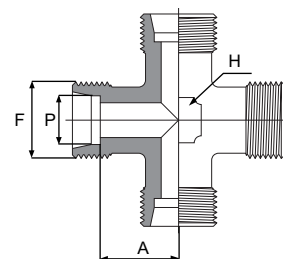
If You wish to order a fitting/ ferrule/ adaptor in stainless, please add at the end of code .SS

ADAPTORS

BRC

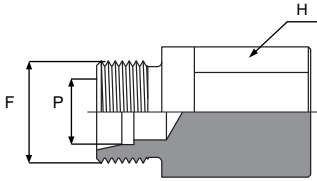
A901212

EQUAL CROSS, HEAVY TYPE (DIN 2353)



PART. REF.	THREADS	W.P.	DIMENSIONS mm		
	F (METR)	bar	P	A	H
A901212-06-06	M14x1,5	630	6,0	16,0	12
A901212-08-08	M16x1,5	630	8,0	17,0	14
A901212-10-10	M18x1,5	630	10,0	17,5	17
A901212-12-12	M20x1,5	630	12,0	21,5	17
A901212-14-14	M22x1,5	630	14,0	22,0	19
A901212-16-16	M24x1,5	400	16,0	24,5	24
A901212-20-20	M30x2,0	400	20,0	26,5	27
A901212-25-25	M36x2,0	400	25,0	30,0	36
A901212-30-30	M42x2,0	400	30,0	35,5	41
A901212-38-38	M52x2,0	400	38,0	41,0	50

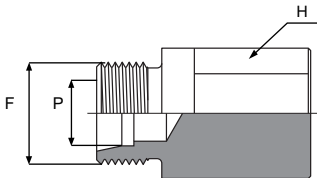
If You wish to order a fitting/ ferrule/ adaptor in stainless, please add at the end of code .SS



PRE-ASSEMBLY TOOL FOR LIGHT
AND HEAVY TYPE BITE RING CONNECTORS (DIN 2353)

PART. REF.	THREADS	DIMENSIONS mm			
	F (METR)	P	H		
JG15532	M12x1,5	6,0	12		
JG15533	M14x1,5	8,0	14		
JG7143	M16x1,5	10,0	17		
JG7144	M18x1,5	12,0	19		
JG15536	M22x1,5	15,0	22		
JG15537	M26x1,5	18,0	27		
JG15538	M30x2,0	22,0	30		
JG15539	M36x2,0	28,0	36		
JG15541	M52x2,0	42,0	50		

If You wish to order a fitting/ ferrule/ adaptor in stainless, please add at the end of code .SS



PRE-ASSEMBLY TOOL FOR LIGHT
AND HEAVY TYPE BITE RING CONNECTORS (DIN 2353)

PART. REF.	THREADS	DIMENSIONS mm			
	F (METR)	P	H		
JG15542	M14x1,5	6,0	14		
JG15543	M16x1,5	8,0	17		
JG15544	M18x1,5	10,0	19		
JG15545	M20x1,5	12,0	19		
JG15546	M22x1,5	14,0	22		
JG15547	M24x1,5	16,0	24		
JG15548	M30x2,0	20,0	30		
JG15549	M36x2,0	25,0	36		
JG15550	M42x2,0	30,0	41		

If You wish to order a fitting/ ferrule/ adaptor in stainless, please add at the end of code .SS

