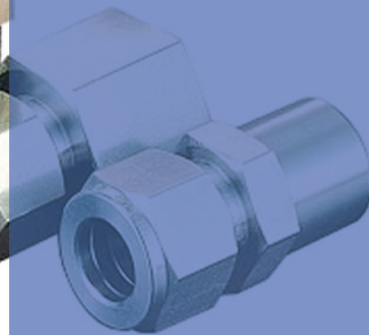




Pipe Fittings



MAFFS VALVES & FITTINGS PVT LTD

Manufacturer of Industrial Valves, Instrumentation Valves & Fittings



OUR FOCUS

ABOUT US

In continuation to our legacy journey as a customer centric company **"Expert Engineering"** which started in 2001, we are now delighted to expand our business portfolio to Industrial and Instrumentation Valves & fittings under the name of **"Maffs Valves & Fittings Private Limited"**.

Maffs Valves & Fittings is an Indian based Valve Manufacturing & Service company for the process, power and energy industries across the globe.

We have state of the art manufacturing facility to produce high quality valves and fittings to meet specific needs of the customers. This modern facility is supported by a specialized team of highly skilled staff who ensures of the quality and customer needs are met by complying to International standards.

We are involved in the Design, Manufacturing, Testing, Servicing and Supply of Industrial Valves and Instrumentation Valves & Fittings. We work with the highest consideration for the health & safety of our people and minimize the environmental risk.

Maffs Valves & Fittings is accredited and complies with the Quality Management System ISO 9001.

Commitment

Quality

Safety

Customer
Delight





VALUES

Integrity | Commitment | Customer Focus
Building Relationships | Teamwork.

MISSION

Our mission is to provide specialized products & services to our clients with delivery commitments to achieve customer delight.

VISION

Be a global leader in providing specialized products and services in flow control business with commitment in providing the best possible quality, cost & delivery.

CODE OF CONDUCT

The Code of Conduct outlines Maffs commitments and requirements regarding business practices and personal conduct.

QUALITY POLICY

Our policy is to continuously improve customer satisfaction by supplying high quality products as committed in compliance with the requirements of our Quality Management System.

Our objectives are :

- Improve customer satisfaction.
- Reduce customer complaints.
- Improve on-time delivery.
- Improve delivery lead times.
- Successful completion of audits.



PIPE FITTINGS

● Nipple

- Hex Nipple
- Hex reducing nipple
- Hex long nipple

● Coupling :

- Hex coupling
- Reducing coupling

● Adaptor :

- Adaptor
- Reducing adaptor
- Gauge Adaptor

● Elbow :

- Female Elbow
- Male Elbow
- Street Elbow
- Reducing street elbow

● Tee :

- Female Tee
- Male Tee
- Street run tee
- Branch tee

● Others :

- Pipe cap
- Reducing bushing
- pipe plug
- Female Cross

● Pipe Accessories :

- Condensor pot
- Air header
- Siphon
- Gauge cock

● Flanges

- Raised Face Flange
- RTJ Flange
- Weld Neck Flange
- Blind Flange
- Slip On Flange





MAFFS pipe fittings are designed and produced to provide very reliable connections in instrumentation and process systems. Our Standard Materials are SS316, Brass, C-276, Alloy 20, etc., other materials available on request.

They are offered in all configurations such as unions, tees, elbows, etc., and are manufactured with high precision and excellent quality. All our fittings are cleaned thoroughly to eliminate any dirt, dust, or grease.

Our pipe fittings are made as per international standards such as ASTM or ASME with our strict quality control procedures.

MAXIMUM ALLOWABLE WORKING PRESSURE :

NPT - 11000 psig
SAE - 6000 psig
Weld end - 15000 psig

TEMPERATURE RANGE :

NPT/BSPT -253°C to 630°C (SS material)
SAE/BSPP - -40°C to 120°C (with NBR O ring) & -15°C to 200°C (with FKM O ring)

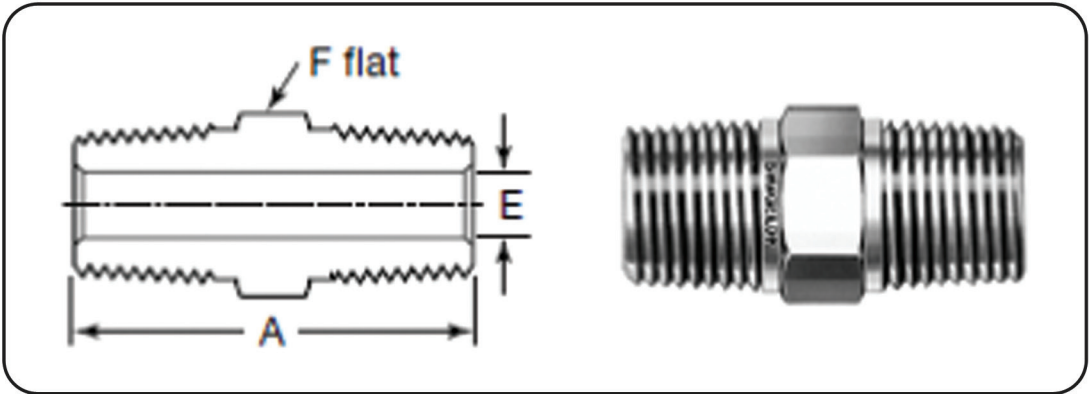
END CONNECTION SIZES :

NPT/BSPT - 1/16" to 2"

END CONNECTION TYPES :

Straight, Tee, Elbow, Nipple, Coupling, Adapters and more.





