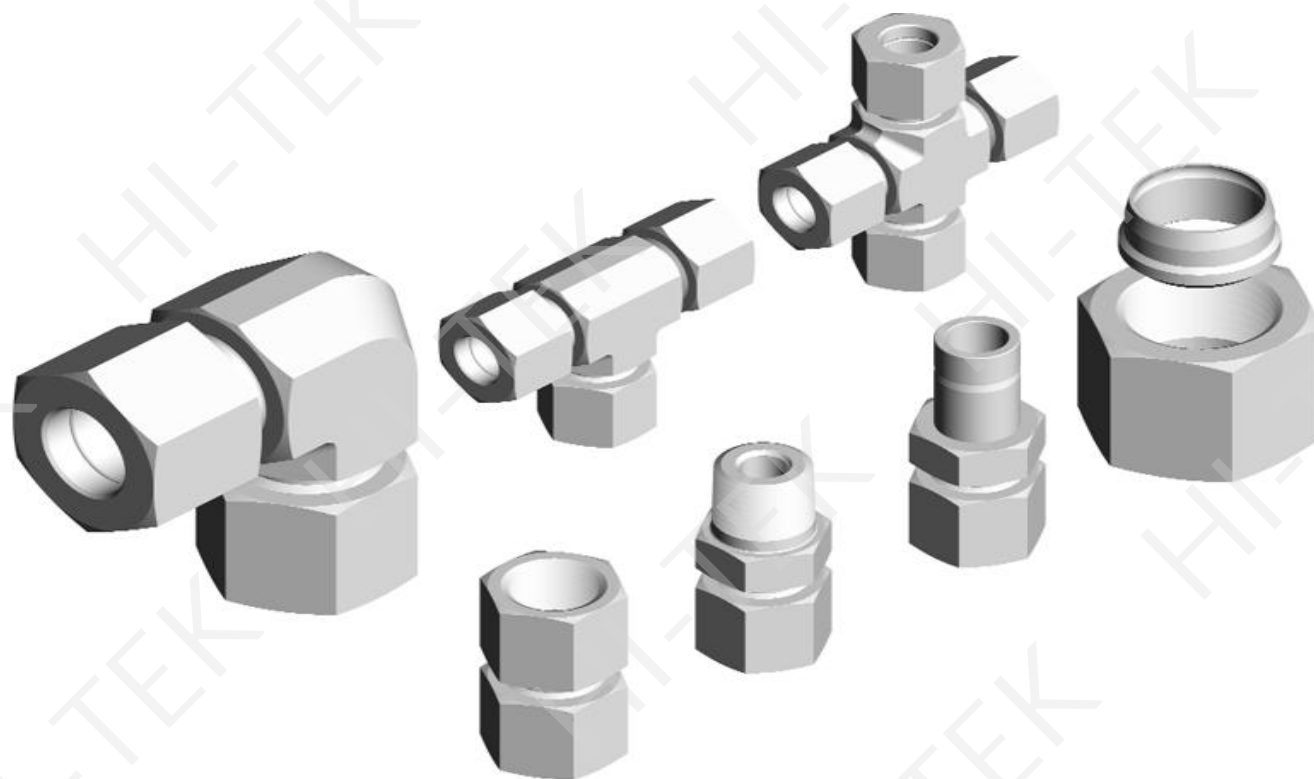
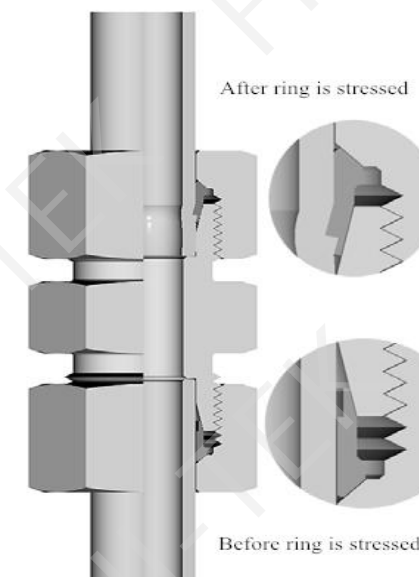


# Single Ferrule Bite Type Fitting & Adapter

■-Connections between carbon steel and stainless steel pipes for hydraulic systems

■-Pressure range: Light type > 315 bar 、 Heavy type > 630 bar













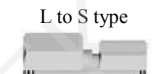







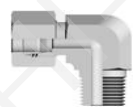
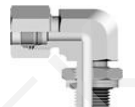






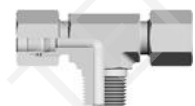


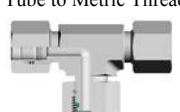
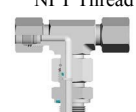

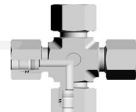





■-Operating temperature range: determined by the material of the O-ring and the gasket material for the thread seal



Hubei HI-TEK Valve and Fitting Co.,Ltd

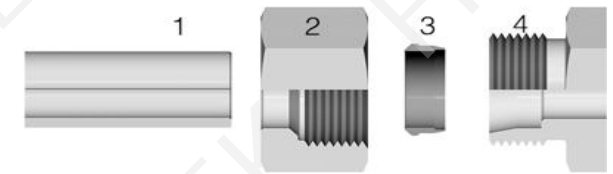
TEL: 0714-6387131

[hightech.en.alibaba.com](http://hightech.en.alibaba.com)

Union 	Reducer Union 	Bulkhead Union 	Weld Bulkhead Union 	Male Connector NPT Taper 
Male Connector BSPP Parallel Thread 	Male Connector ISO Parallel Thread 	Male Connector SAE/MS Parallel Thread 	Female Connector BSPT Thread 	Female Connector ISO Straight pipe or pressure gauge 
Weld Connector 	Union Metric Thread 	Union Metric Thread L to S type 	Union Metric Thread to Tube 	Reducer Union Metric Thread to Tube L type 
Male Connector Metric Thread to NPT Male 	Male Connector Metric Thread to ISO Parallel Thread 	135° Elbow Positionable Male 	90° Union Elbow 	90° Bulkhead Elbow 
90° Elbow NPT Male 	90° Elbow Positionable Male 	90° Elbow Metric Thread 	90° Elbow ISO Parallel Thread 	90° Banjo Elbow 
Weld 90° Elbow 	Union Tee 	Reducer Tee 	Branch Tee 	Adjustable Locknut Branch Tee 
Adjustable Locknut Run Tee 	Tee Tube to Metric Thread 	Assembled Adjustable Swivel Branch Tee NPT Thread 	Banjo Branch Tee ISO Parallel Thread 	Union Cross 
Nut 	Ring 	Plug 	Cap 	Bulkhead Locknut 

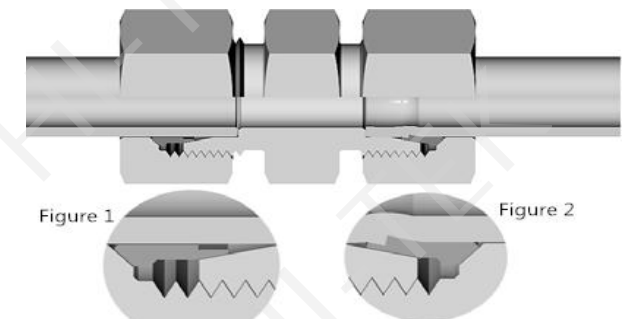
#### ■-Feature :

The assembly of bite type fitting consists of: Nut 2, Ring 3, and Fitting body 4, as shown in Figure 1. The perfect combination of two blades (see Figure 2) can form two effective actions after assembly. Grip positioning and mechanical deformation produce a seal.



#### ■-Sealing principle:

The Ring is installed when the nut is tightened and pressed, and the left end is squeezed into the gap between the taper hole in the joint body and the pipe, so that the outer cone of the ring forms a conical contact seal, and the inner edge of the ring is embedded in the outer wall of the steel pipe. Press out a closed ring groove on the outer wall of the steel pipe to cut into the seal, and ring tighten the nut. Figure 2 makes the middle of the ring slightly bulge and produce elastic deformation. The elastic stress makes the right end of the ring and the cone of the nut produce frictional force. The anti-nut is loosened, and the elastic deformation part can absorb the vibration in the hydraulic pipeline. In addition, the tail of the ring also tightly hugs the steel pipe to form a conflicting seal.



The correct assembly of the bite type fitting is also an important factor to ensure the reliability of the fitting body sealing.

#### ■-Heat treatment of ferrule (comparison between China (6-2) and Taiwan (6-3))

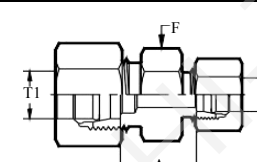
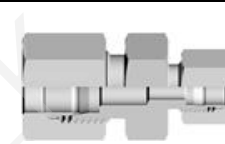
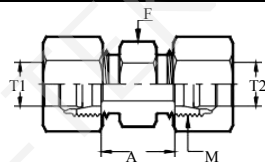
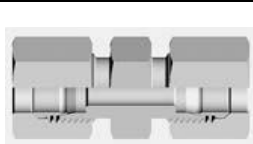
6-1 According to the national standard GB3764-83

6-2 Surface hardness 550~800HV, core hardness 220~300HV, hardened layer depth 0.03~0.05mm

6-3 Surface hardness 700HV, core hardness 180HV, hardened layer depth 35~45um

## Number information of instrument fittings

		1	-	2	3	-	4	-	5	6	
		SS	-	8M	00	-	1	-	4	RT	
<b>1-Material</b>		<b>2.1-Size</b>				<b>5-Description the second end</b>					
SS=316-Omit		MM				If there is a second end or reducing end, add the type and size of the second end from the first end					
SSL=316L		I=Tube									
S=304		P=Pipe									
SL=304L											
P=321		<b>3</b>				<b>6-Size of the second end</b>					
CS=Carbon Steel		0=Body				M=Male					
AL=Aluminum		00=Multiple components				F=Female					
H=Brass						OR=O ring					
C20=Alloy 20		<b>4-Fitting Type</b>				PR=ISO/BSP Positionable					
Ti=Itanium alloys		1=Male				RG=Parallel Pipe Thread (Pressure Gauge)					
M=Monei R400		2=Male Elbow				RJ=Parallel Pipe Thread (JP Standard Pressure Gauge)					
N=Nylon		3=Union Tee				RP=ISO/BSP Parallel Thread					
		4=Union Cross				RS=ISO/BSP Parallel Thread					
		5=45° Union Elbow				RT=ISO/BSP Taper Thread					
<b>2-Tube OD size</b>		6=Union				ST=Parallel Thread with O ring (SAM/MS)					
In. Tube	MM Tube	7=Female				W, T=Butt Welding, Socket Welding					
1=1/16	2MM=2	8=Female Elbow									
2=1/8	3MM=3	9=Union Elbow									
3=3/16	4MM=4	101=Bulkhead Male				<b>7-Connection type</b>					
4=1/4	6MM=6	61=Bulkhead Union				■-MFT=Welding union					
5=5/16	8MM=8	71=Bulkhead Female				M=Thread, F=Gasket, T=T type welding fitting					
6=3/8	10MM=10	91=Bulkhead 90°				■-MOT=Welding union					
8=1/2	12MM=12	A=Adapter				M=Thread, O=O ring and flat seal, T=T type welding fitting					
10=5/8	14MM=14	C=Cap				■-MVOT=Taper sealing - Welding					
12=3/4	15MM=15	P=Plug				M=Thread, V=V-Cone, O=O ring and flat seal,					
14=7/8	16MM=16	PC=Port Connection				T=T type welding fitting					
16=1	18MM=18	R=Reducer									
18=1.1/8	20MM=20	R1=Bulkhead Reducer									
20=1.1/4	22MM=22	2R=Reducer Elbow									
24=1.1/2	25MM=25										
32=2	28MM=28										
	32MM=32										
	38MM=38										
	50MM=50										


**Union**

Series	Part#	Connection Size (MM)		M	A	F	Pressure Bar
		T1	T2				
LL	-MV-LL4M00-6	4	4	M8X1	12	9	100
LL	-MV-LL6M00-6	6	6	M10X1	9	11	100
LL	-MV-LL8M00-6	8	8	M12X1	12	12	100
LL	-MV-LL10M00-6	10	10	M14X1	12	14	100
LL	-MV-LL12M00-6	12	12	M16X1	11	17	100
L	-MV-L6M00-6	6	6	M12×1.5	10	12	315
L	-MV-L8M00-6	8	8	M14×1.5	11	14	315
L	-MV-L10M00-6	10	10	M16×1.5	13	17	315
L	-MV-L12M00-6	12	12	M18×1.5	14	19	315
L	-MV-L15M00-6	15	15	M22×1.5	16	24	315
L	-MV-L18M00-6	18	18	M26×1.5	16	27	315
L	-MV-L22M00-6	22	22	M30×2.0	20	32	160
L	-MV-L28M00-6	28	28	M36×2.0	21	41	160
L	-MV-L35M00-6	35	35	M45×2.0	20	46	160
L	-MV-L42M00-6	42	42	M52×2.0	21	55	160
S	-MV-S6M00-6	6	6	M14×1.5	16	14	630
S	-MV-S8M00-6	8	8	M16×1.5	18	17	630
S	-MV-S10M00-6	10	10	M18×1.5	17	19	630
S	-MV-S12M00-6	12	12	M20×1.5	19	22	630
S	-MV-S14M00-6	14	14	M22×1.5	22	24	630
S	-MV-S16M00-6	16	16	M24×1.5	21	27	400
S	-MV-S20M00-6	20	20	M30×2.0	23	32	400
S	-MV-S25M00-6	25	25	M36×2.0	26	41	400
S	-MV-S30M00-6	30	30	M42×2.0	27	46	400
S	-MV-S38M00-6	38	38	M52×2.0	29	55	315

**Reducer Union**

Series	Part#	Connection Size (MM)		A	F	Pressure Bar
		T1	T2			
LL	-MV-LL6/4M00-6	6	4	10.5	11	100
LL	-MV-LL8/4M00-6	8	4	12.5	12	100
LL	-MV-LL8/6M00-6	8	6	11.0	12	100
L	-MV-L8/6M00-6	8	6	11.0	14	315
L	-MV-L10/6M00-6	10	6	12.0	17	315
L	-MV-L10/8M00-6	10	8	12.0	17	315
L	-MV-L12/6M00-6	12	6	13.0	19	315
L	-MV-L12/8M00-6	12	8	13.0	19	315
L	-MV-L12/10M00-6	12	10	14.0	19	315
L	-MV-L15/10M00-6	15	10	15.0	24	315
L	-MV-L15/12M00-6	15	12	15.0	24	315
L	-MV-L18/10M00-6	18	10	15.5	27	315
L	-MV-L18/12M00-6	18	12	15.5	27	315
L	-MV-L18/15M00-6	18	15	16.5	27	315
L	-MV-L22/12M00-6	22	12	17.5	32	160
L	-MV-L22/15M00-6	22	15	18.5	32	160
L	-MV-L22/18M00-6	22	18	18.0	32	160
L	-MV-L28/18M00-6	28	18	19.0	41	160
L	-MV-L28/22M00-6	28	22	21.0	41	160
L	-MV-L35/22M00-6	35	22	21.0	46	160
L	-MV-L35/28M00-6	35	28	21.0	46	160
S	-MV-S8/6M00-6	8	6	18.0	17	630
S	-MV-S10/6M00-6	10	6	17.5	19	630
S	-MV-S10/8M00-6	10	8	17.5	19	630
S	-MV-S12/6M00-6	12	6	19.5	22	630
S	-MV-S12/8M00-6	12	8	19.5	22	630
S	-MV-S12/10M00-6	12	10	19.0	22	630
S	-MV-S14/10M00-6	14	10	20.5	24	630
S	-MV-S14/12M00-6	14	12	20.5	24	630
S	-MV-S16/12M00-6	16	12	20.0	27	400
S	-MV-S16/14M00-6	16	14	21.5	27	400
S	-MV-S20/10M00-6	20	10	22.0	32	400
S	-MV-S20/12M00-6	20	12	22.0	32	400
S	-MV-S20/16M00-6	20	16	23.0	32	400
S	-MV-S25/16M00-6	25	16	25.5	41	400
S	-MV-S25/20M00-6	25	20	25.5	41	400
S	-MV-S30/20M00-6	30	20	26.0	46	400
S	-MV-S30/25M00-6	30	25	26.5	46	400
S	-MV-S38/30M00-6	38	30	29.5	55	315

See how to order below:

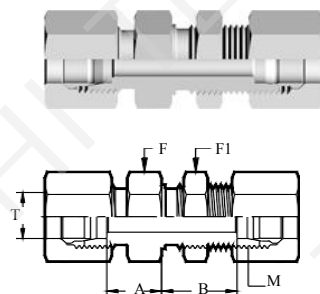
Choose a set of product order numbers-MV-L10M00-6, plus the material identification number, SS-MV-L10M00-6 to form a set of completed product order numbers

Translation: Tubing is a 10MM union

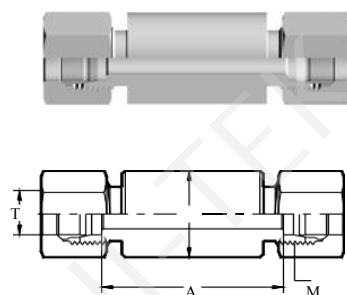
Certain materials and structures may have minimum order quantities.

All dimensions are for reference only and may change at any time.

The dimensions shown below are those when the BAOYI nut is tightened by hand.