ADAPTORS

ACCESSORIES

METRIC STEEL PIPE (DIN 2391)
ZINC-PLATED METRIC STEEL PIPE (DIN 2391)
ALSO AVAILABLE IN STAINLESS STEEL



PART. REF.	PART. REF.	Outside diameter (O.D.)	Wall thickness	Max. DYNAMIC Working pressure	Max. STATIC Working pressure
(no coating)	(Zinc-plated)	mm	mm	bar	bar
P00450-6000	P00450-6000.Z	4	0,50	277	314
P00475-6000	P00475-6000.Z	4	0,75	415	472
P00410-6000	P00410-6000.Z	4	1,00	555	707
P00575-6000	P00575-6000.Z	5	0,75	332	377
P00510-6000	P00510-6000.Z	5	1,00	443	503
P00675-6000	P00675-6000.Z	6	0,75	294	334
P00610-6000	P00610-6000.Z	6	1,00	394	471
P00875-6000	P00875-6000.Z	8	0,75	294	334
P00810-6000	P00810-6000.Z	8	1,00	441	501
P00815-6000	P00815-6000.Z	8	1,50	436	530
P00820-6000	P00820-6000.Z	8	2,00	555	707
P01010-6000	P01010-6000.Z	10	1,00	249	283
P01015-6000	P01015-6000.Z	10	1,50	374	425
P01020-6000	P01020-6000.Z	10	2,00	499	566
P01025-6000	P01025-6000.Z	10	2,50	555	707
P01210-6000	P01210-6000.Z	12	1,00	207	236
P01215-6000	P01215-6000.Z	12	1,50	311	354
P01220-6000	P01220-6000.Z	12	2,00	394	472
P01410-6000	P01410-6000.Z	14	1,00	178	202
P01415-6000	P01415-6000.Z	14	1,50	267	303
P01420-6000	P01420-6000.Z	14	2,00	356	404
P01425-6000	P01425-6000.Z	14	2,50	445	506
P01510-6000	P01510-6000.Z	15	1,00	166	188

PART. REF.	PART. REF.	Outside diameter (O.D.)	Wall thickness	Max. DYNAMIC Working pressure	Max. STATIC Working pressure
(no coating)	(Zinc-plated)	mm	mm	bar	bar
P01515-6000	P01515-6000.Z	15	1,50	249	283
P01520-6000	P01520-6000.Z	15	2,00	332	377
P01525-6000	P01525-6000.Z	15	2,50	415	472
P01530-6000	P01530-6000.Z	15	3,00	499	566
P01610-6000	P01610-6000.Z	16	1,00	155	177
P01615-6000	P01615-6000.Z	16	1,50	233	265
P01620-6000	P01620-6000.Z	16	2,00	311	354
P01625-6000	P01625-6000.Z	16	2,50	389	442
P01630-6000	P01630-6000.Z	16	3,00	467	531
P01818-6000	P01818-6000.Z	18	1,00	138	157
P01850-6000	P01850-6000.Z	18	1,50	207	236
P01820-6000	P01820-6000.Z	18	2,00	277	314
P01825-6000	P01825-6000.Z	18	2,50	346	393
P01830-6000	P01830-6000.Z	18	3,00	415	472
P02010-6000	P02010-6000.Z	20	1,00	124	141
P02015-6000	P02015-6000.Z	20	1,50	187	212
P02020-6000	P02020-6000.Z	20	2,00	249	283
P02025-6000	P02025-6000.Z	20	2,50	311	354
P02030-6000	P02030-6000.Z	20	3,00	374	425
P02035-6000	P02035-6000.Z	20	3,50	436	495
P02040-6000	P02040-6000.Z	20	4,00	499	566
P02210-6000	P02210-6000.Z	22	1,00	113	128
P02215-6000	P02215-6000.Z	22	1,50	170	193