NPT

NPT Size in.	Dimensions mm		
	A	E	F
1/16	25.6	3	7.9
1/8	25.6	4.8	11.1
1/4	35.6	7.1	14.3
3/8	36.3	9.6	17.5
1/2	46.7	11.9	22.2
3/4	46.7	15.7	27
1	58.9	22.4	34.9
Heavy-Wall Male NPT			
1/4	35.6	5.8	14.3
1/2	46.7	9.9	22.2





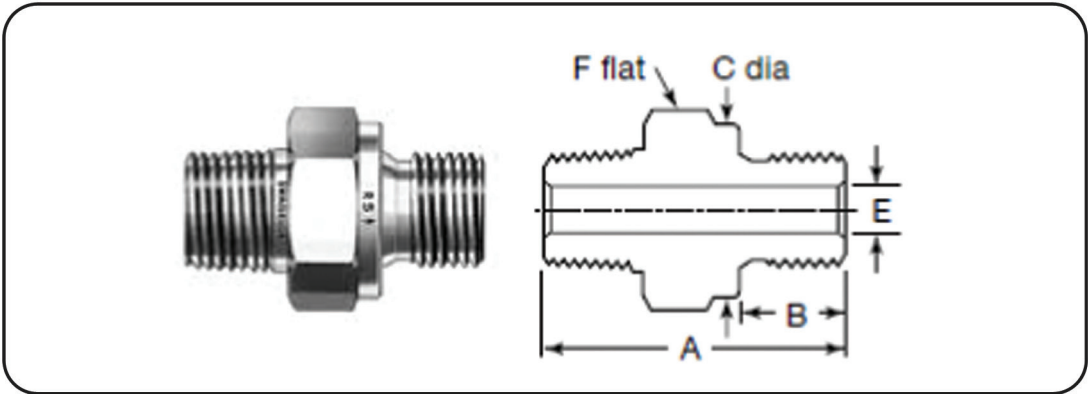
ISO TAPERED THREAD (RT)

ISO Thread Size in.	Dimensions mm		
	A	E	F
1/8	25.6	4.8	11.1
1/4	35.6	7.1	14.3
3/8	36.3	9.6	17.5
1/2	46.7	11.9	22.2

NPT TO ISO TAPERED THREAD (RT)

NPT Size in.	ISO Thread Size in.	Dimensions mm		
		A	E	F
1/8	1/8	25.6	4.8	11.1
1/4	1/4	35.6	7.1	14.3
3/8	3/8	36.3	9.6	17.5
1/2	1/2	46.7	11.9	22.2
3/4	3/4	46.7	15.7	27
1	1	58.9	22.4	34.9

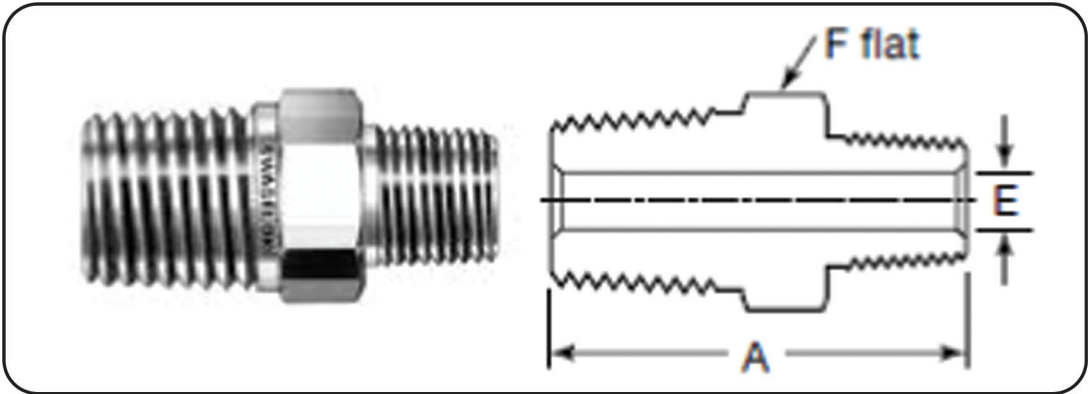




NPT TO ISO PARALLEL THREAD (RS)

NPT Size in.	ISO Thread Size in.	Dimensions mm				
		A	B	C	E	F
1/8	1/8	27.7	8.1	13.7	4.1	14.3
1/4	1/4	36.8	11.9	17.8	5.8	19.1
3/8	3/8	37.6	11.9	21.8	7.9	22.2
1/2	1/2	44.4	14	25.9	11.9	27
3/4	3/4	49	16	31.8	15.7	33.3
1	1	56.6	18	38.9	19.8	41.3





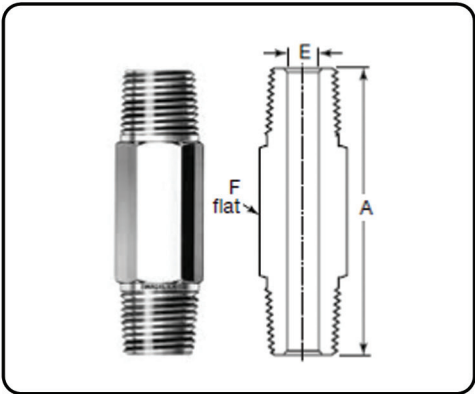
NPT

NPT Inlet Size in.	NPT Outlet Size in.	Dimensions mm		
		A	E	F
1/8	1/16	25.6	3	11.1
1/4	1/8	31	4.8	14.3
3/8	1/8	31.8	4.8	17.5
3/8	1/4	36.3	7.1	17.5
1/2	1/8	37.3	4.8	22.2
1/2	1/4	41.9	7.1	22.2
1/2	3/8	41.9	9.6	22.2
3/4	1/4	41.9	7.1	27
3/4	1/2	46.7	11.9	27
1	1/4	49.3	7.1	34.9
1	1/2	54.1	11.9	34.9
1	3/4	54.1	15.7	34.9
Heavy-Wall Male NPT				
1/2	1/4	41.9	5.8	22.2