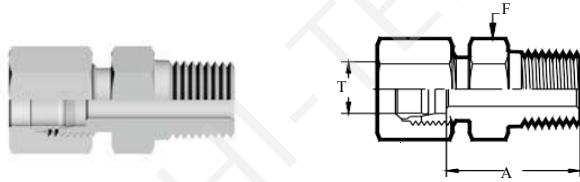

**Bulkhead Union**

Series	Part#	Connection Size (MM)		M	A	B	F	F1	Pressure Bar
		T1	T2						
L	-MV-L6M00-61	6	6	M12×1.5	10	27	17	17	315
L	-MV-L8M00-61	8	8	M14×1.5	11	27	19	19	315
L	-MV-L10M00-61	10	10	M16×1.5	13	28	22	22	315
L	-MV-L12M00-61	12	12	M18×1.5	14	29	24	24	315
L	-MV-L15M00-61	15	15	M22×1.5	16	31	27	27	315
L	-MV-L18M00-61	18	18	M26×1.5	16	32.5	32	32	315
L	-MV-L22M00-61	22	22	M30×2.0	20	34.5	36	36	160
L	-MV-L28M00-61	28	28	M36×2.0	21	35.5	41	41	160
L	-MV-L35M00-61	35	35	M45×2.0	20	36.5	50	50	160
L	-MV-L42M00-61	42	42	M52×2.0	21	36	60	60	160
S	-MV-S6M00-61	6	6	M14×1.5	16	29	19	19	630
S	-MV-S8M00-61	8	8	M16×1.5	18	29	22	22	630
S	-MV-S10M00-61	10	10	M18×1.5	17	29.5	24	24	630
S	-MV-S12M00-61	12	12	M20×1.5	19	30.5	27	27	630
S	-MV-S14M00-61	14	14	M22×1.5	22	32	30	30	630
S	-MV-S16M00-61	16	16	M24×1.5	21	31.5	32	32	400
S	-MV-S20M00-61	20	20	M30×2.0	23	33.5	41	41	400
S	-MV-S25M00-61	25	25	M36×2.0	26	35	46	46	400
S	-MV-S30M00-61	30	30	M42×2.0	27	37.5	50	50	400
S	-MV-S38M00-61	38	38	M52×2.0	29	37	65	65	315


**Welding Bulkhead Union**

Series	Part#	Connection Size (MM)		M	A	Z	Pressure Bar
		T1	T2				
L	-MV-L6M00-61A	6	6	M12×1.5			315
L	-MV-L8M00-61A	8	8	M14×1.5			315
L	-MV-L10M00-61A	10	10	M16×1.5			315
L	-MV-L12M00-61A	12	12	M18×1.5			315
L	-MV-L15M00-61A	15	15	M22×1.5			315
L	-MV-L18M00-61A	18	18	M26×1.5			315
L	-MV-L22M00-61A	22	22	M30×2.0			160
L	-MV-L28M00-61A	28	28	M36×2.0			160
L	-MV-L35M00-61A	35	35	M45×2.0			160
L	-MV-L42M00-61A	42	42	M52×2.0			160
S	-MV-S6M00-61A	6	6	M14×1.5			630
S	-MV-S8M00-61A	8	8	M16×1.5			630
S	-MV-S10M00-61A	10	10	M18×1.5			630
S	-MV-S12M00-61A	12	12	M20×1.5			630
S	-MV-S14M00-61A	14	14	M22×1.5			630
S	-MV-S16M00-61A	16	16	M24×1.5			400
S	-MV-S20M00-61A	20	20	M30×2.0			400
S	-MV-S25M00-61A	25	25	M36×2.0			400
S	-MV-S30M00-61A	30	30	M42×2.0			400
S	-MV-S38M00-61A	38	38	M52×2.0			315

Certain materials and structures may have minimum order quantities.  
 All dimensions are for reference only and may change at any time.  
 The dimensions shown below are those when the BAOYI nut is tightened by hand.



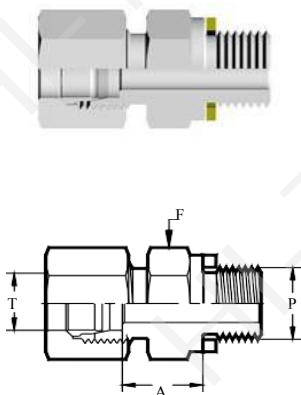
**Male Connector - NPT**

Series	Part#	Connection Size (MM)		A	F	Pressure Bar
		T	NPT			
LL	-MV-LL4M00-1-2	4	1/8-27	18	11	100
LL	-MV-LL6M00-1-2	6	1/8-27	16.5	11	100
LL	-MV-LL8M00-1-2	8	1/8-27	18.5	12	100
L	-MV-L6M00-1-2	6	1/8-27	17	12	315
L	-MV-L6M00-1-4	6	1/4-18	23	17	315
L	-MV-L8M00-1-4	8	1/4-18	23	17	315
L	-MV-L10M00-1-4	10	1/4-18	24	17	315
L	-MV-L10M00-1-6	10	3/8-18	25	19	315
L	-MV-L12M00-1-4	12	1/4-18	25	19	315
L	-MV-L12M00-1-6	12	3/8-18	25	19	315
L	-MV-L12M00-1-8	12	1/2-14	30	22	315
L	-MV-L15M00-1-8	15	1/2-14	31	24	315
L	-MV-L18M00-1-8	18	1/2-14	31.5	27	315
L	-MV-L22M00-1-12	22	3/4-14	33.5	32	160
L	-MV-L28M00-1-16	28	1-11.5	39.5	41	160
L	-MV-L35M00-1-20	35	1.1/4-11.5	40.5	46	160
L	-MV-L42M00-1-24	42	1.1/2-11.5	42	55	160
S	-MV-S6M00-1-4	6	1/4-18	28	17	630
S	-MV-S8M00-1-4	8	1/4-18	28	17	630
S	-MV-S10M00-1-4	10	1/4-18	27.5	19	630
S	-MV-S12M00-1-4	12	1/4-18	29.5	22	630
S	-MV-S14M00-1-8	14	1/2-14	36	24	630
S	-MV-S16M00-1-8	16	1/2-14	39.5	32	400
S	-MV-S20M00-1-12	20	3/4-14	37.5	32	400
S	-MV-S25M00-1-16	25	1-11.5	45	41	400
S	-MV-S30M00-1-20	30	1.1/4-11.5	46.5	46	400
S	-MV-S38M00-1-24	38	1.1/2-11.5	49	55	315

**Male Connector - BSPT**

Series	Part#	Connection Size (MM)		A	F	Pressure Bar
		T	BSPT			
LL	-MV-LL4M00-1-2RT	4	1/8-28	18	11	100
LL	-MV-LL6M00-1-2RT	6	1/8-28	16.5	11	100
LL	-MV-LL8M00-1-2 RT	8	1/8-28	18.5	12	100
L	-MV-L6M00-1-2 RT	6	1/8-28	17	12	315
L	-MV-L6M00-1-4 RT	6	1/4-19	23	17	315
L	-MV-L8M00-1-4 RT	8	1/4-19	23	17	315
L	-MV-L10M00-1-4 RT	10	1/4-19	24	17	315
L	-MV-L10M00-1-6 RT	10	3/8-19	25	19	315
L	-MV-L12M00-1-4 RT	12	1/4-19	25	19	315
L	-MV-L12M00-1-6 RT	12	3/8-19	25	19	315
L	-MV-L12M00-1-8 RT	12	1/2-14	30	22	315
L	-MV-L15M00-1-8 RT	15	1/2-14	31	24	315
L	-MV-L18M00-1-8 RT	18	1/2-14	31.5	27	315
L	-MV-L22M00-1-12 RT	22	3/4-14	33.5	32	160
L	-MV-L28M00-1-16 RT	28	1-11	39.5	41	160
L	-MV-L35M00-1-20 RT	35	1.1/4-11	40.5	46	160
L	-MV-L42M00-1-24 RT	42	1.1/2-11	42	55	160
S	-MV-S6M00-1-4 RT	6	1/4-19	28	17	630
S	-MV-S8M00-1-4 RT	8	1/4-19	28	17	630
S	-MV-S10M00-1-4 RT	10	1/4-19	27.5	19	630
S	-MV-S12M00-1-4 RT	12	1/4-19	29.5	22	630
S	-MV-S14M00-1-8 RT	14	1/2-14	36	24	630
S	-MV-S16M00-1-8 RT	16	1/2-14	39.5	32	400
S	-MV-S20M00-1-12 RT	20	3/4-14	37.5	32	400
S	-MV-S25M00-1-16 RT	25	1-11	45	41	400
S	-MV-S30M00-1-20 RT	30	1.1/4-11	46.5	46	400
S	-MV-S38M00-1-24 RT	38	1.1/2-11	49	55	315

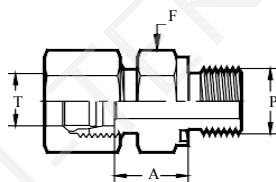
Certain materials and structures may have minimum order quantities.  
 All dimensions are for reference only and may change at any time.  
 The dimensions shown below are those when the BAOYI nut is tightened by hand.

**Male Connector - BSP Parallel Thread**


Series	Part#	Connection size (MM)		A	F	Pressure Bar
		T	P-BSP			
	-MV-6M00-1-4 RS	6	1/4-19	13	19	400
	-MV-6M00-1-8 RS	6	1/2-14	18	27	400
	-MV-8M00-1-4 RS	8	1/4-19	15	19	400
	-MV-8M00-1-6 RS	8	3/8-19	15.5	22	400
	-MV-10M00-1-6 RS	10	3/8-19	15	22	400
	-MV-10M00-1-4 RS	10	1/4-19	14.5	19	400
	-MV-10M00-1-8 RS	10	1/2-14	17.5	27	400
	-MV-12M00-1-6 RS	12	3/8-19	17	22	400
	-MV-12M00-1-4 RS	12	1/4-19	16.5	22	400
	-MV-12M00-1-8 RS	12	1/2-14	17.5	27	400
	-MV-14M00-1-8 RS	14	1/2-14	19	27	400
	-MV-14M00-1-6 RS	14	3/8-19	18.5	24	400
	-MV-16M00-1-8 RS	16	1/2-14	18.5	27	400
	-MV-16M00-1-6 RS	16	3/8-19	18	27	400
	-MV-16M00-1-12 RS	16	3/4-14	20.5	32	400
	-MV-20M00-1-12 RS	20	3/4-14	20.5	32	400
	-MV-20M00-1-8 RS	20	1/2-14	20.5	32	400
	-MV-25M00-1-16 RS	25	1-11	23	41	250
	-MV-25M00-1-12 RS	25	3/4-14	23	41	250
	-MV-30M00-1-20 RS	30	1.1/4-11	23.5	50	160
	-MV-30M00-1-16 RS	30	1-11	23.5	46	160
	-MV-38M00-1-24 RS	38	1.1/2-11	26	55	160
	-MV-38M00-1-20 RS	38	1.1/4-11	26	55	160

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 The dimensions shown below are those when the BAOYI nut is tightened by hand.





ED Ring

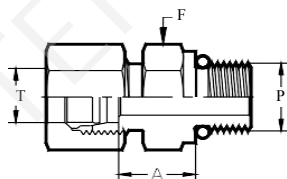
**Male Connector - ISO Parallel Thread BSP-ED seal ring**

Series	Part#	Connection Size (MM)		A	F	Pressure Bar
		T	RS (Z)			
LL	-MV-LL4M00-1-2ED	4	1/8	9.5	14	100
LL	-MV-LL6M00-1-2 ED	6	1/8	8	14	100
L	-MV-L6M00-1-2 ED	6	1/8	8.5	14	315
L	-MV-L6M00-1-4 ED	6	1/4	10	19	315
L	-MV-L8M00-1-2 ED	8	1/8	9.5	14	315
L	-MV-L8M00-1-4 ED	8	1/4	10	19	315
L	-MV-L8M00-1-6 ED	8	3/8	11.5	22	315
L	-MV-L10M00-1-4 ED	10	1/4	11	19	315
L	-MV-L10M00-1-6 ED	10	3/8	12.5	22	315
L	-MV-L10M00-1-8 ED	10	1/2	13	27	315
L	-MV-L12M00-1-4 ED	12	1/4	12	19	315
L	-MV-L12M00-1-6 ED	12	3/8	12	22	315
L	-MV-L12M00-1-8 ED	12	1/2	14	27	315
L	-MV-L15M00-1-6 ED	15	3/8	12	24	315
L	-MV-L15M00-1-8 ED	15	1/2	14	27	315
L	-MV-L18M00-1-8 ED	18	1/2	14	27	315
L	-MV-L18M00-1-12 ED	18	3/4	16	32	160
L	-MV-L22M00-1-12 ED	22	3/4	16	32	160
L	-MV-L28M00-1-16 ED	28	1	18	41	160
L	-MV-L35M00-1-20 ED	35	1.1/4	20	50	160
L	-MV-L42M00-1-24 ED	42	1.1/2	22	55	160
S	-MV-S6M00-1-4 ED	6	1/4	13	19	630
S	-MV-S8M00-1-4 ED	8	1/4	15	19	630
S	-MV-S8M00-1-6 ED	8	3/8	15.5	22	630
S	-MV-S10M00-1-4 ED	10	1/4	14.5	19	630
S	-MV-S10M00-1-6 ED	10	3/8	15	22	630
S	-MV-S10M00-1-8 ED	10	1/2	17.5	27	630
S	-MV-S12M00-1-4 ED	12	1/4	16.5	22	630
S	-MV-S12M00-1-6 ED	12	3/8	17	22	630
S	-MV-S12M00-1-8 ED	12	1/2	17.5	27	630
S	-MV-S14M00-1-8 ED	14	1/2	19	27	630
S	-MV-S16M00-1-6 ED	16	3/8	18	27	400
S	-MV-S16M00-1-8 ED	16	1/2	18.5	27	400
S	-MV-S16M00-1-12 ED	16	3/4	20.5	32	400
S	-MV-S20M00-1-12 ED	20	3/4	20.5	32	400
S	-MV-S25M00-1-8 ED	25	1/2	23	41	400
S	-MV-S25M00-1-16 ED	25	1	23	41	400
S	-MV-S30M00-1-20 ED	30	1.1/4	23.5	50	400
S	-MV-S38M00-1-24 ED	38	1.1/2	26.0	55	315

**Male Connector - ISO Parallel Thread (M)-ED seal ring**

Series	Part#	Connection Size (MM)		A	F	Pressure Bar
		T	M			
L	-MV-L6M00-1-M10 ED	6	M10X1	8.5	14	315
L	-MV-L8M00-1-M12 ED	8	M12X1.5	10	17	315
L	-MV-L10M00-1-M14 ED	10	M14X1.5	11	19	315
L	-MV-L12M00-1-M16 ED	12	M16X1.5	12.5	22	315
L	-MV-L12M00-1-M18 ED	12	M18X1.5	12.5	24	315
L	-MV-L12M00-1-M22 ED	12	M22X1.5	14	27	315
L	-MV-L15M00-1-M18 ED	15	M18X1.5	13.5	24	315
L	-MV-L15M00-1-M22 ED	15	M22X1.5	15	27	315
L	-MV-L22M00-1-M22 ED	18	M22X1.5	14.5	27	315
L	-MV-L22M00-1-M26 ED	22	M26X1.5	16.5	32	160
L	-MV-L28M00-1-M33 ED	28	M33X2	17.5	41	160
L	-MV-L35M00-1-M42 ED	35	M42X2	17.5	50	160
L	-MV-L42M00-1-M48 ED	42	M48X2	19	55	160
S	-MV-S6M00-1-M12 ED	6	M12X1.5	13	17	630
S	-MV-S8M00-1-M14 ED	8	M14X1.5	15	19	630
S	-MV-S10M00-1-M16 ED	10	M16X1.5	15	22	630
S	-MV-S12M00-1-M18 ED	12	M18X1.5	17	24	630
S	-MV-S14M00-1-M20 ED	14	M20X1.5	19	27	630
S	-MV-S16M00-1-M22 ED	16	M22X1.5	18.5	27	400
S	-MV-S20M00-1-M27 ED	20	M27X2	20.5	32	400
S	-MV-S25M00-1-M33 ED	25	M33X2	23	41	400
S	-MV-S30M00-1-M42 ED	30	M42X2	23.5	50	315
S	-MV-S38M00-1-M48 ED	38	M48X2	26	55	315

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 The dimensions shown below are those when the BAOYI nut is tightened by hand.


**Male Connector - SAE//MS Parallel Thread UNF-O Ring**

Series	Part#	Connection Size (MM)		A	F	Pressure Bar
		T	P-UNF			
L	-MV-L8M00-1-7/16 ST	8	7/16-20	10	17	315
L	-MV-L10M00-1-7/16 ST	10	7/16-20	11	17	315
L	-MV-L12M00-1-9/16 ST	12	9/16-18	11	19	315
L	-MV-L12M00-1-3/4 ST	12	3/4-16	13	24	315
L	-MV-L12M00-1-7/8 ST	12	7/8-14	14.3	27	315
L	-MV-L15M00-1-3/4 ST	15	3/4-16	14	24	315
L	-MV-L18M00-1-3/4 ST	18	3/4-16	14.5	27	315
L	-MV-L18M00-1-7/8 ST	18	7/8-14	14.8	27	315
L	-MV-L22M00-1-7/8 ST	22	7/8-14	16.8	32	160
L	-MV-L22M00-1-1 1/16 ST	22	1 1/16-12	16.5	32	160
L	-MV-L22M00-1-1 5/16 ST	22	1 5/16-12	17.5	41	160
L	-MV-L28M00-1-1 1/16 ST	28	1 1/16-12	17.5	41	160
L	-MV-L28M00-1-1 5/16 ST	28	1 5/16-12	17.5	41	160
L	-MV-L35M00-1-1 5/16 ST	35	1 5/16-12	17.5	46	160
L	-MV-L35M00-1-1 5/8 ST	35	1 5/8-12	17.5	50	160
L	-MV-L42M00-1-1 5/8 ST	42	1 5/8-12	19.0	55	160
S	-MV-S8M00-1-7/16 ST	8	7/16-20	15	17	630
S	-MV-S10M00-1-9/16 ST	10	9/16-18	14.5	19	630
S	-MV-S12M00-1-9/16 ST	12	9/16-18	14.5	22	630
S	-MV-S12M00-1-3/4 ST	12	3/4-16	17.5	24	630
S	-MV-S16M00-1-3/4 ST	16	3/4-16	15.5	24	400
S	-MV-S16M00-1-7/8 ST	16	7/8-14	18.8	27	400
S	-MV-S20M00-1-3/4 ST	20	3/4-16	20.5	32	400
S	-MV-S20M00-1-7/8 ST	20	7/8-14	20.8	32	400
S	-MV-S20M00-1-1 1/16 ST	20	1 1/16-12	20.5	32	400
S	-MV-S25M00-1-1 1/16 ST	25	1 1/16-12	23	36	400
S	-MV-S25M00-1-1 5/16 ST	25	1 5/16-12	23	41	400
S	-MV-S30M00-1-1 5/16 ST	30	1 5/16-12	23.5	46	400
S	-MV-S30M00-1-1 5/8 ST	30	1 5/8-12	23.5	50	400
S	-MV-S38M00-1-1 5/8 ST	38	1 5/8-12	26.0	55	315

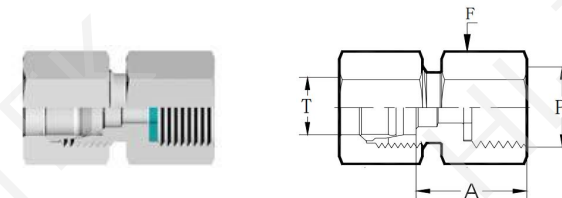
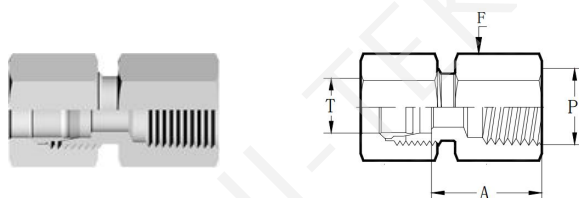
**Male Connector - ISO Parallel Thread (M)-O Ring**

Series	Part#	Connection Size (MM)		A	F	Pressure Bar
		T	P-M			
LL	-MV-LL4M00-1-M8ST	4	M8X1	9.5	11	100
LL	-MV-LL4M00-1-M10ST	4	M8X1	9.5	11	100
LL	-MV-LL6M00-1-M10ST	6	M10X1	8	13	100
L	-MV-L6M00-1-M10ST	6	M10X1	8.5	14	315
L	-MV-L8M00-1-M12ST	8	M12X1.5	10	17	315
L	-MV-L10M00-1-M14ST	10	M14X1.5	11	19	315
L	-MV-L12M00-1-M16ST	12	M16X1.5	12.5	22	315
L	-MV-L15M00-1-M18ST	15	M18X1.5	13.5	24	315
L	-MV-L18M00-1-M22ST	18	M22X1.5	14.5	27	315
L	-MV-L22M00-1-M27ST	22	M27X2	16.5	32	160
L	-MV-L28M00-1-M33ST	28	M33X2	17.5	41	160
L	-MV-L35M00-1-M42ST	35	M42X2	17.5	50	160
L	-MV-L42M00-1-M48ST	42	M48X2	19	55	160
S	-MV-S6M00-1-M12ST	6	M12X1.5	13	17	630
S	-MV-S8M00-1-M14ST	8	M14X1.5	15	19	630
S	-MV-S10M00-1-M16ST	10	M16X1.5	15	22	630
S	-MV-S12M00-1-M18ST	12	M18X1.5	17	24	630
S	-MV-S16M00-1-M22ST	16	M22X1.5	18.5	27	400
S	-MV-S20M00-1-M27ST	20	M27X2	20.5	32	400
S	-MV-S25M00-1-M33ST	25	M33X2	23	41	400
S	-MV-S30M00-1-M42ST	30	M42X2	23.5	50	400
S	-MV-S38M00-1-M48ST	38	M48X2	26	55	315

Certain materials and structures may have minimum order quantities.