ADAPTORS

ACCESSORIES

PART. REF.	PART. REF.	Outside diameter (O.D.)	Wall thickness	Max. DYNAMIC Working pressure	Max. STATIC Working pressure
(no coating)	(Zinc-plated)	mm	mm	bar	bar
P02220-6000	P02220-6000.Z	22	2,00	226	257
P02225-6000	P02225-6000.Z	22	2,50	283	322
P02230-6000	P02230-6000.Z	22	3,00	340	386
P02235-6000	P02235-6000.Z	22	3,50	397	450
P02240-6000	P02240-6000.Z	22	4,00	453	515
P02510-6000	P02510-6000.Z	25	1,00	99	113
P02515-6000	P02515-6000.Z	25	1,50	149	170
P02520-6000	P02520-6000.Z	25	2,00	199	228
P02525-6000	P02525-6000.Z	25	2,50	249	283
P02530-6000	P02530-6000.Z	25	3,00	267	303
P02535-6000	P02535-6000.Z	25	3,50	349	396
P02540-6000	P02540-6000.Z	25	4,00	399	453
P02545-6000	P02545-6000.Z	25	4,50	449	510
P02550-6000	P02550-6000.Z	25	5,00	499	566
P02810-6000	P02810-6000.Z	28	1,00	89	101
P02815-6000	P02815-6000.Z	28	1,50	133	151
P02820-6000	P02820-6000.Z	28	2,00	178	202
P02825-6000	P02825-6000.Z	28	2,50	222	253
P02830-6000	P02830-6000.Z	28	3,00	267	303
P02835-6000	P02835-6000.Z	28	3,50	311	354
P02840-6000	P02840-6000.Z	28	4,00	356	404
P02845-6000	P02845-6000.Z	28	4,50	401	455
P02850-6000	P02850-6000.Z	28	5,00	445	506
P03020-6000	P03020-6000.Z	30	2,00	166	188
P03025-6000	P03025-6000.Z	30	2,50	207	236
P03030-6000	P03030-6000.Z	30	3,00	249	283
P03035-6000	P03035-6000.Z	30	3,50	291	330
P03040-6000	P03040-6000.Z	30	4,00	332	377
P03045-6000	P03045-6000.Z	30	4,50	379	425
P03050-6000	P03050-6000.Z	30	5,00	415	472
P03060-6000	P03060-6000.Z	30	6,00	499	566
P03230-6000	P03230-6000.Z	32	3,00	-	263
P03520-6000	P03520-6000.Z	35	2,00	142	161

PART. REF.	PART. REF.	Outside diameter (O.D.)	Wall thickness	Max. DYNAMIC Working pressure	Max. STATIC Working pressure
(no coating)	(Zinc-plated)	mm	mm	bar	bar
P03525-6000	P03525-6000.Z	35	2,50	178	202
P03530-6000	P03530-6000.Z	35	3,00	213	242
P03535-6000	P03535-6000.Z	35	3,50	249	283
P03540-6000	P03540-6000.Z	35	4,00	285	323
P03545-6000	P03545-6000.Z	35	4,50	320	364
P03550-6000	P03550-6000.Z	35	5,00	356	404
P03560-6000	P03560-6000.Z	35	6,00	427	485
P03820-6000	P03820-6000.Z	38	2,00	131	149
P03825-6000	P03825-6000.Z	38	2,50	164	186
P03830-6000	P03830-6000.Z	38	3,00	197	223
P03835-6000	P03835-6000.Z	38	3,50	229	261
P03840-6000	P03840-6000.Z	38	4,00	262	298
P03845-6000	P03845-6000.Z	38	4,50	295	335
P03850-6000	P03850-6000.Z	38	5,00	328	372
P03860-6000	P03860-6000.Z	38	6,00	394	447
P03870-6000	P03870-6000.Z	38	7,00	459	522
P04220-6000	P04220-6000.Z	42	2,00	118	134
P04230-6000	P04230-6000.Z	42	3,00	178	202
P04240-6000	P04240-6000.Z	42	4,00	237	269

O.D. - Pipe outside diameter

I.D. - Pipe inside diameter

T.P. - Test pressure

W.P. - Working pressure

B.P. - Burst pressure

Controls

All the tubes are systematically submitted to :

- a non-destructive Eddy Current test
- a visual inspection.

Finishing :

The tubes are square cut with the ends deburred internally and externally.

Moreover, a wide range of the St 37.4 (DIN 1630) tubes is available with a yellow electrolytically galvanized coating on the outside only to protect from corrosion.

The thickness of this protection is between 10 and 12 µ.

The St.37 tubes can be bent (U shaped) to a radius of 2.5 D mini.

Stocked lengths :

The carbon tubes are stocked in lengths of 6 meters (norm : 0 / + 10 mm) and plugged at each end.

Marking :

The tubes are longitudinally and continuously marked according to the norms.