ISO TAPERED THREAD (RT)

NPT Inlet Size in.	NPT Outlet Size in.	Dimensions mm		
		A	E	F
3/8	1/4	36.3	7.1	17.5
1/2	1/8	37.3	4.8	22.2
1/2	3/8	41.9	9.3	22.2

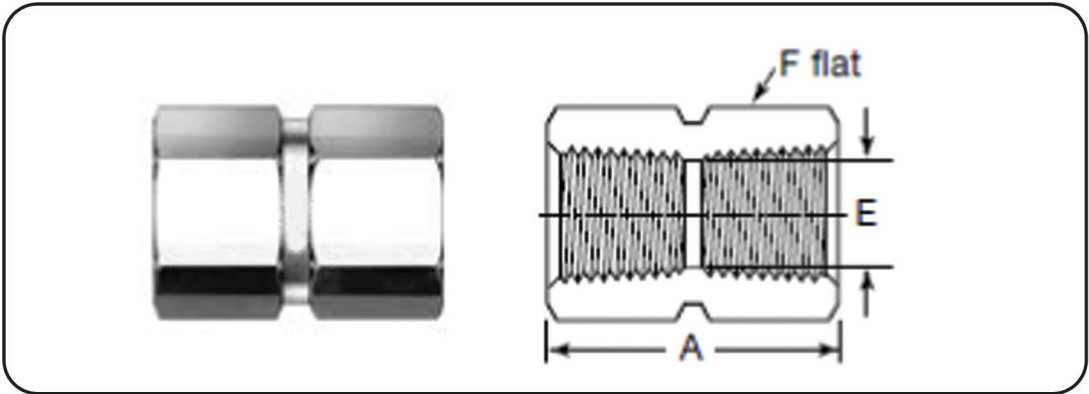




NPT

NPT Size in.	Dimensions mm		
	A	E	F
1/8	38.1	4.8	11.1
	50.8		
	63.5		
	76.2		
1/4	38.1	7.1	14.3
	50.8		
	63.5		
	76.2		
	101.6		
3/8	38.1	9.6	17.5
	50.8		
	63.5		
	76.2		
	101.6		
1/2	50.8	11.9	22.2
	76.2		
	101.6		
	152.4		
3/4	50.8	15.7	27
	76.2		
	101.6		
1	76.2	22.4	34.9
	101.6		





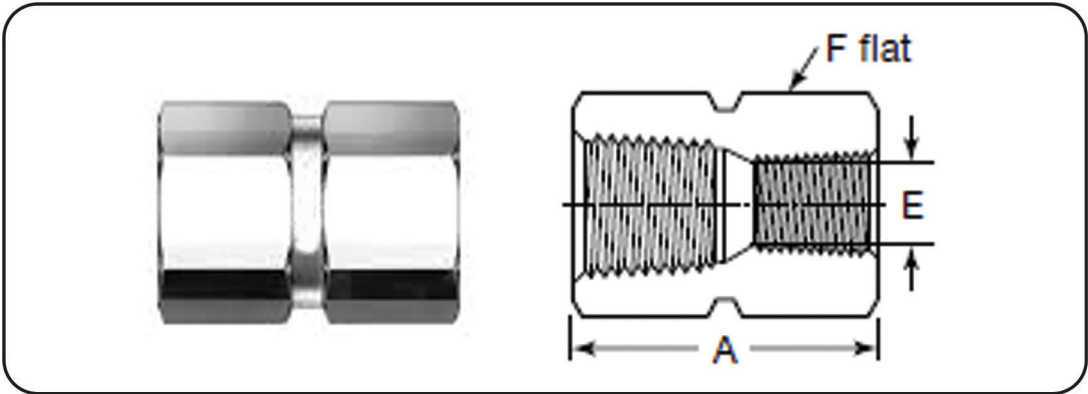
NPT

NPT Size in.	Dimensions mm		
	A	E	F
1/8	20.6	8.6	14.3
1/4	30.2	11.4	19.1
3/8	33.3	15	22.2
1/2	39.6	18.5	27
3/4	41.1	23.9	33.3
1	50.8	29.7	41.3
Heavy-Wall Female NPT			
1/4	30.2	11.4	25
1/2	39.6	18.5	38.1

ISO TAPERED THREADS (RT)

ISO Thread Size in.	Dimensions mm		
	A	E	F
1/8	20.6	8.4	14.3
1/4	30.2	11.2	19.1
3/8	33.3	14.7	22.2
1/2	39.6	18.3	27





NPT

NPT Inlet Size in.	NPT Outlet Size in.	Dimensions mm		
		A	E	F
1/4	1/8	31	8.6	19.1
3/8	1/4	35.1	11.4	22.2
1/2	1/8	39.6	8.6	27
1/2	1/4	44.4	11.4	27
1/2	3/8	45.2	15	27
3/4	1/4	46	11.4	33.3
3/4	1/2	52.3	18.5	33.3
1	1/2	55.6	18.5	41.3
1	3/4	57.2	23.9	41.3
Heavy-Wall Female NPT				
1/2	1/4	44.4	11.4	38.1