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The dimensions shown below are those when the BAOYI nut is tightened by hand.


**Female Connector - ISO Thread -- BSPT**

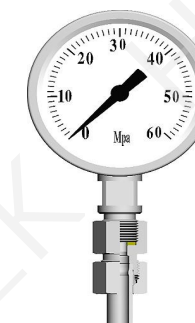
Series	Part#	Connection Size (MM)		A	F	Pressure Bar
		T	P-BSPT			
L	-MV-L6M00-7-2RT	6	1/8	19	14	315
L	-MV-L8M00-7-4RT	8	1/4	24	19	315
L	-MV-L8M00-7-6RT	8	3/8	25	24	315
L	-MV-L8M00-7-8RT	8	1/2	29	27	315
L	-MV-L10M00-7-4RT	10	1/4	25	19	315
L	-MV-L10M00-7-6RT	10	3/8	26	24	315
L	-MV-L10M00-7-8RT	10	1/2	30	27	315
L	-MV-L12M00-7-6RT	12	3/8	26	24	315
L	-MV-L12M00-7-8RT	12	1/2	30	27	315
L	-MV-L15M00-7-8RT	15	1/2	31	27	315
L	-MV-L18M00-7-8RT	18	1/2	31	27	315
L	-MV-L22M00-7-12RT	22	3/4	35	36	160
L	-MV-L28M00-7-16RT	28	1	38	41	160
L	-MV-L35M00-7-20RT	35	1 1/4	41	55	160
L	-MV-L42M00-7-24RT	42	1 1/2	43	60	160
S	-MV-S6M00-7-4RT	6	1/4	26	19	400
S	-MV-S8M00-7-4RT	8	1/4	26	19	400
S	-MV-S10M00-7-6RT	10	3/8	27	24	400
S	-MV-S12M00-7-6RT	12	3/8	27	24	400
S	-MV-S14M00-7-8RT	14	1/2	32	30	400
S	-MV-S16M00-7-8RT	16	1/2	32	30	400
S	-MV-S20M00-7-12RT	20	3/4	35	36	315
S	-MV-S25M00-7-16RT	25	1	38	41	315
S	-MV-S30M00-7-20RT	30	1 1/4	42	55	315
S	-MV-S38M00-7-24RT	38	1 1/2	44	66	250

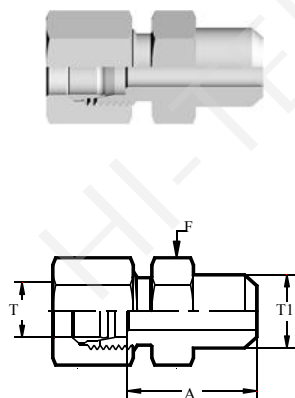
**Female Connector - ISO Thread or Pressure Gauge Connector(M)**

Series	Part#	Connection Size (MM)		A	F	Pressure Bar
		T	P-M			
L	-MV-L6M00-7-M10RJ	6	M10X1	19.5	14	315
L	-MV-L8M00-7-M12RJ	8	M12X1.5	24	17	315
L	-MV-L10M00-7-M14RJ	10	M14X1.5	25	19	315
L	-MV-L12M00-7-M16RJ	12	M16X1.5	26	22	315
L	-MV-L15M00-7-M18RJ	15	M18X1.5	28	24	315
L	-MV-L18M00-7-M22RJ	18	M22X1.5	30	30	315
L	-MV-L22M00-7-M26RJ	22	M26X1.5	35	32	160
L	-MV-L28M00-7-M33RJ	28	M33X2	38	41	160
L	-MV-L35M00-7-M42RJ	35	M42X2	40	55	160
L	-MV-L42M00-7-M48RJ	42	M48X2	42	60	160
S	-MV-S6M00-7-M12RJ	6	M12X1.5	26	17	400
S	-MV-S8M00-7-M14RJ	8	M14X1.5	26	17	400
S	-MV-S10M00-7-M16RJ	10	M16X1.5	27	22	400
S	-MV-S12M00-7-M18RJ	12	M18X1.5	27	24	400
S	-MV-S14M00-7-M20RG	14	M20X1.5	31	27	400
S	-MV-S16M00-7-M22RJ	16	M22X1.5	31	30	400
S	-MV-S20M00-7-M27RJ	20	M27X1.5	35	36	315
S	-MV-S25M00-7-M33RJ	25	M33X2	37	41	315
S	-MV-S30M00-7-M42RJ	30	M42X2	42	55	315
S	-MV-S38M00-7-M48RJ	38	M48X2	43	60	315

Certain materials and structures may have minimum order quantities.  
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 The dimensions shown below are those when the BAOYI nut is tightened by hand.

- . Installation without any UCTOOLS
- . Repair and check pressure gauge



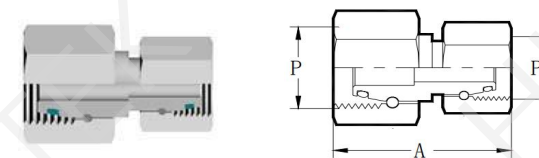
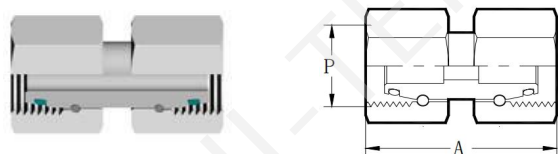

**Weld Connector**

Series	Part#	Connection Size (MM)		A	F	Pressure Bar
		T	TI			
L	-MV-L6M00-1-10W	6	10	14	12	315
L	-MV-L8M00-1-12W	8	12	16	14	315
L	-MV-L10M00-1-14W	10	14	18	17	315
L	-MV-L12M00-1-16W	12	16	18	19	315
L	-MV-L15M00-1-19W	15	19	22	22	315
L	-MV-L18M00-1-22W	18	22	23.5	27	315
L	-MV-L22M00-1-27W	22	27	28.5	32	160
L	-MV-L28M00-1-32W	28	32	30.5	41	160
L	-MV-L35M00-1-40W	35	40	32.5	46	160
L	-MV-L42M00-1-46W	42	46	35	55	160
S	-MV-S6M00-1-11W	6	11	19	14	630
S	-MV-S8M00-1-13W	8	13	21	17	630
S	-MV-S10M00-1-15W	10	15	22.5	19	630
S	-MV-S12M00-1-17W	12	17	24.5	22	630
S	-MV-S14M00-1-19W	14	19	27	24	630
S	-MV-S16M00-1-21W	16	21	26.5	27	400
S	-MV-S20M00-1-26W	20	26	29.5	32	400
S	-MV-S25M00-1-31W	25	31	32	41	400
S	-MV-S30M00-1-36W	30	36	35.5	46	400
S	-MV-S38M00-1-44W	38	44	38	55	315

Certain materials and structures may have minimum order quantities.

All dimensions are for reference only and may change at any time.

The dimensions shown below are those when the BAOYI nut is tightened by hand.


**Union - Metric Thread**

Series	Part#	Connection Size (MM) P	A	Pressure Bar
L	-MV-F8LMOO-6	M14X1.5	32	315
L	-MV-F10LMOO-6	M16X1.5	33	315
L	-MV-F12LMOO-6	M18X1.5	33	315
L	-MV-F15LMOO-6	M22X1.5	38	315
L	-MV-F18LMOO-6	M26X1.5	36	315
L	-MV-F22LMOO-6	M30X2	42	315
L	-MV-F28LMOO-6	M36X2	46	315
L	-MV-F35LMOO-6	M45X2	48	315
L	-MV-F42LMOO-6	M52X2	52	315
S	-MV-F6SMOO-6	M14X1.5	32	315
S	-MV-F8SMOO-6	M16X1.5	33	160
S	-MV-F10SMOO-6	M18X1.5	33	160
S	-MV-F12SMOO-6	M20X1.5	36	160
S	-MV-F14SMOO-6	M22X1.5	39	160
S	-MV-F16SMOO-6	M24X1.5	39	400
S	-MV-F20SMOO-6	M30X2	44	400
S	-MV-F25SMOO-6	M36X2	46	400
S	-MV-F30SMOO-6	M42X2	52	400
S	-MV-F38SMOO-6	M52X2	52	400

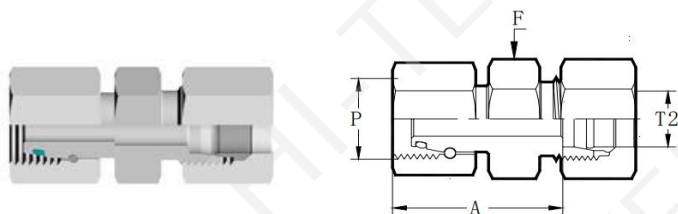
**Union - Metric Thread - L to S Type**

Series	Part#	Connection Size (MM)		A	Pressure Bar
		P	P1		
	-MV-F6SM00-6-6L	M14X1.5	M12X1.5	32	315
	-MV-F8S M00-6-8L	M16X1.5	M14X1.5	33	315
	-MV-F10S M00-6-10L	M18X1.5	M16X1.5	33	315
	-MV-F12S M00-6-12L	M20X1.5	M18X1.5	36	315
	-MV-F12L M00-6-8L	M18X1.5	M14X1.5	34	315
	-MV-F15L M00-6-8L	M22X1.5	M14X1.5	39	315
	-MV-F15L M00-6-12L	M22X1.5	M18X1.5	39	315
	-MV-F18L M00-6-14S	M26X1.5	24X1.5	39	315
	-MV-F22L M00-6-20S	M30X2	M30X2	44	160
	-MV-F28L M00-6-25S	M36X2	M36X2	46	160
	-MV-F28L M00-6-22L	M36X2	M30X2	46	160
	-MV-F35L M00-6-30S	M45X2	M42X2	52	160
	-MV-F42L M00-6-38S	M52X2	M52X2	52	160
	-MV-F16S M00-6-15L	24X1.5	M22X1.5	39	315
	-MV-F20S M00-6-18L	M30X2	M26X1.5	44	315
	-MV-F25S M00-6-22L	M36X2	M30X2	46	160
	-MV-F30S M00-6-28L	M42X2	M36X2	52	160
	-MV-F38S M00-6-35L	M52X2	M45X2	52	160

Certain materials and structures may have minimum order quantities.

All dimensions are for reference only and may change at any time.

The dimensions shown below are those when the BAOYI nut is tightened by hand.

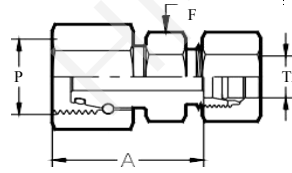
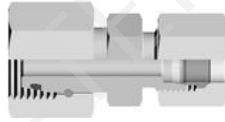

**Union - Metric Thread to Tube**

Series	Part#	Connection Size (MM)		A	F	Pressure Bar
		P	T2			
L	-MV-F6LM00-6	M12X1.5	6	36	12	315
L	-MV-F8LM00-6	M14X1.5	8	36	14	315
L	-MV-F10LM00-6	M16X1.5	10	36	17	315
L	-MV-F12LM00-6	M18X1.5	12	36	19	315
L	-MV-F15LM00-6	M22X1.5	15	36	24	315
L	-MV-F18LM00-6	M26X1.5	18	36	27	315
L	-MV-F22LM00-6	M30X2	22	40	32	160
L	-MV-F28LM00-6	M36X2	28	40	41	160
L	-MV-F35LM00-6	M45X2	35	50	46	160
L	-MV-F42LM00-6	M52X2	42	60	55	160
S	-MV-F6SM00-6	M14X1.5	6	36	12	630
S	-MV-F8SM00-6	M16X1.5	8	36	14	630
S	-MV-F10SM00-6	M18X1.5	10	36	17	630
S	-MV-F12SM00-6	M22X1.5	12	36	19	630
S	-MV-F14SM00-6	M24X1.5	14	40	24	630
S	-MV-F16SM00-6	M26X1.5	16	40	27	400
S	-MV-F20SM00-6	M30X2	20	46	32	400
S	-MV-F25SM00-6	M36X2	25	50	41	400
S	-MV-F30SM00-6	M45X2	30	56	46	400
S	-MV-F38SM00-6	M52X2	38	60	55	315

Certain materials and structures may have minimum order quantities.

All dimensions are for reference only and may change at any time.

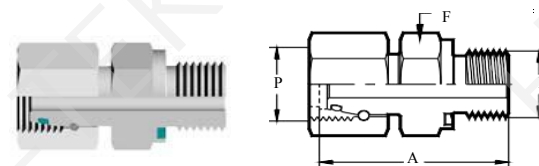
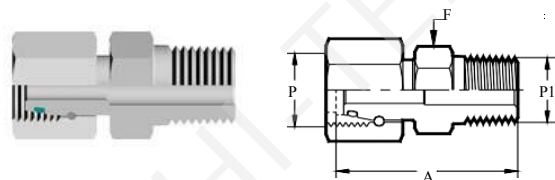
The dimensions shown below are those when the BAOYI nut is tightened by hand.


**Reducer Union - Metric thread to Tube - L Type**

Series	Part#	Connection Size (MM)		A	F	Pressure Bar
		T2	P			
L	-MV-F4LLM00-06-06L	4	M12X1.5	24.5	9	250
L	-MV-F6LM00-06-08L	6	M14X1.5	23.5	12	250
L	-MV-F6LM00-06-10L	6	M16X1.5	25	14	315
L	-MV-F8LM00-06-12L	8	M16X1.5	25	14	315
L	-MV-F6LM00-06-12L	6	M18X1.5	25	17	315
L	-MV-F8LM00-06-12L	8	M18X1.5	25	17	315
L	-MV-F10LM00-06-12L	10	M18X1.5	26	17	315
L	-MV-F6LM00-06-15L	6	M22X1.5	28.5	19	315
L	-MV-F8LM00-06-15L	8	M22X1.5	28.5	19	315
L	-MV-F10LM00-06-15L	10	M22X1.5	29.5	19	315
L	-MV-F12LM00-06-15L	12	M22X1.5	29.5	19	315
L	-MV-F6LM00-06-18L	6	M26X1.5	28	24	315
L	-MV-F8LM00-06-18L	8	M26X1.5	28	24	315
L	-MV-F10LM00-06-18L	10	M26X1.5	29	24	315
L	-MV-F12LM00-06-18L	12	M26X1.5	29	24	315
L	-MV-F15LM00-06-18L	15	M26X1.5	30	24	315
L	-MV-F6LM00-06-22L	6	M30X2	32	27	160
L	-MV-F8LM00-06-22L	8	M30X2	32	27	160
L	-MV-F10LM00-06-22L	10	M30X2	33	27	160
L	-MV-F12LM00-06-22L	12	M30X2	33	27	160
L	-MV-F15LM00-06-22L	15	M30X2	34	27	160
L	-MV-F18LM00-06-22L	18	M30X2	33.5	27	160
L	-MV-F6LM00-06-28L	6	M36X2	34	32	160
L	-MV-F8LM00-06-28L	8	M36X2	34	32	160
L	-MV-F10LM00-06-28L	10	M36X2	35	32	160
L	-MV-F12LM00-06-28L	12	M36X2	35	32	160
L	-MV-F15LM00-06-28L	15	M36X2	36	32	160
L	-MV-F18LM00-06-28L	18	M36X2	36.5	32	160
L	-MV-F22LM00-06-28L	22	M36X2	37.5	32	160
L	-MV-F12LM00-06-35L	12	M45X2	38	41	160
L	-MV-F15LM00-06-35L	15	M45X2	39	41	160
L	-MV-F18LM00-06-35L	18	M45X2	38.5	41	160
L	-MV-F22LM00-06-35L	22	M45X2	40.5	41	160
L	-MV-F28LM00-06-35L	28	M45X2	40.5	41	160
L	-MV-F18LM00-06-42L	18	M52X2	42	50	160
L	-MV-F22LM00-06-42L	22	M52X2	44	50	160
L	-MV-F28LM00-06-42L	28	M52X2	44	50	160
L	-MV-F35LM00-06-42L	35	M52X2	43	50	160

**Reducer Union - Metric thread to Tube - S Type**

Series	Part#	Connection Size (MM)		A	F	Pressure Bar
		T2	P			
S	-MV-F6SM00-06-10S	6	M16X1.5	27	14	630
S	-MV-F6SM00-06-10S	6	M18X1.5	27.5	17	630
S	-MV-F8SM00-06-10S	8	M18X1.5	27.5	17	630
S	-MV-F6SM00-06-12S	6	M20X1.5	29	17	630
S	-MV-F8SM00-06-12S	8	M20X1.5	29	17	630
S	-MV-F10SM00-06-12S	10	M20X1.5	29.5	19	630
S	-MV-F6SM00-06-12S	6	M22X1.5	31.5	19	630
S	-MV-F8SM00-06-12S	8	M22X1.5	31.5	19	630
S	-MV-F10SM00-06-12S	10	M22X1.5	31	19	630
S	-MV-F12SM00-06-12S	12	M22X1.5	31.0	22	630
S	-MV-F6SM00-06-16S	6	M24X1.5	32.0	22	400
S	-MV-F8SM00-06-16S	8	M24X1.5	32	22	400
S	-MV-F10SM00-06-16S	10	M24X1.5	32	22	400
S	-MV-F12SM00-06-16S	12	M24X1.5	31.5	22	400
S	-MV-F14SM00-06-16S	14	M24X1.5	33.0	24	400
S	-MV-F6SM00-06-20S	6	M30X2	36.0	27	400
S	-MV-F8SM00-06-20S	8	M30X2	36	27	400
S	-MV-F10SM00-06-20S	10	M30X2	35.5	27	400
S	-MV-F12SM00-06-20S	12	M30X2	35.5	27	400
S	-MV-F14SM00-06-20S	14	M30X2	37	27	400
S	-MV-F16SM00-06-20S	16	M30X2	37	27	400
S	-MV-F6SM00-06-28S	6	M36X2	38.5	32	400
S	-MV-F8SM00-06-28S	8	M36X2	38.5	32	400
S	-MV-F10SM00-06-28S	10	M36X2	38.0	32	400
S	-MV-F12SM00-06-28S	12	M36X2	38	32	400
S	-MV-F14SM00-06-28S	14	M36X2	39.5	32	400
S	-MV-F16SM00-06-28S	16	M36X2	39.0	32	400
S	-MV-F20SM00-06-28S	20	M36X2	39	32	400
S	-MV-F8SM00-06-30S	8	M42X2	44	41	400
S	-MV-F10SM00-06-30S	10	M42X2	43.5	41	400
S	-MV-F12SM00-06-30S	12	M42X2	43.5	41	400
S	-MV-F14SM00-06-30S	14	M42X2	45.0	41	400
S	-MV-F16SM00-06-30S	16	M42X2	44.5	41	400
S	-MV-F20SM00-06-30S	20	M42X2	44.5	41	400
S	-MV-F25SM00-06-30S	25	M42X2	45	41	400
S	-MV-F12SM00-06-38S	12	M52X2	47	50	400
S	-MV-F16SM00-06-38S	16	M52X2	48	50	315
S	-MV-F20SM00-06-38S	20	M52X2	48	50	315
S	-MV-F25SM00-06-38S	25	M52X2	48.5	50	315
S	-MV-F30SM00-06-38S	30	M52X2	49	50	315