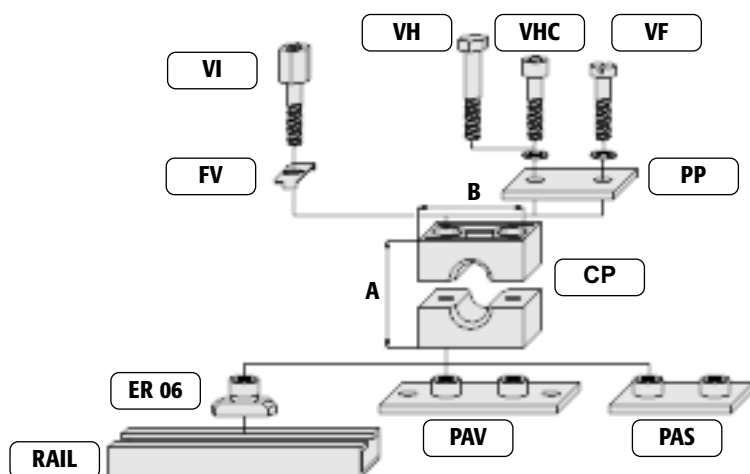
Certificate :

A certificate giving chemical composition and mechanical test results can be supplied with each product upon request.

ADAPTORS

ACCESSORIES

SINGLE STANDARD CLAMPS (DIN 3015)



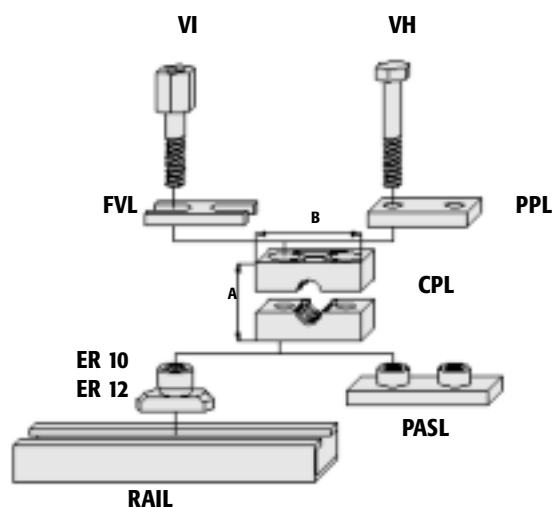
MODULE	Plastic part			Steel base		Intermediary parts (if needed)	
	AND			OR		AND	
	CP			PAV		PAS	
	Polypropylene jaws			Bolt-on base plate		Weld-on base plate	
	Code (diameter)	A mm	B mm	Code	Code	Code	Code
1	CP 06	26,0	34,0	PAV 01	PAS 01	FV	VI 06 x 20
	CP 08	26,0	34,0				
	CP 10	26,0	34,0				
	CP 12	26,0	34,0				
2	CP 13	33,0	40,0	PAV 02	PAS 02	FV	VI 06 x 25
	CP 14	33,0	40,0				
	CP 15	33,0	40,0				
	CP 16	33,0	40,0				
	CP 17	33,0	40,0				
	CP 18	33,0	40,0				
3	CP 19	37,0	48,0	PAV 03	PAS 03	FV	VI 06 x 30
	CP 20	37,0	48,0				
	CP 21	37,0	48,0				
	CP 22	37,0	48,0				
	CP 25	37,0	48,0				
4	CP 27	42,0	57,0	PAV 04	PAS 04	FV	VI 06 x 35
	CP 28	42,0	57,0				
	CP 30	42,0	57,0				
5	CP 32	58,0	70,0	PAV 05	PAS 05	FV	VI 06 x 50
	CP 33	58,0	70,0				
	CP 35	58,0	70,0				
	CP 38	58,0	70,0				
	CP 40	58,0	70,0				
	CP 42	58,0	70,0				
6	CP 48	66,0	86,0	PAV 06	PAS 06	FV	VI 06 x 60