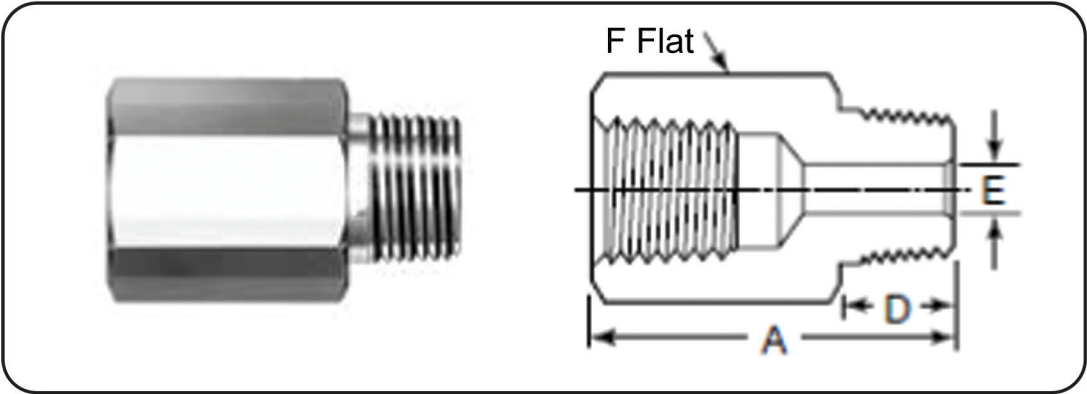
ISO TAPERED THREAD (RT)

NPT Inlet Size in.	NPT Outlet Size in.	Dimensions mm		
		A	E	F
3/8	1/4	35.1	11.2	22.2
1/2	1/4	44.4	11.2	27
1/2	3/8	45.2	14.7	27





ISP TAPERED THREAD TO NPT

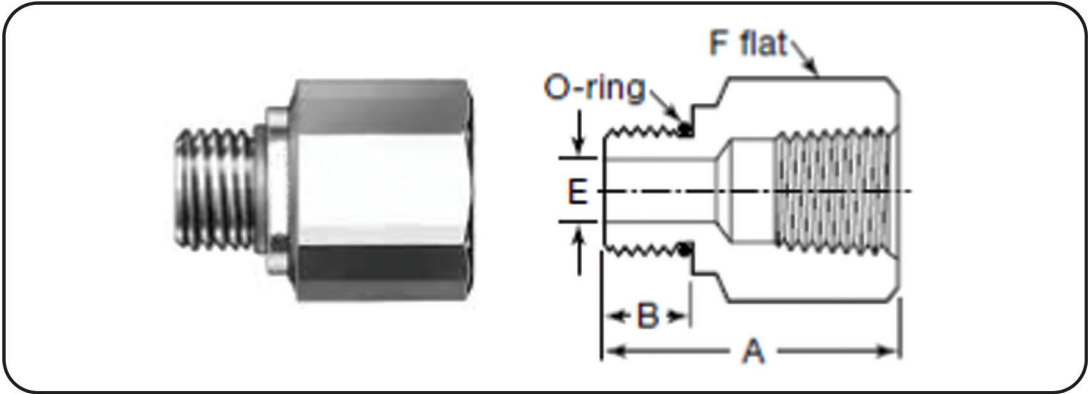


ISO Thread Size in.	NPT Size in.	Dimensions mm			
		A	D	E	F
1/4	1/4	36.3	14.2	7.1	19.1
3/8	3/8	38.4	14.2	9.6	22.2
1/2	1/2	49.8	19.1	11.9	27





STRAIGHT THREAD TO NPT

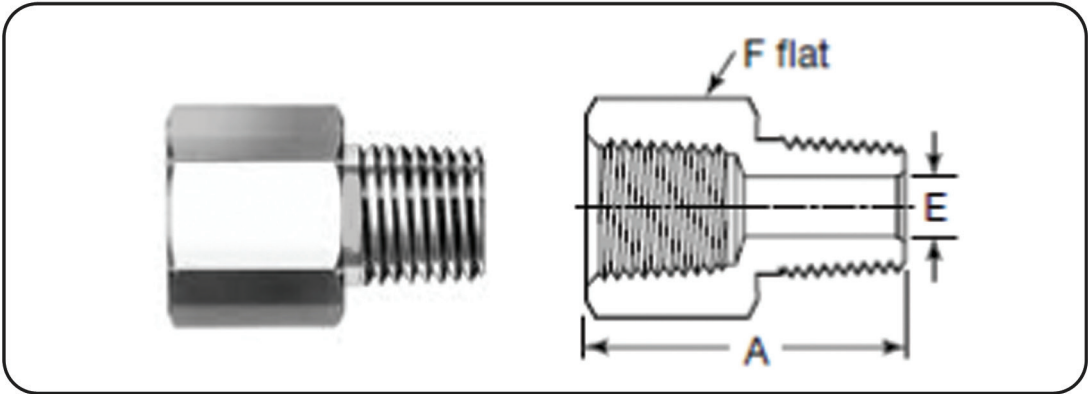


SAE/MS Thread Size in.	NPT Size in.	Dimensions mm			
		A	B	E	F
7/16-20	1/4	33.5	9.1	5.1	19.1
9/16-18	3/8	34.5	9.9	7.1	23.8
3/4-16	1/2	41.1	11.2	10.7	27
1 1/16-12	3/4	46.2	15	16.7	34.9
1 5/16-12	1	53.8	15	22.4	41.3





NPTF TO NPT MALE



NPT Size in.	Dimensions mm		
	A	E	F
1/8	27.9	4.8	14.3
1/4	35.6	7.1	19.1
3/8	38.4	9.6	22.2
1/2	49.3	11.9	27
3/4	51.3	15.7	33.3
1	57.9	22.4	41.3
Heavy-Wall Female to Male NPT			
1/4	36.3	5.8	25
1/2	51.3	9.9	38.1