**Male Connector - Metric Thread to NPT Thread**

Series	Part#	Connection Size MM		A	F	Pressure Bar
		P-M	NPT			
L	-MV-F6LM00-1-2	M12X1.5	1/8-24	31.5	11	315
L	-MV-F8LM00-1-4	M14X1.5	1/4-18	37.5	14	315
L	-MV-F10LM00-1-4	M16X1.5	1/4-18	38	14	315
L	-MV-F12LM00-1-6	M18X1.5	3/8-18	40	19	315
L	-MV-F15LM00-1-8	M22X1.5	1/2-14	49.5	22	315
L	-MV-F18LM00-1-8	M26X1.5	1/2-14	49	24	315
L	-MV-F22LM00-1-12	M30X2	3/4-14	52	27	160
L	-MV-F28LM00-1-16	M36X2	1- 11.5	61	36	160
L	-MV-F35LM00-1-20	M45X2	1 1/4-11.5	65.5	46	160
L	-MV-F42LM00-1-24	M52X2	1 1/2-11.5	68.5	50	160
S	-MV-F6SM00-1-4	M14X1.5	1/4-18	37.5	14	630
S	-MV-F8SM00-1-4	M16X1.5	1/4-18	38	14	630
S	-MV-F10SM00-1-6	M18X1.5	3/8-18	40.5	19	630
S	-MV-F12SM00-1-6	M20X1.5	3/8-18	42	19	630
S	-MV-F14SM00-1-8	M22X1.5	1/2-14	50.5	22	630
S	-MV-F16SM00-1-8	M24X1.5	1/2-14	51	22	400
S	-MV-F20SM00-1-12	M30X2	3/4-14	54	27	400
S	-MV-F25SM00-1-16	M36X2	1- 11.5	63.5	36	400
S	-MV-F30SM00-1-22	M42X2	1 1/4-11.5	70.5	46	400
S	-MV-F38SM00-1-24	M52X2	1 1/2-11.5	73.5	50	315

**Male Connector - Metric Thread to ISO Parallel Thread(RS)-ED Ring**

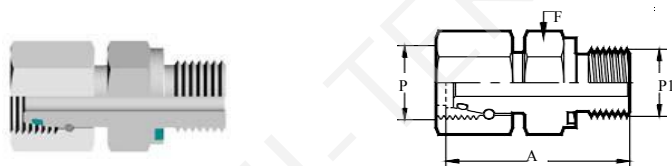
Series	Part#	Connection Size (MM)		A	F	Pressure Bar
		P-M	P1-BSP			
L	-MV-F6LM00-1-2ED	M12X1.5	1/8	24.5	14	315
L	-MV-F8LM00-1-4ED	M14X1.5	1/4	29.5	19	315
L	-MV-F10LM00-1-4 ED	M16X1.5	1/4	27.5	19	315
L	-MV-F12LM00-1-6 ED	M18X1.5	3/8	34	22	315
L	-MV-F15LM00-1-8 ED	M22X1.5	1/2	32	27	315
L	-MV-F18LM00-1-8 ED	M26X1.5	1/2	31.5	27	315
L	-MV-F22LM00-1-12 ED	M30X2	3/4	32.5	32	160
L	-MV-F28LM00-1-16 ED	M36X2	1	35	41	160
L	-MV-F35LM00-1-20 ED	M45X2	1 1/4	42.5	50	160
L	-MV-F42LM00-1-24 ED	M52X2	1 1/2	46.5	55	160
S	-MV-F6SM00-1-2 ED	M14X1.5	1/8	27	19	630
S	-MV-F8SM00-1-4 ED	M16X1.5	1/4	29.5	19	630
S	-MV-F10SM00-1-6 ED	M18X1.5	1/4	32	22	630
S	-MV-F12SM00-1-6 ED	M20X1.5	3/8	34	22	630
S	-MV-F14SM00-1-8 ED	M22X1.5	1/2	36.5	27	630
S	-MV-F16SM00-1-8 ED	M24X1.5	1/2	37	27	400
S	-MV-F20SM00-1-12 ED	M30X2	3/4	43	32	400
S	-MV-F25SM00-1-16 ED	M36X2	1	48	41	400
S	-MV-F30SM00-1-22 ED	M42X2	1 1/4	51	50	400
S	-MV-F38SM00-1-24 ED	M52X2	1 1/2	60	55	315

Certain materials and structures may have minimum order quantities.

All dimensions are for reference only and may change at any time.

The dimensions shown below are those when the BAOYI nut is tightened by hand.



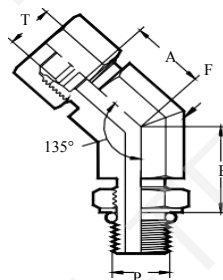

**Male Connector - ISO Parallel Thread(M)-ED Ring**

Series	Part#	Connection Size (MM)		A	F	Pressure Bar
		P	P1			
L	-MV-F6LM00-1-M10ED	M12X1.5	M10X1	24.5	14	315
L	-MV-F8LM00-1-M12 ED	M14X1.5	M12X1.5	26.5	17	315
L	-MV-F10LM00-1-M14 ED	M16X1.5	M14X1.5	27.5	19	315
L	-MV-F12LM00-1-M16 ED	M18X1.5	M16X1.5	30.5	22	315
L	-MV-F15LM00-1-M18 ED	M22X1.5	M18X1.5	31.5	24	315
L	-MV-F18LM00-1-M22 ED	M26X1.5	M22X1.5	31.5	27	315
L	-MV-F22LM00-1-M26 ED	M30X2	M26X1.5	32.5	32	160
L	-MV-F28LM00-1-M33 ED	M36X2	M33X2	35	41	160
L	-MV-F35LM00-1-M42 ED	M45X2	M42X2	42.5	50	160
L	-MV-F42LM00-06-M48 ED	M52X2	M48X2	46.5	65	160
S	-MV-F6SM00-1-M12 ED	M14X1.5	M12X1.5	27	17	630
S	-MV-F8SM00-1-M14 ED	M16X1.5	M14X1.5	29.5	19	630
S	-MV-F10SM00-1-M16 ED	M18X1.5	M16X1.5	32	22	630
S	-MV-F12SM00-1-M18 ED	M20X1.5	M18X1.5	34	24	630
S	-MV-F14SM00-1-M20 ED	M22X1.5	M20X1.5	36.5	27	630
S	-MV-F16SM00-1-M22 ED	M24X1.5	M22X1.5	37	27	400
S	-MV-F20SM00-1-M27 ED	M30X2	M27X2	43	32	400
S	-MV-F25SM00-1-M33 ED	M36X2	M33X2	48	41	400
S	-MV-F30SM00-1-M42 ED	M42X2	M42X2	51	50	400
S	-MV-F38SM00-1-M48 ED	M52X2	M48X2	60	55	315

Certain materials and structures may have minimum order quantities.

All dimensions are for reference only and may change at any time.

The dimensions shown below are those when the BAOYI nut is tightened by hand.


**135° Elbow-Positionable Male Thread - SAE/ME**

Seris	Part#	Connection Size (MM)		A	B	F	Pressure Bar
		T	UNF				
L	-MV-6LM00-05-4ST	6	7/16-20	9	19	14	315
L	-MV-8LM00-05-4ST	8	7/16-20	12	19	14	315
L	-MV-10LM00-05-6ST	10	9/16-18	12	24	19	315
L	-MV-12LM00-05-6ST	12	9/16-18	14	24	19	315
L	-MV-12LM00-05-8ST	12	3/4-16	14	24	19	315
L	-MV-15LM00-05-8ST	15	3/4-16	17	24	22	315
L	-MV-15LM00-05-10ST	15	7/8-14	17	24	22	315
L	-MV-18LM00-05-10ST	18	7/8-14	17	30	27	315
L	-MV-18LM00-05-12ST	18	1 1/16-12	17	30	30	315
L	-MV-22LM00-05-12ST	22	1 1/16-12	19	33	30	315
S	-MV-28LM00-05-16ST	28	1 5/16-12	23	35	36	315
S	-MV-35LM00-05-20ST	35	1 5/8-12	27	37	50	315
S	-MV-42LM00-05-24ST	42	1 7/8-12	26	37	50	315
S	-MV-6SM00-05-4ST	6	7/16-20	9	18	14	315
S	-MV-8SM00-05-6ST	8	9/16-18	12	21	19	315
S	-MV-10SM00-05-6ST	10	9/16-18	13	21	19	315
S	-MV-12SM00-05-8ST	12	3/4-16	17	22	22	315
S	-MV-16SM00-05-10ST	16	7/8-14	16	29	29	315
S	-MV-20SM00-05-12ST	20	1 1/16-12	16	31	30	315
S	-MV-25SM00-05-12ST	25	1 1/16-12	30	33	36	315
S	-MV-30SM00-05-20ST	30	1 5/8-12	24	35	50	315
S	-MV-38SM00-05-20ST	38	1 7/8-12	21	35	50	315

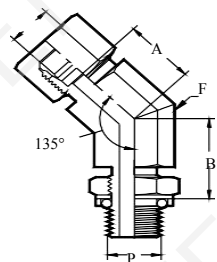
**135° Elbow-Positionable ISO Male Thread - (M)**

Series	Part#	Connection Size (MM)		A	B	F	Pressure Bar
		T	P-M				
L	-MV-6LM00-05-M10ST	6	M10X1	9	20	14	315
L	-MV-8LM00-05-M12ST	8	M12X1.5	12	18	14	315
L	-MV-10LM00-05-M14ST	10	M14X1.5	12	22	19	315
L	-MV-12LM00-05-M16ST	12	M16X1.5	14	23	19	315
L	-MV-15LM00-05-M18ST	15	M18X1.5	17	23	22	315
L	-MV-18LM00-05-M22ST	18	M22X1.5	17	30	27	315
L	-MV-22LM00-05-M27ST	22	M27X2	19	30	30	315
L	-MV-28LM00-05-M33ST	28	M33X2	23	34	36	315
L	-MV-35LM00-05-M42ST	35	M42X2	27	36	50	315
L	-MV-42LM00-05-M48ST	42	M48X2	26	36	50	160
S	-MV-6SM00-05-M12ST	6	M12X1.5	9	18	14	400
S	-MV-8SM00-05-M14ST	8	M14X1.5	12	18	19	400
S	-MV-10SM00-05-M16ST	10	M16X1.5	13	22	19	400
S	-MV-12SM00-05-M18ST	12	M18X1.5	17	23	22	400
S	-MV-16SM00-05-M22ST	16	M22X1.5	16	20	27	400
S	-MV-20SM00-05-M27ST	20	M27X2	16	33	30	400
S	-MV-25SM00-05-M33ST	25	M33X2	19	35	36	400
S	-MV-30SM00-05-M42ST	30	M42X2	24	36	50	400
S	-MV-38SM00-05-M48ST	38	M48X2	21	36	50	400

Certain materials and structures may have minimum order quantities.

All dimensions are for reference only and may change at any time.

The dimensions shown below are those when the BAOYI nut is tightened by hand.

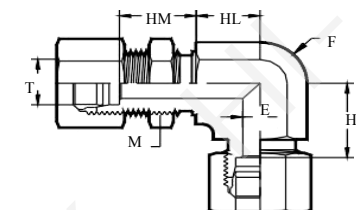
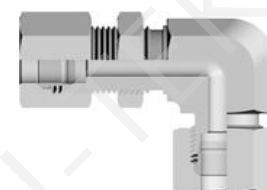
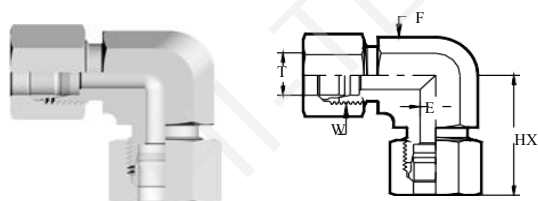

**135° Elbow-Positionable ISO Male Thread - BSP**

Series	Part#	Connection Size (MM)		A	B	F	Pressure Bar
		T	P-BSP				
L	-MV-6LM00-05-2PR	6	G1/8	7	9	14	315
L	-MV-8LM00-05-4PR	8	G1/4	9	12	14	315
L	-MV-10LM00-05-4PR	10	G1/4	9	12	19	315
L	-MV-12LM00-05-6PR	12	G3/8	9	14	19	315
L	-MV-15LM00-05-8PR	15	G1/2	13	17	22	315
L	-MV-18LM00-05-8PR	18	G1/2	13	17	27	315
L	-MV-22LM00-05-12 PR	22	G3/4	13	19	30	160
L	-MV-28LM00-05-16 PR	28	G1	15	23	36	160
L	-MV-35LM00-05-20 PR	35	G1 1/4	15	160	50	160
L	-MV-42LM00-05-24 PR	42	G1 1/2	15	160	50	160
S	-MV-6SM00-05-4PR	6	G1/4	9	9	14	315
S	-MV-8SM00-05-4PR	8	G1/4	9	12	19	315
S	-MV-10SM00-05-6PR	10	G3/8	9	13	19	315
S	-MV-12SM00-05-6PR	12	G3/8	9	17	22	315
S	-MV-16SM00-05-8PR	16	G1/2	13	16	27	315
S	-MV-20SM00-05-12 PR	20	G3/4	12	16	27	315
S	-MV-25SM00-05-16 PR	25	G1	14	19	36	315
S	-MV-30SM00-05-20 PR	30	G1 1/4	15	24	50	315
S	-MV-38SM00-05-24 PR	38	G1 1/2	15	21	50	315

Certain materials and structures may have minimum order quantities.

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The dimensions shown below are those when the BAOYI nut is tightened by hand.


**90° Union Elbow**

Series	Part#	Connection Size (MM)		HX	F	Pressure Bar
		T	T1			
LL	-MV-4LLMOO-9	4	4	11	9	100
LL	-MV-6LLMOO-9	6	6	9.5	11	100
LL	-MV-8LLMOO-9	8	8	11.5	12	100
LL	-MV-10LLMOO-9	10	10	12.5	14	100
LL	-MV-12LLMOO-9	12	12	13	17	100
L	-MV-6LMOO-9	6	6	12	12	315
L	-MV-8LMOO-9	8	8	14	14	315
L	-MV-10LMOO-9	10	10	15	17	315
L	-MV-12LMOO-9	12	12	17	19	315
L	-MV-15LMOO-9	15	15	21	19	315
L	-MV-18LMOO-9	18	18	23.5	24	315
L	-MV-22LMOO-9	22	22	27.5	27	160
L	-MV-28LMOO-9	28	28	30.5	36	160
L	-MV-35LMOO-9	35	35	34.5	41	160
L	-MV-42LMOO-9	42	42	40	50	160
S	-MV-6SMOO-9	6	6	16	14	630
S	-MV-8SMOO-9	8	8	17	17	630
S	-MV-10SMOO-9	10	10	17.5	19	630
S	-MV-12SMOO-9	12	12	21.5	22	630
S	-MV-14SMOO-9	14	14	22	19	630
S	-MV-16SMOO-9	16	16	24.5	24	400
S	-MV-20SMOO-9	20	20	26.5	27	400
S	-MV-25SMOO-9	25	25	30	36	400
S	-MV-30SMOO-9	30	30	35.5	41	400
S	-MV-38SMOO-9	38	38	41	50	315

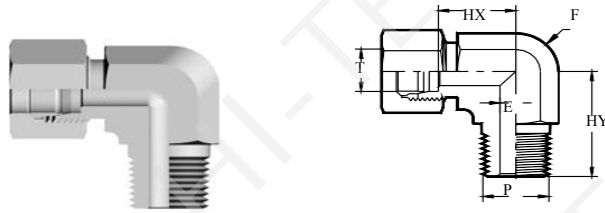
**90° Bulkhead Elbow**

Series	Part#	Connection Size (MM)		HX	HL	HM	F	Pressure Bar
		T	T1					
L	-MV-6LMOO-91	6	6	12	14	27	12	315
L	-MV-8LMOO-91	8	8	14	17	27	14	315
L	-MV-10LMOO-91	10	10	15	18	28	17	315
L	-MV-12LMOO-91	12	12	17	20	29	19	315
L	-MV-15LMOO-91	15	15	21	23	31	19	315
L	-MV-18LMOO-91	18	18	23.5	24	32.5	24	315
L	-MV-22LMOO-91	22	22	27.5	30	34.5	27	160
L	-MV-28LMOO-91	28	28	30.5	34	35.5	36	160
L	-MV-35LMOO-91	35	35	34.5	39	36.5	41	160
L	-MV-42LMOO-91	42	42	40	43	36	50	160
S	-MV-6SMOO-91	6	6	16	17	29	14	630
S	-MV-8SMOO-91	8	8	17	18	29	17	630
S	-MV-10SMOO-91	10	10	17.5	20	29.5	19	630
S	-MV-12SMOO-91	12	12	21.5	21	30.5	22	630
S	-MV-14SMOO-91	14	14	22	23	32	19	630
S	-MV-16SMOO-91	16	16	24.5	24	31.5	24	400
S	-MV-20SMOO-91	20	20	26.5	30	33.5	27	400
S	-MV-25SMOO-91	25	25	30	34	35	36	400
S	-MV-30SMOO-91	30	30	35.5	39	37.5	41	400
S	-MV-38SMOO-91	38	38	41	43	37	50	315

Certain materials and structures may have minimum order quantities.

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The dimensions shown below are those when the BAOYI nut is tightened by hand.