Cover		Fixing screws		
AND		OR	OR	
PP	VF	VH	VHC	
Covering plate	Slot-head screw (DIN 84)	Hex-head screw (DIN 931)	Allen head screw (DIN 912)	
Code	Code	Code	Code	
PP 01	VF 06x20 *10	VH 06x30 *10	VHC 06x20 *10	
PP 02	VF 06x25 *10	VH 06x35 *10	VHC 06x25 *10	
PP 03	VF 06x30 *10	VH 06x40 *10	VHC 06x30 *10	
PP 04	VF 06x35 *10	VH 06x45 *10	VHC 06x35*10	
PP 05	VF 06x50 *10	VH 06x60	VHC 06x50 *10	
PP 06	VF 06x60 *10	VH 06x70	VHC 06x60*10	

ADAPTORS

ACCESSORIES

SINGLE CLAMPS, HEAVY TYPE (DIN 3015)



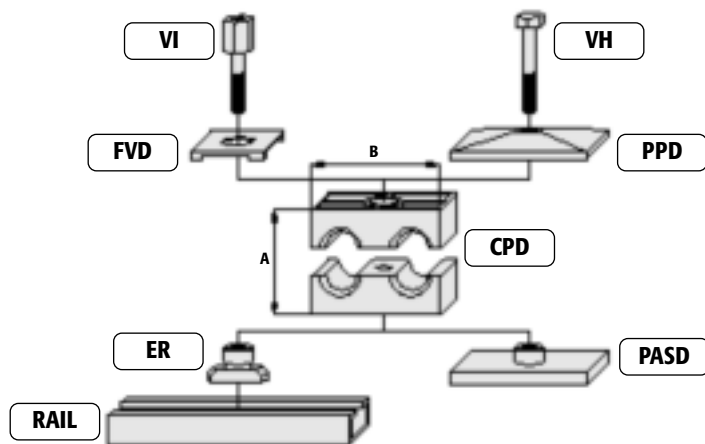
MODULE	AND			AND	AND	AND	OR	AND
	Polypropylene jaws			Weld on base plate	Screw lock washer	Intermediary screw	Covering Plate	Hex-head screw DIN 931
	Code	A	B	Code	Code	Code	Code	Code
1	CPL 06	55,0	32,0	PASL 01	FVL 01	VI 10x26	PPL 01	VH 10x45
	CPL 08	55,0	32,0					
	CPL 10	55,0	32,0					
	CPL 12	55,0	32,0					
	CPL 13	55,0	32,0					
	CPL 14	55,0	32,0					
	CPL 15	55,0	32,0					
	CPL 16	55,0	32,0					
	CPL 17	55,0	32,0					
2	CPL 18	55,0	32,0	PASL 02	FVL 02	VI 10x41	PPL 02	VH 10x60
	CPL 20	70,0	48,0					
	CPL 21	70,0	48,0					
	CPL 22	70,0	48,0					
	CPL 25	70,0	48,0					
	CPL 27	70,0	48,0					
	CPL 28	70,0	48,0					
	CPL 30	70,0	48,0					
	CPL 33	85,0	60,0	PASL 03	FVL 03	VI 10x52	PPL 03	VH 10x70
3	CPL 35	85,0	60,0					
	CPL 38	85,0	60,0					
	CPL 40	85,0	60,0					
	CPL 42	85,0	60,0					

MODULE	AND			AND		AND	OR	AND
	Polypropylene jaws			Weld on base plate	Screw lock washer	Intermediary screw	Covering Plate	Hex-head screw DIN 931
	Code	A mm	B mm	Code	Code	Code	Code	Code
4	CPL 49	120,0	90,0	PASL 04	FVL 04	VI12x83	PPL 04	VH 12x100
	CPL 55	120,0	90,0					
	CPL 61	120,0	90,0					
	CPL 65	120,0	90,0					
	CPL 70	120,0	90,0					
5	CPL 77	152,0	120,0	PASL 05	FVL 05	VI16x110	PPL 05	VH 16x130
	CPL 80	152,0	120,0					
	CPL 89	152,0	120,0					
6	CPL 100	205,0	170,0	PASL 06	FVL 06	-	PPL 06	VH 20x190
	CPL 102	205,0	170,0					
	CPL 114	205,0	170,0					
7	CPL 140	250,0	200,0	PASL 07	FVL 07	-	PPL 07	VH 24x220
	CPL 168	250,0	200,0					
8	CPL 219	320,0	270,0	PASL 08	FVL 08	-	PPL 08	VH 30x300