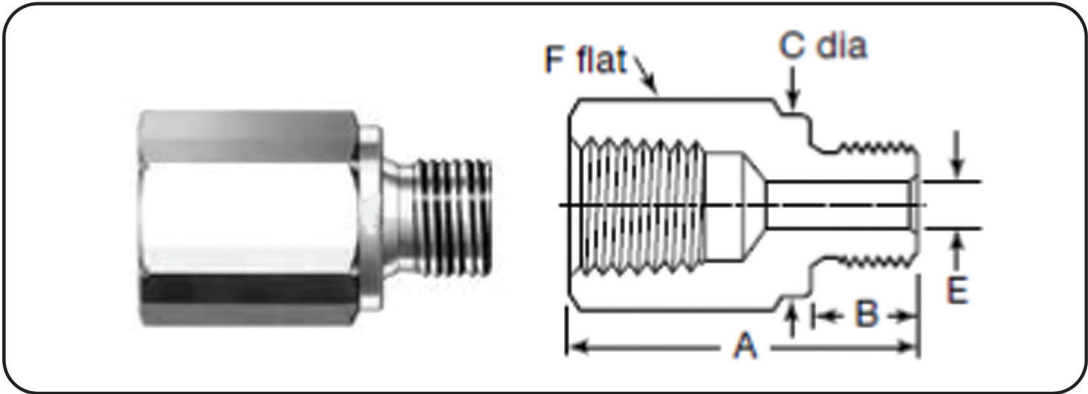
FEMALE TO MALE ISO TAPERED THREAD (RT)

ISO Thread Size in.	Dimensions mm		
	A	E	F
1/8	27.7	4.8	14.3
1/4	36.1	7.1	19.1
3/8	38.1	9.6	22.2
1/2	49.5	11.9	27





NPTF TO MALE ISO PARALLEL THREAD (RS)

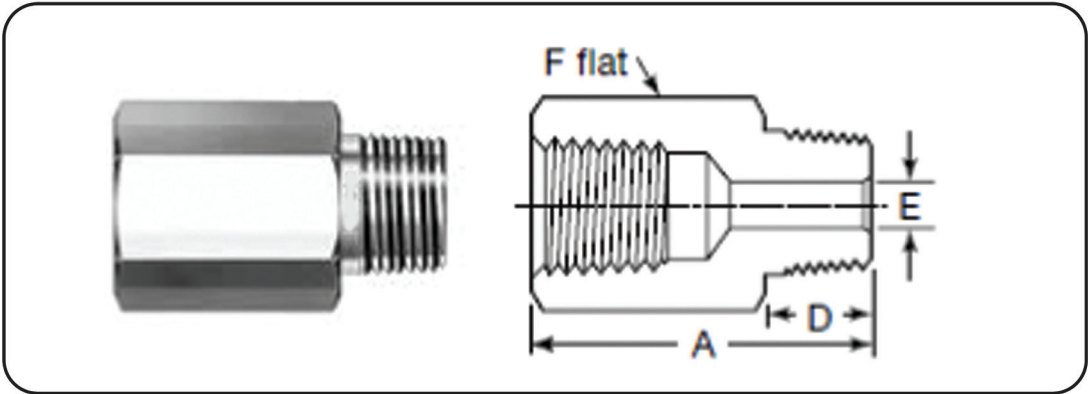


NPT Size in.	ISO Thread Size in.	Dimensions mm				
		A	B	C	E	F
1/8	1/8	25.1	8.1	13.7	4.1	14.3
1/4	1/4	33.5	11.9	17.8	5.8	19.1
3/8	3/8	35.8	11.9	21.8	7.9	22.2
1/2	1/2	44.2	14	25.9	11.9	27
3/4	3/4	48	16	31.8	15.7	33.3
1	1	53.3	18	38.9	19.8	41.3





NPTF TO MALE ISO TAPERED THREAD (RT)

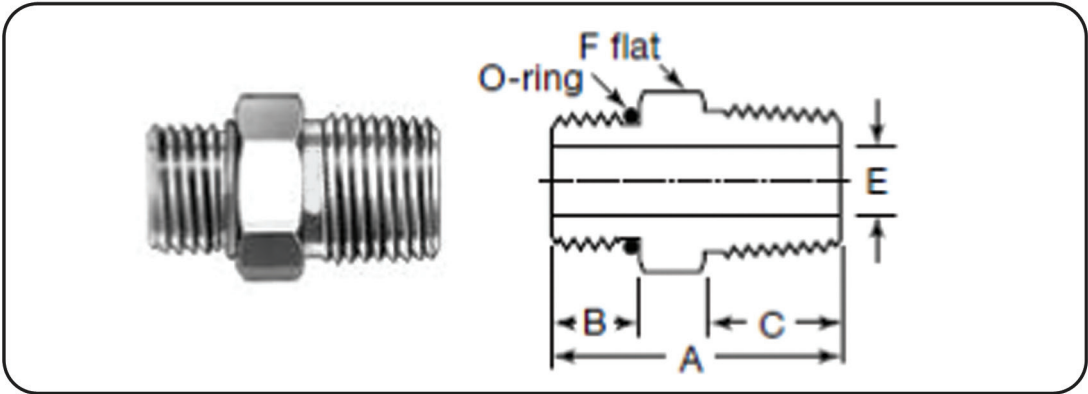


NPT Size in.	ISO Thread Size in.	Dimensions mm			
		A	D	E	F
1/8	1/8	27.7	9.6	4.8	14.3
1/4	1/4	36.1	14.2	7.1	19.1
3/8	3/8	38.1	14.2	9.6	22.2
1/2	1/2	49.3	19.1	11.9	27
3/4	3/4	51.3	19.1	15.7	33.3
1	1	58.4	23.9	22.4	41.3





MALE STRAIGHT THREAD TO NPT(M)