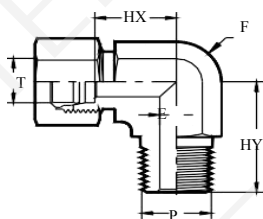
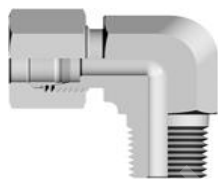

**90° Elbow - Male Thread - NPT**

Series	Part#	Connection Size (MM)		HX	HY	F	Pressure Bar
		T	P-NPT				
LL	-MV-4LLMOO-2-2	4	1/8	11	17	9	100
LL	-MV-6LLMOO-2-2	6	1/8	9.5	17	9	100
LL	-MV-8LLMOO-2-2	8	1/8	11.5	20	12	100
L	-MV-6LMOO-2-2	6	1/8	12	20	12	315
L	-MV-6LMOO-2-4	6	1/4	14	26	14	315
L	-MV-8LMOO-2-4	8	1/4	14	26	12	315
L	-MV-10LMOO-2-4	10	1/4	15	27	12	315
L	-MV-12LMOO-2-6	12	3/8	17	28	17	315
L	-MV-12LMOO-2-4	12	1/4	17	28	19	315
L	-MV-12LMOO-2-8	12	1/2	21	34	19	315
L	-MV-15LMOO-2-8	15	1/2	21	34	19	315
L	-MV-18LMOO-2-8	18	1/2	23.5	36	24	315
L	-MV-22LMOO-2-12	22	3/4	27.5	42	27	160
L	-MV-28LMOO-2-16	28	1	30.5	48	36	160
L	-MV-35LMOO-2-20	35	1 1/4	34.5	54	41	160
L	-MV-42LMOO-2-24	42	1 1/2	40	61	50	160
S	-MV-6SMOO-2-4	6	1/4	16	26	12	630
S	-MV-8SMOO-2-4	8	1/4	17	27	14	630
S	-MV-10SMOO-2-6	10	3/8	17.5	28	17	630
S	-MV-12SMOO-2-6	12	3/8	22.5	28	17	630
S	-MV-14SMOO-2-8	14	1/2	22	34	19	630
S	-MV-16SMOO-2-8	16	1/2	24.5	36	24	400
S	-MV-20SMOO-2-12	20	3/4	26.5	42	27	400
S	-MV-25SMOO-2-16	25	1	30	48	36	400
S	-MV-30SMOO-2-20	30	1 1/4	35.5	54	41	400
S	-MV-38SMOO-2-24	38	1 1/2	41	61	50	315

**90° Elbow - Male Thread - BSPT**

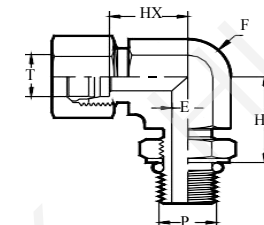
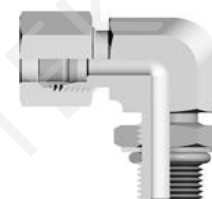
Series	Part#	Connection Size (MM)		HY	HX	F	Pressure Bar
		T	P-BSPT				
LL	-MV-4LLMOO-2-2RT	4	1/8	17	11	11	100
LL	-MV-6LLMOO-2-2RT	6	1/8	17	9.5	11	100
LL	-MV-8LLMOO-2-2RT	8	1/8	20	11.5	12	100
LL	-MV-10LLMOO-2-4RT	10	1/4	23	12.5	14	100
LL	-MV-12LLMOO-2-4RT	12	1/4	23	13	17	100
L	-MV-6LMOO-2-2RT	6	1/8	20	12	12	315
L	-MV-8LMOO-2-4RT	8	1/4	26	14	14	315
L	-MV-10LMOO-2-4RT	10	1/4	27	15	17	315
L	-MV-12LMOO-2-6RT	12	1/4	28	17	19	315
L	-MV-12LMOO-2-4RT	12	3/8	27	17	19	315
L	-MV-15LMOO-2-8RT	15	1/2	34	21	19	315
L	-MV-18LMOO-2-8RT	18	1/2	36	23.5	24	315
L	-MV-22LMOO-2-12RT	22	3/4	42	27.5	27	160
S	-MV-6SMOO-2-4RT	6	1/4	26	16	14	400
S	-MV-8SMOO-2-4RT	8	1/4	27	17	17	400
S	-MV-10SMOO-2-6RT	10	3/8	28	18	19	400
S	-MV-12SMOO-2-6RT	12	3/8	28	21.5	22	400
S	-MV-14SMOO-2-8RT	14	1/2	32	22	19	400
S	-MV-16SMOO-2-8RT	16	1/2	32	24.5	24	400

Certain materials and structures may have minimum order quantities.  
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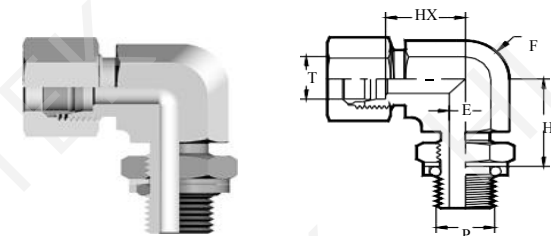
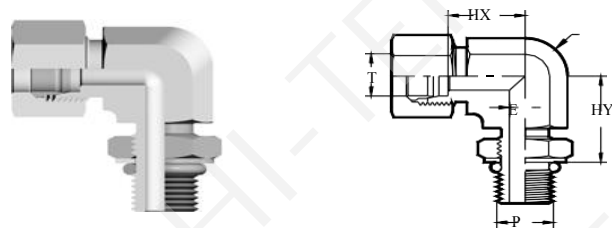

**90° Elbow - Male Thread - ZM**

Series	Part#	Connection Size (MM)		HX	HY	F	Pressure Bar
		T	P-ZM				
LL	-MV-6LLMOO-2- ZM10	6	ZM10X1	17	9.5	11	100
LL	-MV-8LLMOO-2- ZM10	8	ZM10X1	20	11.5	12	100
L	-MV-6LMOO-2- ZM10	6	ZM10X1	20	12	12	315
L	-MV-8LMOO-2- ZM12	8	ZM12X1.5	26	14	14	315
L	-MV-10LMOO-2- ZM14	10	ZM14X1.5	27	15	17	315
L	-MV-12LMOO-2- ZM16	12	ZM16X1.5	28	17	19	315
L	-MV-15LMOO-2- ZM18	15	ZM18X1.5	32	21	19	315
L	-MV-18LMOO-2- ZM22	18	ZM22X1.5	36	23	24	315
L	-MV-6LMOO-2- ZM12	6	ZM12X1.5	26	16	14	400
S	-MV-8SMOO-2- ZM14	8	ZM14X1.5	27	17	17	400
S	-MV-10SMOO-2- ZM16	10	ZM16X1.5	28	17.5	19	400
S	-MV-12SMOO-2- ZM18	12	ZM18X1.5	28	21.5	22	400
S	-MV-14SMOO-2- ZM20	14	ZM20X1.5	32	22	19	400
S	-MV-16SMOO-2- ZM22	16	ZM22X1.5	32	24.5	24	400

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**90° Elbow - Positionable Male Thread - SAE/ME**

Series	Part#	Connection Size (MM)		HY	HX	F	Pressure Bar
		T	P-UNF				
L	-MV-6LM00-2-4ST	6	7/16-20	19	14	14	315
L	-MV-8LM00-2-4ST	8	7/16-20	19	16	14	315
L	-MV-10LM00-2-6ST	10	9/16-18	24	17	19	315
L	-MV-12LM00-2-6ST	12	9/16-18	25	19	19	315
L	-MV-12LM00-2-8ST	12	3/4-16	25	19	19	315
L	-MV-15LM00-2-8ST	15	3/4-16	28	21	22	315
L	-MV-15LM00-2-10ST	15	7/8-14	28	21	22	315
L	-MV-18LM00-2-10ST	18	7/8-14	32	24	27	315
L	-MV-18LM00-2-12ST	18	1.1/16-12	32	24	30	315
L	-MV-22LM00-2-12ST	22	1.1/16-12	35	28	30	160
L	-MV-28LM00-2-16ST	28	1.5/16-12	42	31	36	160
L	-MV-35LM00-2-20ST	35	1.5/8-12	46	38	50	160
S	-MV-42LM00-2-24ST	42	1.7/8-12	47	38	50	160
S	-MV-6SM00-2-4ST	6	7/16-20	20	15	14	400
S	-MV-8SM00-2-6ST	8	9/16-18	25	17	19	400
S	-MV-10SM00-2-6ST	10	9/16-18	26	18	19	400
S	-MV-16SM00-2-8ST	12	3/4-16	30	22	22	400
S	-MV-16SM00-2-10ST	16	7/8-14	34	25	27	400
S	-MV-20SM00-2-12ST	20	1.1/16-12	37	28	30	400
S	-MV-25SM00-2-12ST	25	1.1/16-12	50	30	36	400
S	-MV-30SM00-2-20ST	30	1.5/8-12	50	36	50	250
S	-MV-38SM00-2-20ST	38	1.7/8-12	51	34	50	250


**90° Elbow - Positionable Male Thread - Metric**

Series	Part#	Connection Size (MM)		HX	HY	F	Pressure Bar
		T	P-M				
LL	-MV-4LLM00-2-M8ST	4	M8X1	7.1	19.8	12	250
LL	-MV-4LLM00-2-M10ST	4	M10X1	7.1	19.8	11	250
LL	-MV-6LLM00-2-M10ST	6	M10X1	7.1	19.8	14	250
LL	-MV-6LLM00-2-M12ST	6	M12X1.5	9.6	23.2	14	250
L	-MV-6LM00-2-M10ST	6	M10X1	7	20	14	315
L	-MV-8LM00-2-M12ST	8	M12X1.5	10	22	14	315
L	-MV-10LM00-2-M14ST	10	M14X1.5	10	25	19	315
L	-MV-12LM00-2-M16ST	12	M16X1.5	10	26	19	315
L	-MV-15LM00-2-M18ST	15	M18X1.5	11	30	22	315
L	-MV-18LM00-2-M22ST	18	M22X1.5	12	33	27	315
L	-MV-22LM00-2-M27ST	22	M27X2	14	35	30	160
L	-MV-28LM00-2-M33ST	28	M33X2	14	38	36	160
L	-MV-35LM00-2-M42ST	35	M42X2	14	48	50	160
L	-MV-42LM00-2-M48ST	42	M48X2	16	49	50	160
S	-MV-6SM00-2-M12ST	6	M12X1.5	10	22	14	400
S	-MV-8SM00-2-M14ST	8	M14X1.5	10	26	19	400
S	-MV-10SM00-2-M16ST	10	M16X1.5	11	27	19	400
S	-MV-12SM00-2-M18ST	12	M18X1.5	12	31	22	400
S	-MV-16SM00-2-M22ST	16	M22X1.5	14	35	27	400
S	-MV-20SM00-2-M27ST	20	M27X2	16	39	30	400
S	-MV-25SM00-2-M33ST	25	M33X2	16	44	36	315
S	-MV-30SM00-2-M42ST	30	M42X2	17	51	50	250
S	-MV-38SM00-2-M48ST	38	M48X2	19	54	50	250

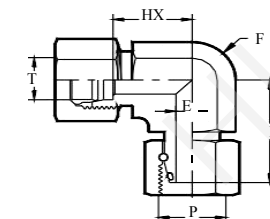
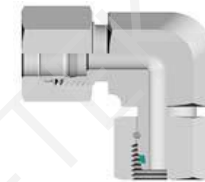
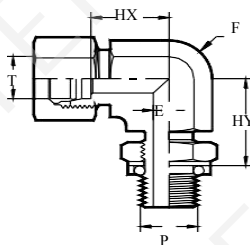
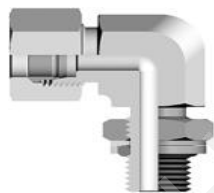
**90° Elbow - Positionable Male Thread - BSP**

Series	Part#	Connection Size (MM)		HY	HX	F	Pressure Bar
		T	P-BSP				
L	-MV-6LM00-2-2PR	6	G1/8	19	14	14	315
L	-MV-8LM00-2-4PR	8	G1/4	23	16	14	315
L	-MV-10LM00-2-4PR	10	G1/4	25	17	19	315
L	-MV-12LM00-2-6PR	12	G3/8	28	19	19	250
L	-MV-15LM00-2-8PR	15	G1/2	30	21	22	250
L	-MV-18LM00-2-8PR	18	G1/2	36	24	27	250
L	-MV-22LM00-2-12 PR	22	G3/4	36	28	30	160
L	-MV-28LM00-2-16 PR	28	G1	44	31	36	160
L	-MV-35LM00-2-20 PR	35	G1 1/4	50	38	50	160
L	-MV-42LM00-2-24 PR	42	G1 1/2	52	38	50	160
S	-MV-6SM00-2-4PR	6	G1/4	23	15	14	315
S	-MV-8SM00-2-4PR	8	G1/4	27	17	19	315
S	-MV-10LM00-2-6PR	10	G3/8	29	18	19	250
S	-MV-12SM00-2-6PR	12	G3/8	29	22	22	250
S	-MV-16SM00-2-8PR	16	G1/2	36	25	27	250
S	-MV-20SM00-2-12 PR	20	G3/4	39	28	30	250
S	-MV-25SM00-2-16 PR	25	G1	44	30	36	250
S	-MV-30SM00-2-20 PR	30	G1 1/4	49	36	50	160
S	-MV-38SM00-2-24 PR	38	G1 1/2	55	34	50	160

Certain materials and structures may have minimum order quantities.

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The dimensions shown below are those when the BAOYI nut is tightened by hand.


**90° Elbow Positionable Male Thread - M**

Series	Part#	Connection Size (MM)		HX	HY	F	Pressure Bar
		T	P-M				
L	-MV-6LM00-2-M10 PR	6	M10X1	14	20	14	315
L	-MV-8LM00-2-M12 PR	8	M12X1.5	16	22	14	315
L	-MV-10LM00-2-M14 PR	10	M14X1.5	17	24	19	315
L	-MV-12LM00-2-M16 PR	12	M16X1.5	19	25	19	315
L	-MV-15LM00-2-M18 PR	15	M18X1.5	21	31	22	250
L	-MV-18LM00-2-M22 PR	18	M22X1.5	24	33	27	250
L	-MV-22LM00-2-M27 PR	22	M27X2	28	36	30	250
L	-MV-28LM00-2-M33 PR	28	M33X2	31	39	36	250
L	-MV-35LM00-2-M42 PR	35	M42X2	38	49	50	250
L	-MV-42LM00-2-M48 PR	42	M48X2	38	50	50	250
S	-MV-6SM00-2-M12 PR	6	M12X1.5	15	22	14	315
S	-MV-8SM00-2-M14 PR	8	M14X1.5	17	26	19	315
S	-MV-10SM00-2-M16 PR	10	M16X1.5	18	27	19	315
S	-MV-12SM00-2-M18 PR	12	M18X1.5	22	31	22	250
S	-MV-14SM00-2-M22 PR	16	M22X1.5	25	36	27	250
S	-MV-20SM00-2-M27 PR	20	M27X2	28	39	30	250
S	-MV-25SM00-2-M33 PR	25	M33X2	30	44	36	160
S	-MV-30SM00-2-M42 PR	30	M42X2	36	51	50	160
S	-MV-38SM00-2-M48 PR	38	M48X2	34	54	50	160

**90° Elbow - Metric Thread**

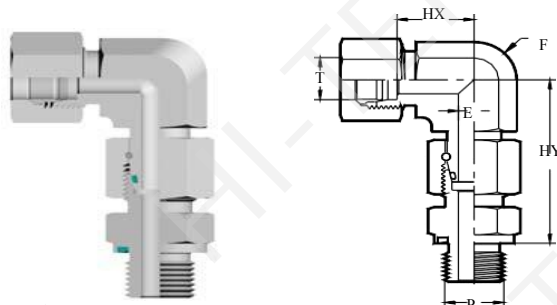
Series	Part#	Connection Size (MM)		HY	HX	F	Pressure Bar
		T	P-M				
L	-MV-F6LM00-2	6	M12X1.5	26	12	12	315
L	-MV-F8LM00-2	8	M14X1.5	27	14	12	315
L	-MV-F10LM00-2	10	M16X1.5	29	15	14	315
L	-MV-F12LM00-2	12	M18X1.5	29	17	17	315
L	-MV-F15LM00-2	15	M22X1.5	32	21	19	315
L	-MV-F18LM00-2	18	M26X1.5	35	23	24	315
L	-MV-F22LM00-2	22	M30X2	38	27.5	27	160
L	-MV-F28LM00-2	28	M36X2	41	30.5	36	160
L	-MV-F35LM00-2	35	M45X2	51	34.5	41	160
L	-MV-F42LM00-2	42	M52X2	56	40.0	50	160
S	-MV-F6SM00-2	6	M14X1.5	27	16	12	630
S	-MV-F8SM00-2	8	M16X1.5	27	17	14	630
S	-MV-F10SM00-2	10	M18X1.5	30	17.5	17	630
S	-MV-F12SM00-2	12	M22X1.5	31	21.5	17	630
S	-MV-F14SM00-2	14	M24X1.5	35	22	19	630
S	-MV-F16SM00-2	16	M26X1.5	36	24.5	24	400
S	-MV-F20SM00-2	20	M30X2	44	26.5	27	400
S	-MV-F25SM00-2	25	M36X2	50	30	36	400
S	-MV-F30SM00-2	30	M45X2	55	35.5	41	400
S	-MV-F38SM00-2	38	M52X2	63	41	50	315

Certain materials and structures may have minimum order quantities.

All dimensions are for reference only and may change at any time.

The dimensions shown below are those when the BAOYI nut is tightened by hand.