ADAPTORS

ACCESSORIES

TWIN CLAMPS (DIN 3015)



Rail nut references:

MODULE 1: rail nut ER 06 (M6 thread)

MODULE 2 to 5: rail nut ER 08 (M8 thread)

Base rail is delivered in 2 meter length bar only and suggested in different heights : Rail 1 (H=11 mm); Rail 2 (H=14 mm); Rail 3 (H=30 mm).

In case when you need more then one level of clamps, use Screw lock washer and intermediary screw.

Please state reference or computer code and desired quantities when ordering.

MODULE	AND			AND			OR	
	CPD			PASD	FVD	VI	PPD	VH
	Polypropylene jaws twin series			Weld on base plate	Screw lock washer	Intermediary screw	Covering plate	Hex-head screw
	Code (diameter)	A mm	B mm	Code	Code	Code	Code	Code
1	CPD 06	27,0	36,0	PASD 01	FVD 01	VI 06x20	PPD 01	VH 06x35
	CPD 08	27,0	36,0					
	CPD 10	27,0	36,0					
	CPD 12	27,0	36,0					
2	CPD 13	26,0	53,0	PASD 02	FVD 02-05	VI 08x20	PPD 02	VH 08x35
	CPD 14	26,0	53,0					
	CPD 15	26,0	53,0					
	CPD 16	26,0	53,0					
	CPD 17	26,0	53,0					
	CPD 18	26,0	53,0					
3	CPD 19	37,0	67,0	PASD 03	FVD 02-05	VI 08x30	PPD 03	VH 08x45
	CPD 20	37,0	67,0					
	CPD 21	37,0	67,0					
	CPD 22	37,0	67,0					
	CPD 25	37,0	67,0					
4	CPD 27	42,0	82,0	PASD 04	FVD 02-05	VI 08x45	PPD 04	VH 08x50
	CPD 28	42,0	82,0					
	CPD 30	42,0	82,0					
5	CPD 33	54,0	106,0	PASD 05	FVD 02-05	VI 08x50	PPD 05	VH 08x65
	CPD 35	54,0	106,0					
	CPD 38	54,0	106,0					
	CPD 42	54,0	106,0					

SALES TERMS & CONDITIONS

ALL GOODS AND SERVICES PROVIDED BY MANULI FLUICONNECTO ARE FURNISHED ONLY ON THE TERMS AND CONDITIONS STATED BELOW:

1. Validity and right of variation.

These standard terms and conditions of sales (referred to below as Conditions) apply to the relationship involving the supply of products (referred to below as Products) by Manuli Fluiconnecto Companies to professional operators or end-users (referred to below as Buyer).

Manuli Fluiconnecto does hereby reserve the right to add to, amend or vary the Conditions as herein set out, by including such additions, variations or modifications to the quotation or in any written correspondence addressed to the Buyer.

2. Terms of payment.

Credits shall be granted at Manuli Fluiconnecto's absolute discretion and the following terms of payment shall then apply.

- a. Payment at Net Invoice Value is due no later than the due date indicated in the invoice;
- b. If the Buyer fails to make payment in the time and manner specified by Manuli Fluiconnecto or becomes insolvent or has a receiver appointed or passes a resolution for winding up, Fluiconnecto may suspend, at its option, further deliveries;
- c. In case of default in payment by the date indicated on the invoice and in addition to the other remedies permitted under the applicable law and these Conditions, Manuli Fluiconnecto reserves the right to charge interest, without prior notice, at a rate equal to one and a half times the legal interest rate;
- d. In event Manuli Fluiconnecto does not expressly confirm its willingness to apply the terms of payment referred in this section, the Products shall be paid by the Buyer, by means of cash, check, credit card on delivery or an irrevocable letter of credit confirmed by a primary bank accepted by Manuli Fluiconnecto and cashable against the presentation of the delivery documents and the relevant invoice. Such letter of credit must be received by Manuli Fluiconnecto together with the Buyer's Order.