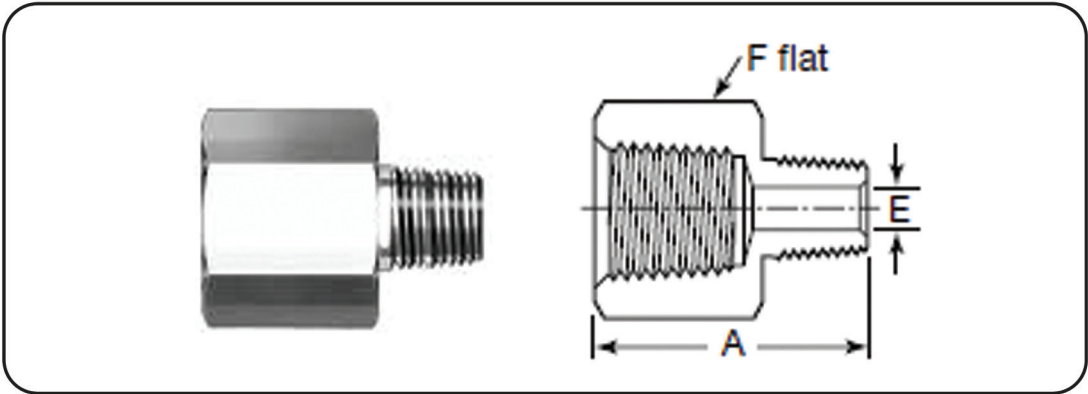


SAE/ MS Thread Size in.	NPT Size in.	Dimensions mm				
		A	B	C	E	F
7/16-20	1/4	30.50	9.10	14.20	5.10	14.3
9/16-18	3/8	32.00	9.10	14.20	7.10	17.5
3/4-16	1/2	38.90	11.20	19.10	10.70	22.2
1 1/16-12	3/4	44.40	15.00	19.10	15.70	31.8
1 5/16-12	1	50.8	15	23.9	22.4	38.1





FEMALE TO MALE NPT

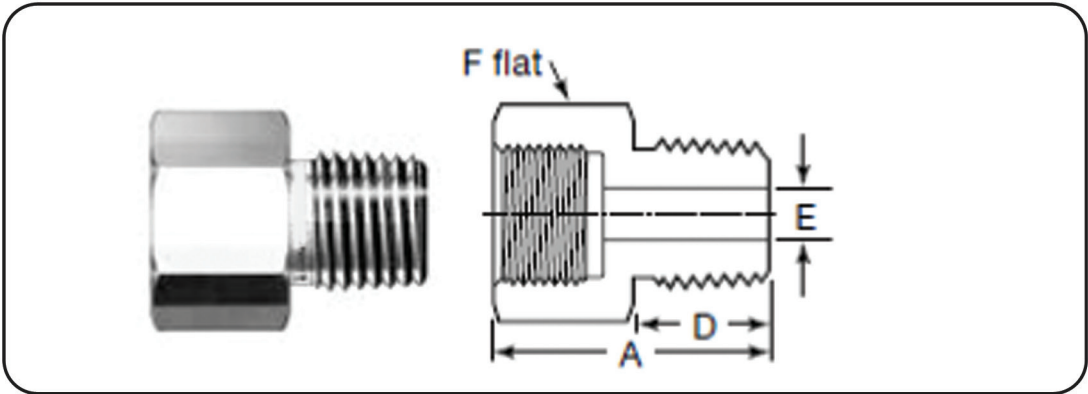


Female NPT Size in.	Male NPT Size in.	Dimensions mm		
		A	E	F
1/8	1/16	27.7	3	14.3
1/4	1/8	32	4.8	19.1
3/8	1/8	33.8	4.8	22.2
	1/4	38.1	7.1	
1/2	1/8	40.1	4.8	27
	1/4	44.7	7.1	
	3/8	44.4	9.6	
3/4	1/4	47	7.1	33.3
	3/8	46.2	9.6	
	1/2	51.3	11.9	
1	1/4	49.8	7.1	41.3
	1/2	54.9	11.9	
	3/4	55.1	15.7	
Heavy-Wall Female to Male NPT				
1/2	1/4	46	5.8	38.1

FEMALE TO MALE ISO TAPERED THREAD (RT)

Female ISO Thread Size in.	Male ISO Thread Size in.	Dimensions mm		
		A	E	F
1/4	1/8	32	4.8	19.1
3/8	1/4	38.1	7.1	22.2
1/2	1/4	44.7	7.1	27
	3/8	44.4	9.6	

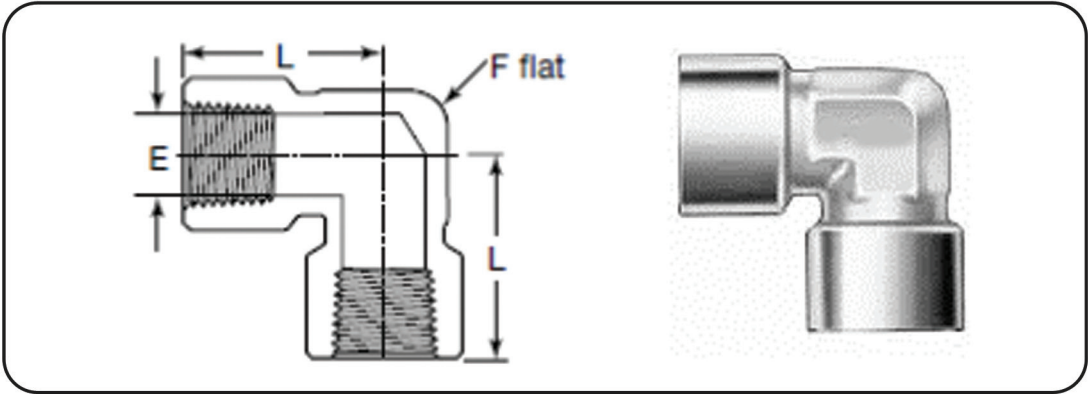




FEMALE ISP PARALLEL THREAD TO NPT(M)

ISO Thread Size in.	NPT Size in.	Dimensions mm			
		A	D	E	F
1/4	1/4	30.2	14.2	5.6	19.1
3/8	3/8	32.3	14.2	6.6	23.8
1/2	1/2	42.7	19.1	7.1	27