**Adjustable Locknut 90° Elbow - ISO Parallel Thread - BSP**

Series	Part#	Connection Size (MM)		HX	HY	F	Pressure Bar
		T	P-BSP				
L	-MV-6LM00-2Z-2ED	6	G1/8	12	34.5	12	315
L	-MV-8LM00-2Z-4 ED	8	G1/4	14	37.5	12	315
L	-MV-10LM00-2Z-4 ED	10	G1/4	15	40	14	315
L	-MV-12LM00-2Z-6 ED	12	G3/8	17	42.	17	315
L	-MV-15LM00-2Z-8 ED	15	G1/2	21	46.5	19	315
L	-MV-18LM00-2Z-8 ED	18	G1/2	23.5	50	24	315
L	-MV-22LM00-2Z-12 ED	22	G3/4	27.5	55	27	160
L	-MV-28LM00-2Z-16 ED	28	G1	30.5	59	36	160
L	-MV-35LM00-2Z-20 ED	35	G1 1/4	34.5	68.5	41	160
L	-MV-42LM00-2Z-24 ED	42	G1 1/2	40	75	50	160
S	-MV-6SM00-2Z-4 ED	6	G1/4	16	40	12	630
S	-MV-8SM00-2Z-4 ED	8	G1/4	17	42.5	14	630
S	-MV-10SM00-2Z-6 ED	10	G3/8	17.5	45	17	630
S	-MV-12SM00-2Z-6 ED	12	G3/8	21.5	48	17	630
S	-MV-14SM00-2Z-8 ED	14	G1/2	22	54	19	630
S	-MV-16SM00-2Z-8 ED	16	G1/2	24.5	55	24	400
S	-MV-20SM00-2Z-12 ED	20	G3/4	26.5	65	27	400
S	-MV-25SM00-2Z-16 ED	25	G1	30	73	36	400
S	-MV-30SM00-2Z-20 ED	30	G1 1/4	35.5	78.5	41	400
S	-MV-38SM00-2Z-24 ED	38	G1 1/2	41	89	50	315

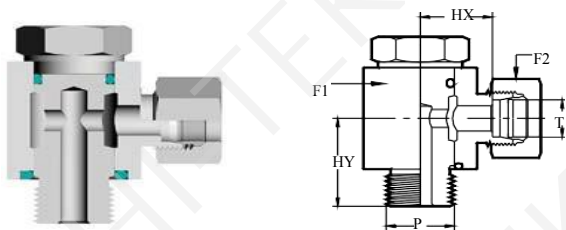
**Adjustable Locknut 90° Elbow - ISO Parallel Thread -M**

Series	Part#	Connection Size (MM)		HY	HX	F	Pressure Bar
		T	P-M				
L	-MV-6LM00-2Z-M10 ED	6	M10X1.0	34.5	12	12	315
L	-MV-8LM00-2Z-M12 ED	8	M12X1.5	37.5	14	12	315
L	-MV-10LM00-2Z-M14 ED	10	M14X1.5	40.0	15	14	315
L	-MV-12LM00-2Z-M16 ED	12	M16X1.5	42.0	17	17	315
L	-MV-15LM00-2Z-M18 ED	15	M18X1.5	46.0	21	19	315
L	-MV-18LM00-2Z-M22 ED	18	M22X1.5	50.0	23.5	24	315
L	-MV-22LM00-2Z-M26 ED	22	M26X1.5	55.0	27.5	27	160
L	-MV-28LM00-2Z-M33 ED	28	M33X2.0	59.0	30.5	36	160
L	-MV-35LM00-2Z-M42 ED	35	M42X2.0	68.5	34.5	41	160
L	-MV-42LM00-2Z-M48 ED	42	M48X2.0	75.0	40.0	50	160
S	-MV-6SM00-2Z-M12 ED	6	M12X1.5	40.0	16	12	630
S	-MV-8SM00-2Z-M14 ED	8	M14X1.5	42.5	17	14	630
S	-MV-10SM00-2Z-M16 ED	10	M16X1.5	45.0	17.5	17	630
S	-MV-12SM00-2Z-M18 ED	12	M18X1.5	48.0	21.5	17	630
S	-MV-14SM00-2Z-M20 ED	14	M20X1.5	54.0	22	19	630
S	-MV-16SM00-2Z-M22 ED	16	M22X1.5	55.0	24.5	24	400
S	-MV-20SM00-2Z-M27 ED	20	M27X2.0	65.0	26.5	27	400
S	-MV-25SM00-2Z-M33 ED	25	M33X2.0	73.0	30	36	400
S	-MV-30SM00-2Z-M42 ED	30	M42X2.0	78.5	35.5	41	400
S	-MV-38SM00-2Z-M48 ED	38	M48X2.0	89.0	41	50	315

Certain materials and structures may have minimum order quantities.

All dimensions are for reference only and may change at any time.

The dimensions shown below are those when the BAOYI nut is tightened by hand.


**90° Banjo Elbow - BSP**

Series	Part#	Connection Size (MM)		HX	HY	F	Pressure Bar
		T	P-BSP				
L	-MV-6LM00-2J-2PR	6	G1/8	12.0	24	17	250
L	-MV-8LM00-2J-4PR	8	G1/4	14.5	30	22	250
L	-MV-10LM00-2J-4PR	10	G1/4	15.5	30	22	250
L	-MV-12LM00-2J-6PR	12	G3/8	18.0	36	27	250
L	-MV-15LM00-2J-8PR	15	G1/2	21.5	45	32	250
L	-MV-18LM00-2J-8PR	18	G1/2	21.0	45	32	250
L	-MV-22LM00-2J-12PR	22	G3/4	27.5	53	41	160
L	-MV-28LM00-2J-16PR	28	G1	32.0	66	50	160
L	-MV-35LM00-2J-20PR	35	G1.1/4	36.0	76	60	160
L	-MV-42LM00-2J-24PR	42	G1.1/2	40.5	87	70	160
S	-MV-6SM00-2J-4PR	6	G1/4	14.0	30	22	315
S	-MV-8SM00-2J-4PR	8	G1/4	14.0	30	22	315
S	-MV-10SM00-2J-6PR	10	G3/8	16.5	36	27	315
S	-MV-12SM00-2J-6PR	12	G3/8	16.5	36	27	315
S	-MV-14SM00-2J-8PR	14	G1/2	21.5	45	32	315
S	-MV-16SM00-2J-8PR	16	G1/2	21.5	45	32	315
S	-MV-20SM00-2J-12PR	20	G3/4	24.0	53	41	160
S	-MV-25SM00-2J-16PR	25	G1	30.5	66	50	160
S	-MV-30SM00-2J-20PR	30	G1.1/4	34.5	76	60	160
S	-MV-38SM00-2J-24PR	38	G1.1/2	40.5	87	70	160

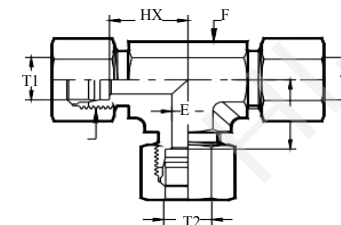
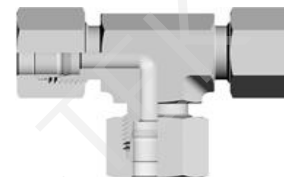
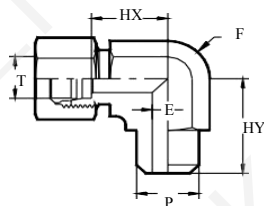
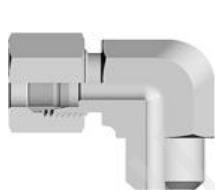
**90° Banjo Elbow - Metric**

Series	Part#	Connection Size (MM)		HY	HX	F	Pressure Bar
		T	P-M				
L	-MV-6LM00-2J- M10 PR	6	M10X1.0	10.5	12.0	17	250
L	-MV-8LM00-2J- M12 PR	8	M12X1.5	14.0	14.5	22	250
L	-MV-10LM00-2J- M14 PR	10	M14X1.5	14.0	15.5	22	250
L	-MV-12LM00-2J- M16 PR	12	M16X1.5	16.5	18.0	27	250
L	-MV-15LM00-2J- M18 PR	15	M18X1.5	18.5	21.5	30	250
L	-MV-18LM00-2J- M22 PR	18	M22X1.5	21.5	21.0	32	250
L	-MV-22LM00-2J- M26 PR	22	M26X1.5	24.0	27.5	41	160
L	-MV-28LM00-2J- M33 PR	28	M33X2.0	30.5	32.0	50	160
L	-MV-35LM00-2J- M42 PR	35	M42X2.0	35.5	36.0	60	160
L	-MV-48LM00-2J- M48 PR	42	M48X2.0	40.5	40.5	70	160
S	-MV-6SM00-2J- M12 PR	6	M12X1.5	14.0	16.5	22	315
S	-MV-8SM00-2J- M14 PR	8	M14X1.5	14.0	16.5	22	315
S	-MV-10SM00-2J- M16 PR	10	M16X1.5	16.5	18.5	27	315
S	-MV-12SM00-2J- M18 PR	12	M18X1.5	18.5	20.0	27	315
S	-MV-14SM00-2J- M20 PR	14	M20X1.5	20.0	22.5	32	315
S	-MV-16SM00-2J- M22 PR	16	M22X1.5	21.5	22.0	32	315
S	-MV-20SM00-2J- M27 PR	20	M27X2.0	24.0	26.5	41	160
S	-MV-25SM00-2J- M33 PR	25	M33X2.0	30.5	31.5	50	160
S	-MV-30SM00-2J- M42 PR	30	M42X2.0	35.5	37.0	60	160
S	-MV-38SM00-2J- M48 PR	38	M48X2.0	40.5	41.0	70	160

Certain materials and structures may have minimum order quantities.

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The dimensions shown below are those when the BAOYI nut is tightened by hand.


**90° Welding Elbow**

Series	Part#	Connection Size (MM)		HX	HY	F	Pressure Bar
		T	T1				
L	-MV-6LMOO-9-10W	6	10	12	19	12	250
L	-MV-8LMOO-9-12W	8	12	14	23	12	250
L	-MV-10LMOO-9-14W	10	14	15	24	14	250
L	-MV-12LMOO-9-16W	12	16	17	25	17	250
L	-MV-15LMOO-9-19W	15	19	21	30	19	250
L	-MV-18LMOO-9-22W	18	22	23	33	24	250
L	-MV-22LMOO-9-27W	22	27	28	37	27	160
L	-MV-28LMOO-9-32W	28	32	30	42	36	160
L	-MV-35LMOO-9-40W	35	40	35	49	41	160
L	-MV-42LMOO-9-46W	42	46	40	57	50	160
S	-MV-6SMOO-9-11W	6	11	16	23	12	315
S	-MV-8SMOO-9-13W	8	13	17	24	14	315
S	-MV-10SMOO-9-15W	10	15	17	25	17	315
S	-MV-12SMOO-9-17W	12	17	22	29	17	315
S	-MV-14SMOO-9-19W	14	19	23	30	19	315
S	-MV-16SMOO-9-21W	16	21	25	33	24	315
S	-MV-20SMOO-9-26W	20	26	26	37	27	160
S	-MV-25SMOO-9-31W	25	31	30	42	36	160
S	-MV-30SMOO-9-36W	30	36	36	49	41	160
S	-MV-38SMOO-9-44W	38	44	41	57	50	160

**Union Tee**

Series	Part#	Connection Size (MM)			HX	F	Pressure Bar
		T1	T2	T3			
LL	-MV-4LLMOO-3	4	4	4	11	9	100
LL	-MV-6LLMOO-3	6	6	6	9.5	11	100
LL	-MV-8LLMOO-3	8	8	8	11.5	12	100
LL	-MV-10LLMOO-3	10	10	10	12.5	14	100
LL	-MV-12LLMOO-3	12	12	12	13	17	100
L	-MV-6LMOO-3	6	6	6	12	12	315
L	-MV-8LMOO-3	8	8	8	14	14	315
L	-MV-10LMOO-3	10	10	10	15	17	315
L	-MV-12LMOO-3	12	12	12	17	19	315
L	-MV-15LMOO-3	15	15	15	21	19	315
L	-MV-18LMOO-3	18	18	18	23.5	24	315
L	-MV-22LMOO-3	22	22	22	27.5	27	160
L	-MV-28LMOO-3	28	28	28	30.5	36	160
L	-MV-35LMOO-3	35	35	35	34.5	41	160
L	-MV-42LMOO-3	42	42	42	40	50	160
S	-MV-6SMOO-3	6	6	6	16	14	630
S	-MV-8SMOO-3	8	8	8	17	17	630
S	-MV-10SMOO-3	10	10	10	17.5	19	630
S	-MV-12SMOO-3	12	12	12	21.5	22	630
S	-MV-14SMOO-3	14	14	14	22	19	630
S	-MV-16SMOO-3	16	16	16	24.5	24	400
S	-MV-20SMOO-3	20	20	20	26.5	27	400
S	-MV-25SMOO-3	25	25	25	30	36	400
S	-MV-30SMOO-3	30	30	30	35.5	41	400
S	-MV-38SMOO-3	38	38	38	41	50	315

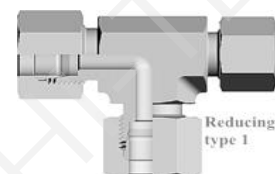
Certain materials and structures may have minimum order quantities.

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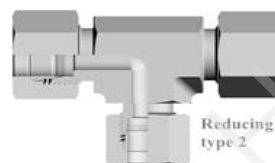
The dimensions shown below are those when the BAOYI nut is tightened by hand.

**Reducer Tee - L Type**

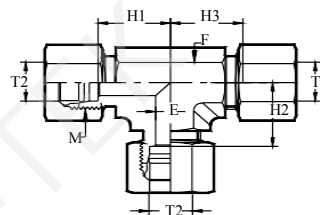
Series	Part#	Connection Size (MM)			H1	H3	H2	F	Pressure Bar
		T1	T2	T3					
LL	-MV-4LLMOO-3-8-4	4	8	4	13	13	11.5	12	100
LL	-MV-6LLMOO-3-4-6	6	4	6	9.5	9.5	11	11	100
L	-MV-6LMOO-3-8-6	6	8	6	14	14	14.0	14	315
L	-MV-8LMOO-3-6-8	8	6	8	14	14	14.0	14	315
L	-MV-6LMOO-3-10-6	6	10	6	15	15	15.0	14	315
L	-MV-8LMOO-3-10-8	8	10	8	15	15	15.0	14	315
L	-MV-10LMOO-3-6-10	10	6	10	15	15	15.0	14	315
L	-MV-10LMOO-3-8-10	10	8	10	15	15	15.0	14	315
L	-MV-10LMOO-3-10-6	10	10	6	15	15	15.0	14	315
L	-MV-8LMOO-3-12-8	8	12	8	17	17	17.0	17	315
L	-MV-12LMOO-3-6-12	12	6	12	17	17	17.0	17	315
L	-MV-12LMOO-3-8-8	12	8	8	17	17	17.0	17	315
L	-MV-12LMOO-3-8-12	12	8	12	17	17	17.0	17	315
L	-MV-12LMOO-3-10-10	12	10	10	17	17	17.0	17	315
L	-MV-12LMOO-3-10-12	12	10	12	17	17	17.0	17	315
L	-MV-12LMOO-3-12-10	12	12	10	17	17	17.0	17	315
L	-MV-10LMOO-3-15-10	10	15	10	21	21	21.0	19	315
L	-MV-12LMOO-3-15-10	12	15	12	21	21	21.0	19	315
L	-MV-15LMOO-3-6-15	15	6	15	21	21	21.0	19	315
L	-MV-15LMOO-3-10-15	15	10	15	21	21	21.0	19	315
L	-MV-15LMOO-3-12-12	15	12	12	21	21	21.0	19	315
L	-MV-15LMOO-3-12-15	15	12	15	21	21	21.0	19	315
L	-MV-15LMOO-3-15-12	15	15	12	21	21	21.0	19	315
L	-MV-12LMOO-3-18-12	12	18	12	24	24	23.5	24	315
L	-MV-18LMOO-3-10-10	18	10	10	23.5	23.5	24.0	24	315
L	-MV-18LMOO-3-10-18	18	10	18	23.5	23.5	24.0	24	315
L	-MV-18LMOO-3-12-18	18	12	18	23.5	23.5	24.0	24	315
L	-MV-18LMOO-3-15-18	18	15	18	23.5	23.5	24.0	24	315
L	-MV-18LMOO-3-18-10	18	18	10	23.5	23.5	23.5	24	315
L	-MV-22LMOO-3-10-22	22	10	22	27.5	27.5	28.0	27	160
L	-MV-22LMOO-3-12-22	22	12	22	27.5	27.5	28.0	27	160
L	-MV-22LMOO-3-15-15	22	15	15	27.5	27.5	28.0	27	160
L	-MV-22LMOO-3-15-22	22	15	22	27.5	27.5	28.0	27	160
L	-MV-22LMOO-3-18-18	22	18	18	27.5	27.5	27.5	27	160
L	-MV-22LMOO-3-18-22	22	18	22	27.5	27.5	27.5	27	160
L	-MV-22LMOO-3-22-18	22	22	18	27.5	27.5	27.5	27	160
L	-MV-28LMOO-3-10-28	28	10	28	30.5	30.5	31.0	36	160
L	-MV-28LMOO-3-12-28	28	12	28	30.5	30.5	31.0	36	160
L	-MV-28LMOO-3-15-28	28	15	28	30.5	30.5	31.0	36	160
L	-MV-28LMOO-3-18-28	28	18	28	30.5	30.5	30.5	36	160
L	-MV-28LMOO-3-22-22	28	22	22	30.5	30.5	30.5	36	160
L	-MV-28LMOO-3-22-28	28	22	28	30.5	30.5	30.5	36	160



Reducing type 1



Reducing type 2



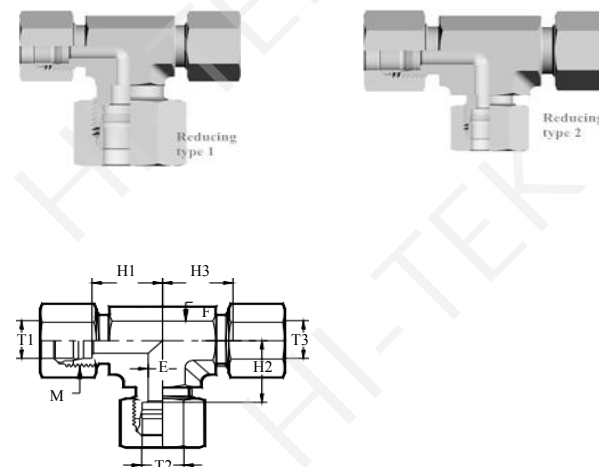
Certain materials and structures may have minimum order quantities.

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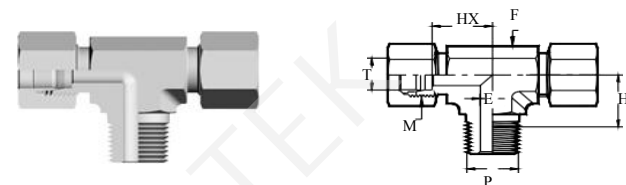
The dimensions shown below are those when the BAOYI nut is tightened by hand.