3. Terms of delivery.

The delivery of the Products shall be EXW (Incoterms 2000).

4. Orders' acceptance and Manuli Fluiconnecto's disclaimers of liability

for any provided information. Any order from the Buyer shall be binding for Manuli Fluiconnecto, only when accepted in writing by Manuli Fluiconnecto itself.

Verbal, telephoned or faxed orders and any modifications to orders must be confirmed in writing by the Buyer, otherwise Manuli Fluiconnecto accepts no responsibility for errors or consequent misunderstandings. Catalogues, price lists or other advertising matters are only an indication of the type of products and no prices or other particulars contained herein shall be binding for Manuli Fluiconnecto.

All information given in price lists and catalogues or any literature are supplied by Manuli Fluiconnecto in good faith; however, whilst every effort has been made to ensure that the information is correct, Manuli Fluiconnecto does not accept any responsibility for errors which may have inadvertently been made.

5. No liability for late delivery.

Manuli Fluiconnecto shall endeavour to complete the agreement and/or deliver the Products within the time agreed (if any) but it shall not be liable for any loss or damage of any kind whatsoever caused directly or indirectly by any delay in the completion of the agreement or delivery of the Products.

6. Acceptance of the Products. All claims for transit damages, loss or shortage of Products must be submitted by the Buyer to Manuli Fluiconnecto, in writing, within 10 (ten) working days from the date in which the Buyer received the forwarded Products.

In absence of claims within these time limits, the Products shall be deemed to have been properly delivered.

7. Compliance with specifications and terms of warranty.

Manuli Fluiconnecto does hereby represent and warrant that the Product shall comply with the technical specifications forwarded by Manuli Fluiconnecto itself to the Buyer with the written acceptance of the Buyer's order. Manuli Fluiconnecto further represents and warrants that the Products are free of defects for a period equal to twelve (12) months from the date of delivery or in accordance with and subject to the limitations of liability provided for by the Products' warranty manuals actually in force in which the Products are delivered to the Buyer.

Such warranty is given in lieu of any additional warranty on the merchantability, quality and fitness for purpose. Consequently, except in case it is proven the Manuli Fluiconnecto's gross negligence, Manuli Fluiconnecto shall not be liable for any direct or indirect damage or loss of profit due to the use, the inability to use, or the incorporation of the Products in other products. Furthermore, under no circumstances Manuli Fluiconnecto shall be liable for wrong choice, bad use or normal wear of the Products.

8. Specific terms and conditions of sale. In the event that the Buyer objects to the inclusion in any agreement with Manuli Fluiconnecto of any of the excluding or exempting or indemnity terms contained herein, such objections must be brought to the attention of Fluiconnecto, in writing, before conclusion of any such agreement so that if (which shall be within the Manuli Fluiconnecto's entire discretion) Manuli Fluiconnecto agrees to the deletion or modification of any such term, appropriate increases in the price of Products to be supplied under such agreement may be agreed to reflect any increase in risks and obligations which Manuli Fluiconnecto may thus agree or bear.

9. Applicable law and settlement of disputes. All agreements with Manuli Fluiconnecto shall be deemed, construed and interpreted in accordance with the law of the country where registered office of Manuli Fluiconnecto is located. Any dispute shall be referred to the Court of the city where registered office of Manuli Fluiconnecto is located, provided however that Manuli Fluiconnecto, at its own discretion, may elect to bring an action against the Buyer before any court of competent jurisdiction. The United Nations Conventions for the International Sales of Goods does not apply to any supply of Products made hereunder by Manuli Fluiconnecto to the Buyer.

NOTE: In case of dispute, only the original English text will be used, the translation being given for guidance only.

All dimension given in this catalogue can be modified at any moment without notice.

No responsibility is undertaken when our products are used incorrectly or wrongly fitted.

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