FEMALE NPT

NPT Size in.	Dimensions mm		
	E	L	F
1/8	8.6	26.4	12.7
1/4	11.4	29.7	17.5
3/8	15	36.1	20.6
1/2	18.5	39.6	25
3/4	23.9	48.8	31.8
1	29.7	48.5	42.9
Heavy-Wall Female NPT			
1/4	11.4	39.6	25
1/2	18.5	50	42.9

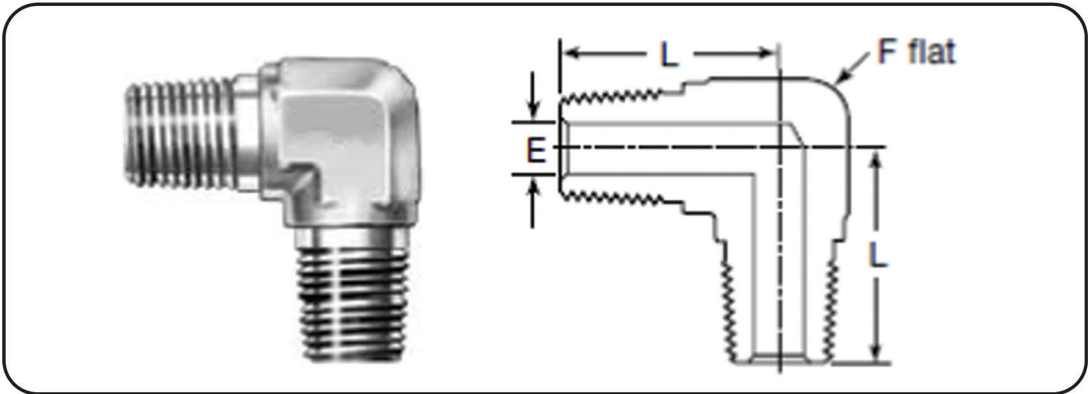
FEMALE ISO TAPERED THREAD (RT)

ISO Thread Size in.	Dimensions mm		
	E	L	F
1/4	11.2	29.7	17.5
3/8	14.7	36.1	20.6
1/2	18.3	39.6	25.4



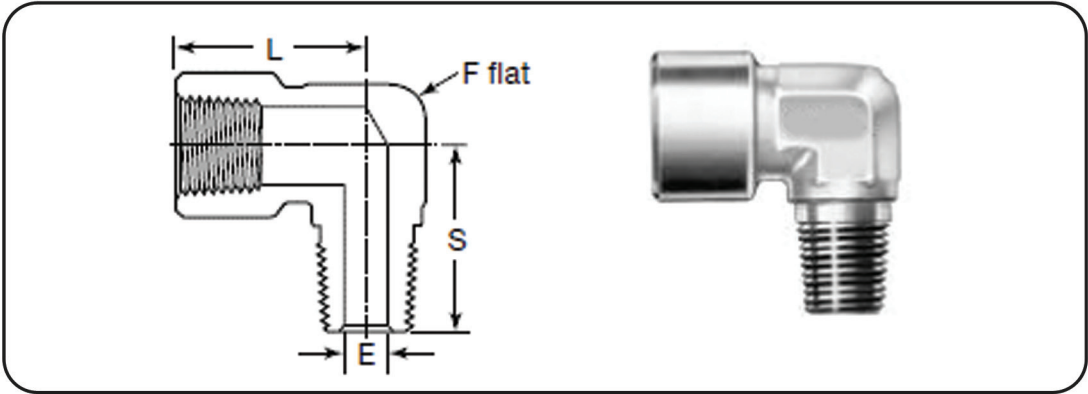


MALE NPT



NPT Size in.	Dimensions mm		
	E	L	F
1/8	4.8	22.4	11.1
1/4	7.1	26.7	12.7
3/8	9.6	29.7	17.5
1/2	11.9	36.8	20.6

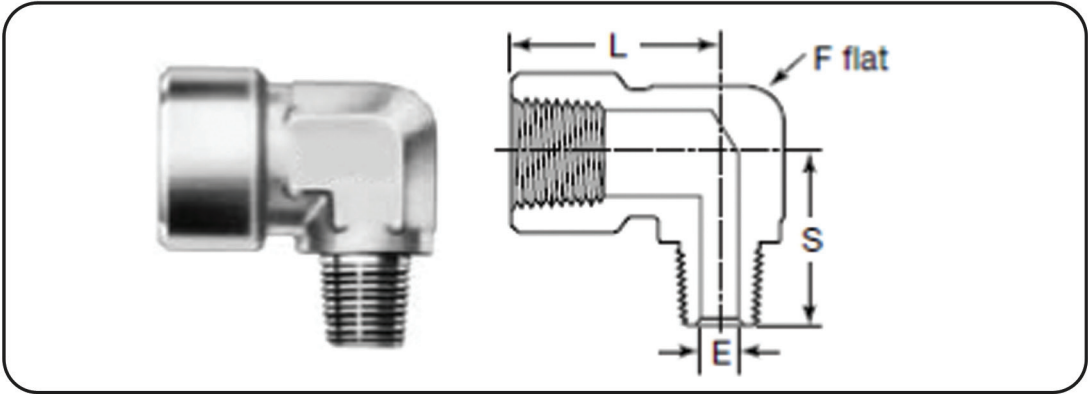




FEMALE TO MALE NPT

NPT Size in.	Dimensions mm			
	E	L	S	F
1/16	3	21.8	22.4	11.1
1/8	4.8	26.4	22.1	12.7
1/4	7.1	29.7	29.7	17.5
3/8	9.6	36.1	32	20.6
1/2	11.9	39.6	39.6	25
3/4	15.7	48.8	42.4	31.8
1	22.4	48.5	49.3	42.9