**Reducer Tee - S Type**

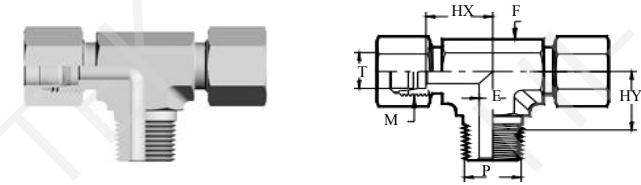
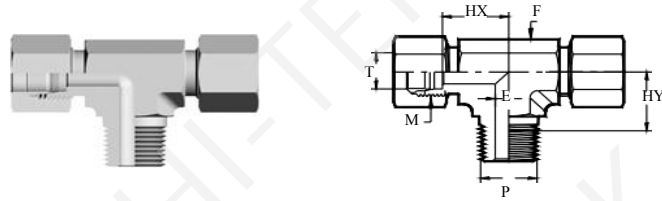
Series	Part#	Connection Size (MM)			H1	H3	H2	F	Pressure Bar
		T1	T2	T3					
S	-MV-10SMOO-3-6-10	10	6	10	17.5	17.5	18	17	400
S	-MV-12SMOO-3-8-8	12	8	8	21.5	22	22	17	400
S	-MV-12SMOO-3-8-12	12	8	12	21.5	21.5	22.0	17	400
S	-MV-12SMOO-3-10-12	12	10	12	21.5	21.5	21.5	17	400
S	-MV-12SMOO-3-16-12	12	16	12	25.5	25.5	24.5	24	400
S	-MV-16SMOO-3-6-16	16	6	16	24.5	24.5	26.0	24	400
S	-MV-16SMOO-3-8-16	16	8	16	24.5	24.5	26.0	24	400
S	-MV-16SMOO-3-10-16	16	10	16	24.5	24.5	25.5	24	400
S	-MV-16SMOO-3-12-16	16	12	16	24.5	24.5	25.5	24	400
S	-MV-16SMOO-3-20-16	16	20	16	28.5	28.5	26.5	27	400
S	-MV-20SMOO-3-10-20	20	10	20	26.5	26.5	29.5	27	400
S	-MV-20SMOO-3-12-20	20	12	20	26.5	26.5	29.5	27	400
S	-MV-20SMOO-3-16-20	20	16	20	26.5	26.5	28.5	27	400
S	-MV-20SMOO-3-25-20	20	25	20	31.5	31.5	30.0	36	400
S	-MV-25SMOO-3-16-25	25	16	25	30.0	30.0	33.5	36	400
S	-MV-25SMOO-3-20-25	25	20	25	30.0	30.0	31.5	36	400
S	-MV-25SMOO-3-30-25	25	30	25	37.0	37.0	35.5	41	400


**Branch Tee - ZM**

Series	Part#	Connection Size (MM)		HX	HY	F	Pressure Bar
		T	P-ZM				
LL	-MV-6LLMOO-3- ZM10-TTM	6	ZM1X1	17	9.5	11	100
LL	-MV-8LLMOO-3- ZM10-TTM	8	ZM1X1	20	11.5	12	100
L	-MV-6LMOO-3- ZM10-TTM	6	ZM10X1	20	12	12	315
L	-MV-10LMOO-3- ZM14-TTM	8	ZM12X1.5	26	14	14	315
L	-MV-8LMOO-3- ZM12-TTM	10	ZM14X1.5	27	15	17	315
L	-MV-12LMOO-3- ZM16-TTM	12	ZM16X1.5	28	17	19	315
L	-MV-15LMOO-3- ZM18-TTM	15	ZM18X1.5	32	21	19	315
L	-MV-18LMOO-3- ZM22-TTM	18	ZM22X1.5	36	23	24	315
L	-MV-6LMOO-3- ZM12-TTM	6	ZM12X1.5	26	16	14	400
S	-MV-8SMOO-3- ZM14-TTM	8	ZM14X1.5	27	17.0	17	400
S	-MV-10SMOO-3- ZM16-TTM	10	ZM16X1.5	28	17.5	19	400
S	-MV-12SMOO-3- ZM18-TTM	12	ZM18X1.5	28	21.5	22	400
S	-MV-14SMOO-3- ZM20-TTM	14	ZM20X1.5	32	22	19	400
S	-MV-16SMOO-3- ZM22-TTM	16	ZM22X1.5	32	24.5	24	400



Certain materials and structures may have minimum order quantities.  
 All dimensions are for reference only and may change at any time.  
 The dimensions shown below are those when the BAOYI nut is tightened by hand.


**Branch Tee - NPT**

Series	Part#	Connection Size (MM)		HX	HY	F	Pressure Bar
		T	P-NPT				
LL	-MV-4LLMOO-3-2-TTM	4	1/8	11	17	9	100
LL	-MV-6LLMOO-3-2-TTM	6	1/8	9.5	17	9	100
LL	-MV-8LLMOO-3-2-TTM	8	1/8	11.5	20	12	100
L	-MV-6LMOO-3- 2-TTM	6	1/8	12	20	12	315
L	-MV-6LMOO-3- 4-TTM	6	1/4	14	26	14	315
L	-MV-8LMOO-3- 4-TTM	8	1/4	14	26	12	315
L	-MV-10LMOO-3- 4-TTM	10	1/4	15	27	12	315
L	-MV-12LMOO-3- 6-TTM	12	3/8	17	28	17	315
L	-MV-12LMOO-3- 4-TTM	12	1/4	17	28	19	315
L	-MV-12LMOO-3- 8-TTM	12	1/2	21	34	19	315
L	-MV-15LMOO-3-8-TTM	15	1/2	21	34	19	315
L	-MV-18LMOO-3- 8-TTM	18	1/2	23.5	36	24	315
L	-MV-22LMOO-3-12-TTM	22	3/4	27.5	42	27	160
L	-MV-28LMOO-3-16-TTM	28	1	30.5	48	36	160
L	-MV-35LMOO-3-20-TTM	35	1 1/4	34.5	54	41	160
L	-MV-42LMOO-3-24-TTM	42	1 1/2	40	61	50	160
S	-MV-6SMOO-3- 4-TTM	6	1/4	16	26	12	630
S	-MV-8SMOO-3- 4-TTM	8	1/4	17	27	14	630
S	-MV-10SMOO-3- 6-TTM	10	3/8	17.5	28	17	630
S	-MV-12SMOO-3- 6-TTM	12	3/8	22.5	28	17	630
S	-MV-14SMOO-3- 8-TTM	14	1/2	22	34	19	630
S	-MV-16SMOO-3- 8-TTM	16	1/2	24.5	36	24	400
S	-MV-20SMOO-3-12-TTM	20	3/4	26.5	42	27	400
S	-MV-25SMOO-3-16-TTM	25	1	30	48	36	400
S	-MV-30SMOO-3-20-TTM	30	1 1/4	35.5	54	41	400
S	-MV-38SMOO-3-24-TTM	38	1 1/2	41	61	50	315

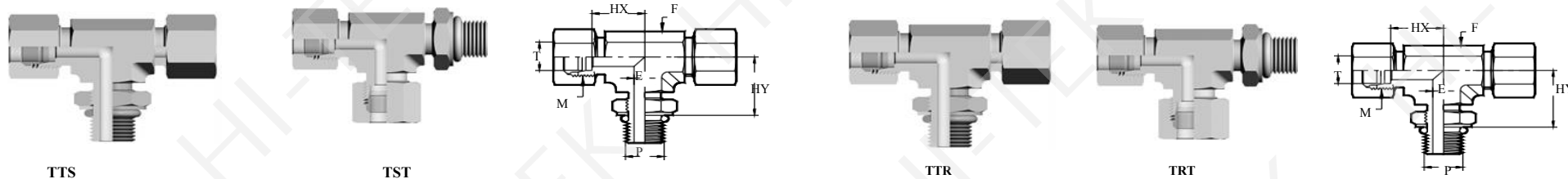
**Branch Tee - BSPT**

Series	Part#	Connection Size (MM)		HX	HY	F	Pressure Bar
		T	P-BSPT				
LL	-MV-4LLMOO-2-2RT-TTM	4	1/8	17	11	11	100
LL	-MV-6LLMOO-2-2RT-TTM	6	1/8	17	9.5	11	100
LL	-MV-8LLMOO-2-2RT-TTM	8	1/8	20	11.5	12	100
LL	-MV-10LLMOO-2-4RT-TTM	10	1/4	23	12.5	14	100
LL	-MV-12LLMOO-2-4RT-TTM	12	1/4	23	13	17	100
L	-MV-6LMOO-2-2RT-TTM	6	1/8	20	12	12	315
L	-MV-8LMOO-2-4RT-TTM	8	1/4	26	14	14	315
L	-MV-10LMOO-2-4RT-TTM	10	1/4	27	15	17	315
L	-MV-12LMOO-2-6RT-TTM	12	1/4	28	17	19	315
L	-MV-12LMOO-2-4RT-TTM	12	3/8	27	17	19	315
L	-MV-15LMOO-2-8RT-TTM	15	1/2	34	21	19	315
L	-MV-18LMOO-2-8RT-TTM	18	1/2	36	23.5	24	315
L	-MV-22LMOO-2-12RT-TTM	22	3/4	42	27.5	27	160
S	-MV-6SMOO-2-4RT-TTM	6	1/4	26	16	14	400
S	-MV-8SMOO-2-4RT-TTM	8	1/4	27	17	17	400
S	-MV-10SMOO-2-6RT-TTM	10	3/8	28	18	19	400
S	-MV-12SMOO-2-6RT-TTM	12	3/8	28	21.5	22	400
S	-MV-14SMOO-2-8RT-TTM	14	1/2	32	22	19	400
S	-MV-16SMOO-2-8RT-TTM	16	1/2	32	24.5	24	400

Certain materials and structures may have minimum order quantities.

All dimensions are for reference only and may change at any time.

The dimensions shown below are those when the BAOYI nut is tightened by hand.


**Adjustable Locknut Tee - SAE/ME**

Series	Part#	Connection Size (MM)		HY	HX	F	Pressure Bar
		T	P-UNF				
L	-MV-6LM00-3-4TST	6	7/16-20	19	14	14	315
L	-MV-8LM00-3-4TST	8	7/16-20	19	16	14	315
L	-MV-10LM00-3-6TST	10	9/16-18	24	17	19	315
L	-MV-12LM00-3-6TST	12	9/16-18	25	19	19	315
L	-MV-12LM00-3-8TST	12	3/4-16	25	19	19	315
L	-MV-15LM00-3-8TST	15	3/4-16	28	21	22	315
L	-MV-15LM00-3-10TST	15	7/8-14	28	21	22	315
L	-MV-18LM00-3-10TST	18	7/8-14	32	24	27	315
L	-MV-18LM00-3-12TST	18	1.1/16-12	32	24	30	315
L	-MV-22LM00-3-12TST	22	1.1/16-12	35	28	30	160
L	-MV-28LM00-3-16TST	28	1.5/16-12	42	31	36	160
L	-MV-35LM00-3-20TST	35	1.5/8-12	46	38	50	160
L	-MV-42LM00-3-24TST	42	1.7/8-12	47	38	50	160
S	-MV-6SM00-3-4TST	6	7/16-20	20	15	14	400
S	-MV-8SM00-3-6TST	8	9/16-18	25	17	19	400
S	-MV-10SM00-3-6TST	10	9/16-18	26	18	19	400
S	-MV-16SM00-3-8TST	12	3/4-16	30	22	22	400
S	-MV-16SM00-3-10TST	16	7/8-14	34	25	27	400
S	-MV-20SM00-3-12TST	20	1.1/16-12	37	28	30	400
S	-MV-25SM00-3-12TST	25	1.1/16-12	50	30	36	400
S	-MV-30SM00-3-20TST	30	1.5/8-12	50	36	50	250
S	-MV-38SM00-3-24TST	38	1.7/8-12	51	34	50	250

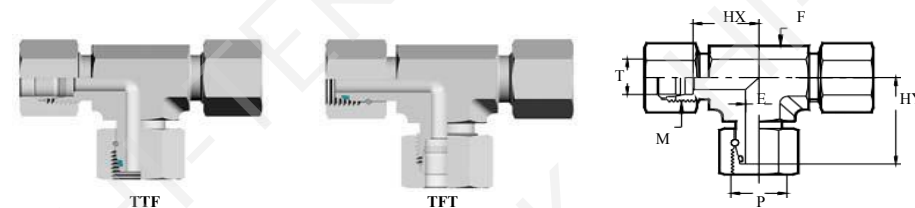
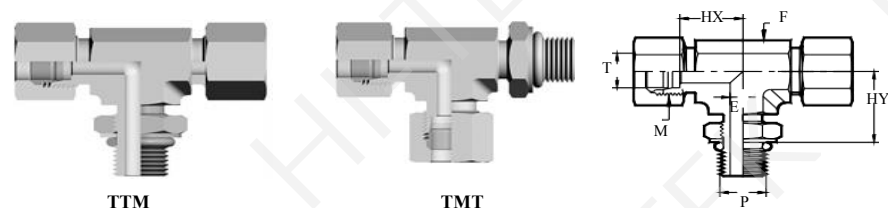
**Adjustable Locknut Tee - BSP**

Series	Part#	Connection Size (MM)		HY	HX	F	Pressure Bar
		T	P-BSP				
L	-MV-6LM00-3-2TRT	6	G1/8	19	14	14	315
L	-MV-8LM00-3-4 TRT	8	G1/4	23	16	14	315
L	-MV-10LM00-3-4 TRT	10	G1/4	25	17	19	315
L	-MV-12LM00-3-6 TRT	12	G3/8	28	19	19	250
L	-MV-15LM00-3-8 TRT	15	G1/2	30	21	22	250
L	-MV-18LM00-3-8 TRT	18	G1/2	36	24	27	250
L	-MV-22LM00-3-12 TRT	22	G3/4	36	28	30	160
L	-MV-28LM00-3-16 TRT	28	G1	44	31	36	160
L	-MV-35LM00-3-20 TRT	35	G1 1/4	50	38	50	160
L	-MV-42LM00-3-24 TRT	42	G1 1/2	52	38	50	160
S	-MV-6LM00-3-4 TRT	6	G1/4	23	17	17	315
S	-MV-8LM00-3-4 TRT	8	G1/4	27	18	17	315
S	-MV-10LM00-3-6 TRT	10	G3/8	29	18	19	250
S	-MV-12SM00-3-6 TRT	12	G3/8	29	22	22	250
S	-MV-16SM00-3-8 TRT	16	G1/2	36	25	27	250
S	-MV-20SM00-3-12 TRT	20	G3/4	39	28	30	250
S	-MV-25SM00-3-16 TRT	25	G1	44	30	36	250
S	-MV-30SM00-3-20 TRT	30	G1 1/4	49	36	50	160
S	-MV-38SM00-3-24 TRT	38	G1 1/2	55	34	50	160

Certain materials and structures may have minimum order quantities.

All dimensions are for reference only and may change at any time.

The dimensions shown below are those when the BAOYI nut is tightened by hand.


**Adjustable Locknut Tee - M**

Series	Part#	Connection Size (MM)		HX	HY	F	Pressure Bar
		T	P-M				
LL	-MV-4LLM00-3-M8TMT	4	M8X1	7.1	19.8	12	250
LL	MV-4LLM00-3-M10TMT	4	M10X1	7.1	19.8	11	250
LL	MV-6LLM00-3-M10TMT	6	M10X1	7.1	19.8	14	250
LL	MV-6LLM00-3-M12TMT	6	M12X1.5	9.6	23.2	14	250
L	-MV-6LM00-3-M10TMT	6	M10X1	7	20	14	315
L	-MV-8LM00-3-M12TMT	8	M12X1.5	10	22	14	315
L	MV-10LM00-3-M14TMT	10	M14X1.5	10	25	19	315
L	MV-12LM00-3-M16TMT	12	M16X1.5	10	26	19	315
L	MV-15LM00-3-M18TMT	15	M18X1.5	11	30	22	315
L	MV-18LM00-3-M22TMT	18	M22X1.5	12	33	27	315
L	MV-22LM00-3-M27TMT	22	M27X2	14	35	30	160
L	MV-28LM00-3-M33TMT	28	M33X2	14	38	36	160
L	MV-35LM00-3-M42TMT	35	M42X2	14	48	50	160
L	MV-42LM00-3-M48TMT	42	M48X2	16	49	50	160
S	-MV-6SM00-3-M12TMT	6	M12X1.5	10	22	14	400
S	-MV-8SM00-3-M14TMT	8	M14X1.5	10	26	19	400
S	MV-10SM00-3-M16TMT	10	M16X1.5	11	27	19	400
S	MV-12SM00-3-M18TMT	12	M18X1.5	12	31	22	400
S	MV-16SM00-3-M22TMT	16	M22X1.5	14	35	27	400
S	MV-20SM00-3-M27TMT	20	M27X2	16	39	30	400
S	MV-25SM00-3-M33TMT	25	M33X2	16	44	36	315
S	MV-30SM00-3-M42TMT	30	M42X2	17	51	50	250
S	MV-38SM00-3-M48TMT	38	M48X2	19	54	50	250

**Tee - Tube to Metric Thread**

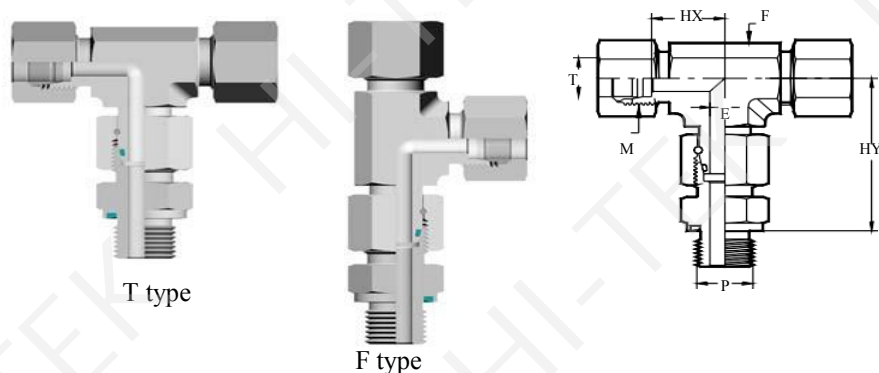
Series	Part#	Connection Size (MM)		HY	HX	F	Pressure Bar
		T	P-M				
L	-MV-F6LM00-3-6TTF	6	M12X1.5	26	12	12	315
L	-MV-F8LM00-3-8TTF	8	M14X1.5	27	14	12	315
L	-MV-F10LM00-3-10TTF	10	M16X1.5	29	15	14	315
L	-MV-F12LM00-3-12TTF	12	M18X1.5	29	17	17	315
L	-MV-F15LM00-3-15TTF	15	M22X1.5	32	21	19	315
L	-MV-F18LM00-3-18TTF	18	M26X1.5	35	23	24	315
L	-MV-F22LM00-3-22TTF	22	M30X2	38	27.5	27	160
L	-MV-F28LM00-3-28TTF	28	M36X2	41	30.5	36	160
L	-MV-F35LM00-3-35TTF	35	M45X2	51	34.5	41	160
L	-MV-F42LM00-3-42TTF	42	M52X2	56	40.0	50	160
S	-MV-F6SM00-3-6TTF	6	M14X1.5	27	16	12	630
S	-MV-F8SM00-3-8TTF	8	M16X1.5	27	17	14	630
S	-MV-F10SM00-3-10TTF	10	M18X1.5	30	17.5	17	630
S	-MV-F12SM00-3-12TTF	12	M22X1.5	31	21.5	17	630
S	-MV-F14SM00-3-14TTF	14	M24X1.5	35	22	19	630
S	-MV-F16SM00-3-16TTF	16	M26X1.5	36	24.5	24	400
S	-MV-F20SM00-3-20TTF	20	M30X2	44	26.5	27	400
S	-MV-F25SM00-3-25TTF	25	M36X2	50	30	36	400
S	-MV-F30SM00-3-30TTF	30	M45X2	55	35.5	41	400
S	-MV-F38SM00-3-38TTF	38	M52X2	63	41	50	315

Certain materials and structures may have minimum order quantities.

All dimensions are for reference only and may change at any time.

The dimensions shown below are those when the BAOYI nut is tightened by hand.




**Adjustable Assembled Swivel Tee - ISO Parallel Thread - BSP**

Series	Part#	Connection Size (MM)		HX	HY	F	Pressure Bar
		T	P-BSP				
L	-MV-6LM00-3Z-2ED	6	G1/8	12	34.5	12	315
L	-MV-8LM00-3Z-4 ED	8	G1/4	14	37.5	12	315
L	-MV-10LM00-3Z-4 ED	10	G1/4	15	40	14	315
L	-MV-12LM00-3Z-6 ED	12	G3/8	17	42.	17	315
L	-MV-15LM00-3Z-8 ED	15	G1/2	21	46.5	19	315
L	-MV-18LM00-3Z-8 ED	18	G1/2	23.5	50	24	315
L	-MV-22LM00-3Z-12 ED	22	G3/4	27.5	55	27	160
L	-MV-28LM00-3Z-16 ED	28	G1	30.5	59	36	160
L	-MV-35LM00-3Z-20 ED	35	G1 1/4	34.5	68.5	41	160
L	-MV-42LM00-3Z-24 ED	42	G1 1/2	40	75	50	160
S	-MV-6LM00-3Z-4 ED	6	G1/4	16	40	12	630
S	-MV-8LM00-3Z-4 ED	8	G1/4	17	42.5	14	630
S	-MV-10LM00-3Z-6 ED	10	G3/8	17.5	45	17	630
S	-MV-12SM00-3Z-6 ED	12	G3/8	21.5	48	17	630
S	-MV-14SM00-3Z-8 ED	14	G1/2	22	54	19	630
S	-MV-16SM00-3Z-8 ED	16	G1/2	24.5	55	24	400
S	-MV-20SM00-3Z-12 ED	20	G3/4	26.5	65	27	400
S	-MV-25SM00-3Z-16 ED	25	G1	30	73	36	400
S	-MV-30SM00-3Z-20 ED	30	G1 1/4	35.5	78.5	41	400
S	-MV-38SM00-3Z-24 ED	38	G1 1/2	41	89	50	315

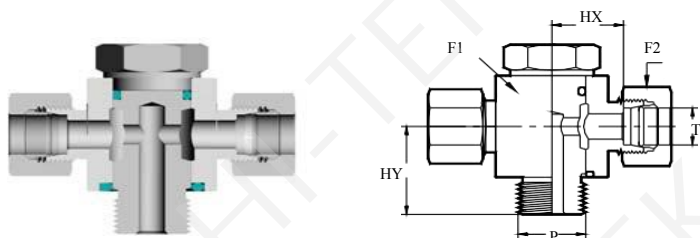
**Adjustable Assembled Swivel Tee - ISO Parallel Thread - M**

Series	Part#	Connection Size (MM)		HX	HY	F	Pressure Bar
		T	P-M				
L	-MV-6LM00-3Z-M10 ED	6	M10X1.0	34.5	12	12	315
L	-MV-8LM00-3Z-M12 ED	8	M12X1.5	37.5	14	12	315
L	-MV-10LM00-3Z-M14 ED	10	M14X1.5	40.0	15	14	315
L	-MV-12LM00-3Z-M16 ED	12	M16X1.5	42.0	17	17	315
L	-MV-15LM00-3Z-M18 ED	15	M18X1.5	46.0	21	19	315
L	-MV-18LM00-3Z-M22 ED	18	M22X1.5	50.0	23.5	24	315
L	-MV-22LM00-3Z-M26 ED	22	M26X1.5	55.0	27.5	27	160
L	-MV-28LM00-3Z-M33 ED	28	M33X2.0	59.0	30.5	36	160
L	-MV-35LM00-3Z-M42 ED	35	M42X2.0	68.5	34.5	41	160
L	-MV-42LM00-3Z-M48 ED	42	M48X2.0	75.0	40.0	50	160
S	-MV-6SM00-3Z-M12 ED	6	M12X1.5	40.0	16	12	630
S	-MV-8SM00-3Z-M14 ED	8	M14X1.5	42.5	17	14	630
S	-MV-10SM00-3Z-M16 ED	10	M16X1.5	45.0	17.5	17	630
S	-MV-12SM00-3Z-M18 ED	12	M18X1.5	48.0	21.5	17	630
S	-MV-14SM00-3Z-M20 ED	14	M20X1.5	54.0	22	19	630
S	-MV-16SM00-3Z-M22 ED	16	M22X1.5	55.0	24.5	24	400
S	-MV-20SM00-3Z-M27 ED	20	M27X2.0	65.0	26.5	27	400
S	-MV-25SM00-3Z-M33 ED	25	M33X2.0	73.0	30	36	400
S	-MV-30SM00-3Z-M42 ED	30	M42X2.0	78.5	35.5	41	400
S	-MV-38SM00-3Z-M48 ED	38	M48X2.0	89.0	41	50	315

Certain materials and structures may have minimum order quantities.

All dimensions are for reference only and may change at any time.

The dimensions shown below are those when the BAOYI nut is tightened by hand.



**Banjo Tee - ISO Parallel Thread - BSP - ED or O ring**

Series	Part#	Connection Size (MM)		HX	HY	F	Pressure Bar
		T	P-BSP				
L	-MV-6LM00-3J-2PR	6	G1/8	12.0	24	17	250
L	-MV-8LM00-3J-4 PR	8	G1/4	14.5	30	22	250
L	-MV-10LM00-3J-4 PR	10	G1/4	15.5	30	22	250
L	-MV-12LM00-3J-6 PR	12	G3/8	18.0	36	27	250
L	-MV-15LM00-3J-8 PR	15	G1/2	21.5	45	32	250
L	-MV-18LM00-3J-8 PR	18	G1/2	21.0	45	32	250
L	-MV-22LM00-3J-12 PR	22	G3/4	27.5	53	41	160
L	-MV-28LM00-3J-16 PR	28	G1	32.0	66	50	160
L	-MV-35LM00-3J-20 PR	35	G1.1/4	36.0	76	60	160
L	-MV-42LM00-3J-24 PR	42	G1.1/2	40.5	87	70	160
S	-MV-6SM00-3J-4 PR	6	G1/4	14.0	30	22	315
S	-MV-8SM00-3J-4 PR	8	G1/4	14.0	30	22	315
S	-MV-10SM00-3J-6 PR	10	G3/8	16.5	36	27	315
S	-MV-12SM00-3J-6 PR	12	G3/8	16.5	36	27	315
S	-MV-14SM00-3J-8 PR	14	G1/2	21.5	45	32	315
S	-MV-16SM00-3J-8 PR	16	G1/2	21.5	45	32	315
S	-MV-20SM00-3J-12 PR	20	G3/4	24.0	53	41	160
S	-MV-25SM00-3J-16 PR	25	G1	30.5	66	50	160
S	-MV-30SM00-3J-20 PR	30	G1.1/4	34.5	76	60	160
S	-MV-38SM00-3J-24 PR	38	G1.1/2	40.5	87	70	160

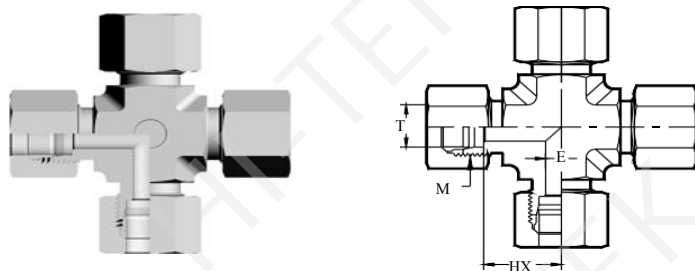
**Banjo Tee - ISO Parallel Thread - Metric - ED or O ring**

Series	Part#	Connection Size (MM)		HY	HX	F	Pressure Bar
		T	P-M				
L	-MV-6LM00-3J- M10 PR	6	M10X1.0	10.5	12.0	17	250
L	-MV-8LM00-3J- M12 PR	8	M12X1.5	14.0	14.5	22	250
L	-MV-10LM00-3J- M14 PR	10	M14X1.5	14.0	15.5	22	250
L	-MV-12LM00-3J- M16 PR	12	M16X1.5	16.5	18.0	27	250
L	-MV-15LM00-3J- M18 PR	15	M18X1.5	18.5	21.5	30	250
L	-MV-18LM00-3J- M22 PR	18	M22X1.5	21.5	21.0	32	250
L	-MV-22LM00-3J- M26 PR	22	M26X1.5	24.0	27.5	41	160
L	-MV-28LM00-3J- M33 PR	28	M33X2.0	30.5	32.0	50	160
L	-MV-35LM00-3J- M42 PR	35	M42X2.0	35.5	36.0	60	160
L	-MV-48LM00-3J- M48 PR	42	M48X2.0	40.5	40.5	10	160
S	-MV-6SM00-3J- M12 PR	6	M12X1.5	14.0	16.5	22	315
S	-MV-8SM00-3J- M14 PR	8	M14X1.5	14.0	16.5	22	315
S	-MV-10SM00-3J- M16 PR	10	M16X1.5	16.5	18.5	27	315
S	-MV-12SM00-3J- M18 PR	12	M18X1.5	18.5	20.0	27	315
S	-MV-14SM00-3J- M20 PR	14	M20X1.5	20.0	22.5	32	315
S	-MV-16SM00-3J- M22 PR	16	M22X1.5	21.5	22.0	32	315
S	-MV-20SM00-3J- M27 PR	20	M27X2.0	24.0	26.5	41	160
S	-MV-25SM00-3J- M33 PR	25	M33X2.0	30.5	31.5	50	160
S	-MV-30SM00-3J- M42 PR	30	M42X2.0	35.5	37.0	60	160
S	-MV-38SM00-3J- M48 PR	38	M48X2.0	40.5	41.0	70	160

Certain materials and structures may have minimum order quantities.

All dimensions are for reference only and may change at any time.

The dimensions shown below are those when the BAOYI nut is tightened by hand.


**Cross**

Series	Part#	Connection Size (MM)		HX	F	Pressure Bar
		T	T1			
LL	-MV-4LLMOO-4	4	4	11	9	100
LL	-MV-6LLMOO-4	6	6	9.5	11	100
LL	-MV-8LLMOO-4	8	8	11.5	12	100
LL	-MV-10LLMOO-4	10	10	12.5	14	100
LL	-MV-12LLMOO-4	12	12	13	17	100
L	-MV-6LMOO-4	6	6	12	12	315
L	-MV-8LMOO-4	8	8	14	14	315
L	-MV-10LMOO-4	10	10	15	17	315
L	-MV-12LMOO-4	12	12	17	19	315
L	-MV-15LMOO-4	15	15	21	19	315
L	-MV-18LMOO-4	18	18	23.5	24	315
L	-MV-22LMOO-4	22	22	27.5	27	160
L	-MV-28LMOO-4	28	28	30.5	36	160
L	-MV-35LMOO-4	35	35	34.5	41	160
L	-MV-42LMOO-4	42	42	40	50	160
S	-MV-6SMOO-4	6	6	16	14	630
S	-MV-8SMOO-4	8	8	17	17	630
S	-MV-10SMOO-4	10	10	17.5	19	630
S	-MV-12SMOO-4	12	12	21.5	22	630
S	-MV-14SMOO-4	14	14	22	19	630
S	-MV-16SMOO-4	16	16	24.5	24	400
S	-MV-20SMOO-4	20	20	26.5	27	400
S	-MV-25SMOO-4	25	25	30	36	400
S	-MV-30SMOO-4	30	30	35.5	41	400
S	-MV-38SMOO-4	38	38	41	50	315

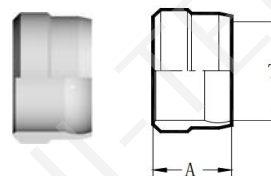
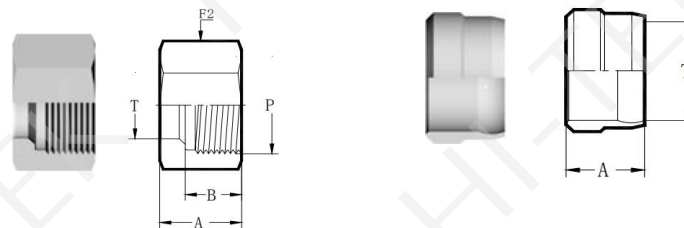
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The dimensions shown below are those when the BAOYI nut is tightened by hand.

**Nut (universal with conical sealing fitting nut)**

Series	Part#	Tube T	Thread P	A	F2
LL	-MV-4LL-M0-1	4	M8X1	11.0	10
LL	-MV-6LL-M0-1	6	M10X1	11.5	12
LL	-MV-8LL-M0-1	8	M12X1	13.0	14
LL	-MV-10LL-M0-1	10	M14X1	13.0	17
LL	-MV-12LL-M0-1	12	M16X1	13.0	19
L	-MV-6L-M0-1	6	M12×1.5	15.0	14
L	-MV-8L-M0-1	8	M14×1.5	15.0	17
L	-MV-10L-M0-1	10	M16×1.5	16.0	19
L	-MV-12L-M0-1	12	M18×1.5	16.0	22
L	-MV-15L-M0-1	15	M22×1.5	17.5	27
L	-MV-18L-M0-1	18	M26×1.5	18.5	32
L	-MV-22L-M0-1	22	M30×2.0	20.5	36
L	-MV-28L-M0-1	28	M36×2.0	21.0	41
L	-MV-35L-M0-1	35	M45×2.0	24.0	50
L	-MV-52L-M0-1	42	M52×2.0	24.0	60
S	-MV-6S-M0-1	6	M14×1.5	17.0	17
S	-MV-8S-M0-1	8	M16×1.5	17.0	19
S	-MV-10S-M0-1	10	M18×1.5	18.0	22
S	-MV-12S-M0-1	12	M20×1.5	18.0	24
S	-MV-14S-M0-1	14	M22×1.5	21.0	27
S	-MV-16S-M0-1	16	M24×1.5	21.0	30
S	-MV-20S-M0-1	20	M30×2.0	24.5	36
S	-MV-25S-M0-1	25	M36×2.0	27.0	46
S	-MV-30S-M0-1	30	M42×2.0	29.0	50
S	-MV-38S-M0-1	38	M52×2.0	32.5	60


**B Ring**

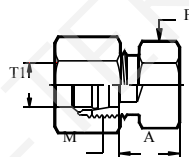
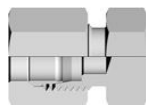
**A Ring**
**Ring**

Series	Part#	Tube T	A
LL	-MV-4LL-M0-2	4	6.0
LL	-MV-6LL-M0-2	6	7.0
LL	-MV-8LL-M0-2	8	7.0
LL	-MV-10LL-M0-2	10	7.0
LL	-MV-12LL-M0-2	12	7.5
L	-MV-6L-M0-2	6	9.5
L	-MV-8L-M0-2	8	9.5
L	-MV-10L-M0-2	10	10.0
L	-MV-12L-M0-2	12	10.0
L	-MV-15L-M0-2	15	10.0
L	-MV-18L-M0-2	18	10.5
L	-MV-22L-M0-2	22	10.0
L	-MV-28L-M0-2	28	10.5
L	-MV-35L-M0-2	35	13.5
L	-MV-52L-M0-2	42	13.5
S	-MV-14S-M0-2	14	10.0
S	-MV-16S-M0-2	16	10.5
S	-MV-20S-M0-2	20	12.5
S	-MV-25S-M0-2	25	12.5
S	-MV-30S-M0-2	30	13.0
S	-MV-38S-M0-2	38	13.5

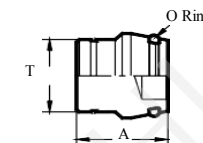
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The dimensions shown below are those when the BAOYI nut is tightened by hand.


**Flareless Plug**

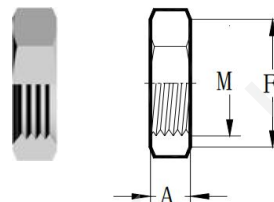
Series	Part#	Tube T1	Thread M	A	F	Pressure Bar
L	-MV P -6L-M001	6	M12×1.5	7.0	14	315
L	-MV P -8L-M001	8	M14×1.5	8.0	16	315
L	-MV P -10L-M001	10	M16×1.5	9.0	17	315
L	-MV P -12L-M001	12	M18×1.5	10.0	19	315
L	-MV P -15L-M001	15	M22×1.5	11.0	24	315
L	-MV P -18L-M001	18	M26×1.5	11.5	27	315
L	-MV P -22L-M001	22	M30×2.0	13.5	32	160
L	-MV P -28L-M001	28	M36×2.0	14.5	41	160
L	-MV P -35L-M001	35	M45×2.0	14.5	46	160
L	-MV P -52L-M001	42	M52×2.0	16.0	55	160
S	-MV P -6S-M001	6	M14×1.5	11.0	17	630
S	-MV P -8S-M001	8	M16×1.5	13.0	19	630
S	-MV P -10S-M001	10	M18×1.5	12.5	22	630
S	-MV P -12S-M001	12	M20×1.5	14.5	24	630
S	-MV P -14S-M001	14	M22×1.5	16.0	27	630
S	-MV P -16S-M001	16	M24×1.5	15.5	30	400
S	-MV P -20S-M001	20	M30×2.0	17.5	36	400
S	-MV P -25S-M001	25	M36×2.0	20.0	46	400
S	-MV P -30S-M001	30	M42×2.0	20.5	50	400
S	-MV P -38S-M001	38	M52×2.0	23.0	60	315


**Flareless Cap**

Series	Part#	Tube T	A	O Ring size OD x WD
L	-MV P -6L-M01	6	9.5	6 X2.0
L	-MV P -8L-M01	8	9.5	8 X2.0
L	-MV P -10L-M01	10	10.0	10 X2.0
L	-MV P -12L-M01	12	10.0	12X1.5
L	-MV P -15L-M01	15	10.0	15X2.0
L	-MV P -18L-M01	18	10.5	18 X2.0
L	-MV P -22L-M01	22	10.0	22 X2.4
L	-MV P -28L-M01	28	10.5	28 X2.4
L	-MV P -35L-M01	35	13.5	35 X2.4
L	-MV P -52L-M01	42	13.5	42 X2.4
S	-MV P -14S-M01	14	10.0	14X2.0
S	-MV P -16S-M01	16	10.5	16X2.0
S	-MV P -20S-M01	20	12.5	20 X2.4
S	-MV P -25S-M01	25	12.5	25 X2.4
S	-MV P -30S-M01	30	13.0	30 X2.4
S	-MV P -38S-M01	38	13.5	38 X2.4

**Hex Lock Nut**

Size		Part#	M	A	F
L	S				
6L		-MV-6LM02	M12×1.5	6	17
8L	6S	-MV-8LM02	M14×1.5	6	19
10L	8S	-MV-10LM02	M16×1.5	6	22
12L	10S	-MV-12LM02	M18×1.5	6	24
	12S	-MV-12SM02	M20×1.5	6	27
15L	14S	-MV-15LM02	M22×1.5	7	30
	16S	-MV-16SM02	M24×1.5	7	32
18L		-MV-18LM02	M26×1.5	8	36
22L	20S	-MV-22LM02	M30×2.0	8	41
28L	25S	-MV-28LM02	M36×2.0	9	46
	30S	-MV-30SM02	M42×2.0	9	50
35L		-MV-35LM02	M45×2.0	9	55
42L	38S	-MV-42LM02	M52×2.0	10	65



























































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