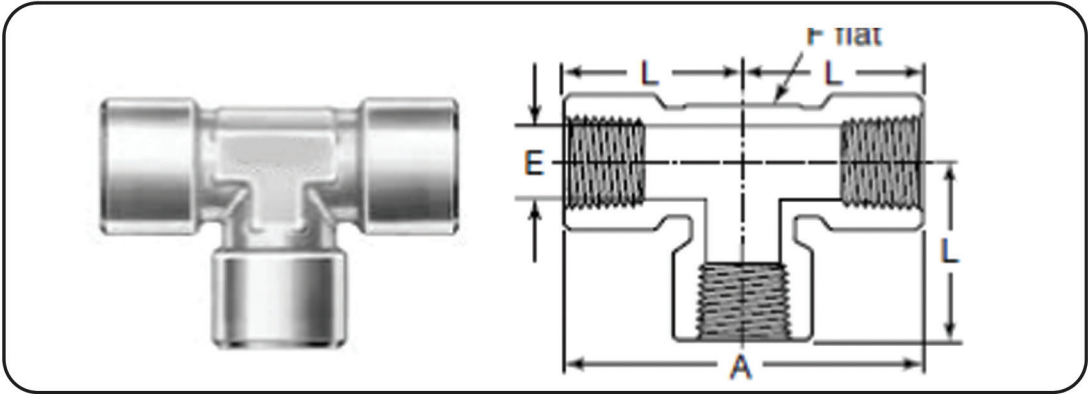




FEMALE TO MALE NPT

Female NPT Size in.	Male NPT Size in.	Dimensions mm			
		E	L	S	F
1/8	1/16	3	26.4	22.1	12.7
1/4	1/8	4.8	29.7	25.4	17.5
3/8	1/4	7.1	36.1	32	20.6
1/2	1/4	7.1	39.6	35.1	25.4
	3/8	9.6	39.6	35.1	25.4





FEMALE NPT

NPT Size in.	Dimensions mm			
	A	E	L	F
1/8	52.8	8.6	26.4	12.7
1/4	59.4	11.4	29.7	17.5
3/8	72.1	15	36.1	20.6
1/2	79.2	18.5	39.6	25
3/4	97.5	23.9	48.8	31.8
1	97	29.7	48.5	42.9
Heavy-Wall Female NPT				
1/4	79.2	11.4	39.6	25
1/2	100	18.5	50	42.9

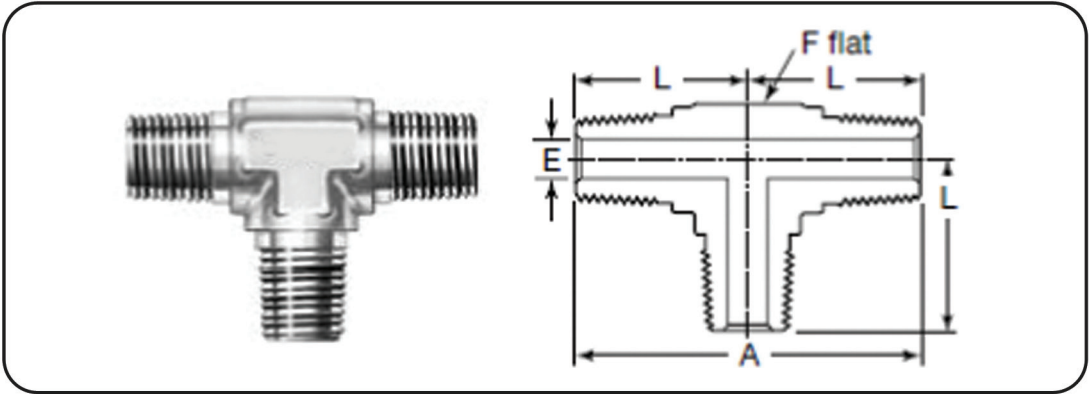
FEMALE ISO TAPERED THREAD (RT)

ISO Thread Size in.	Dimensions mm			
	A	E	L	F
1/4	59.4	11.2	29.7	17.5
3/8	72.1	14.7	36.1	20.6
1/2	79.2	18.3	39.6	25.4



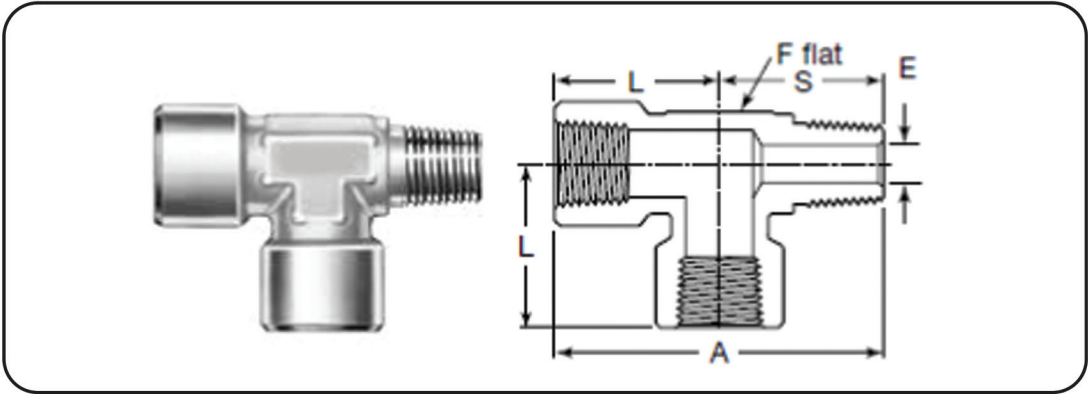


NPT



NPT Size in.	Dimensions mm			
	A	E	L	F
1/8	44.7	4.8	22.4	11.1
1/4	53.3	7.1	26.7	12.7
3/8	59.4	9.6	29.7	17.5
1/2	73.7	11.9	36.8	20.6

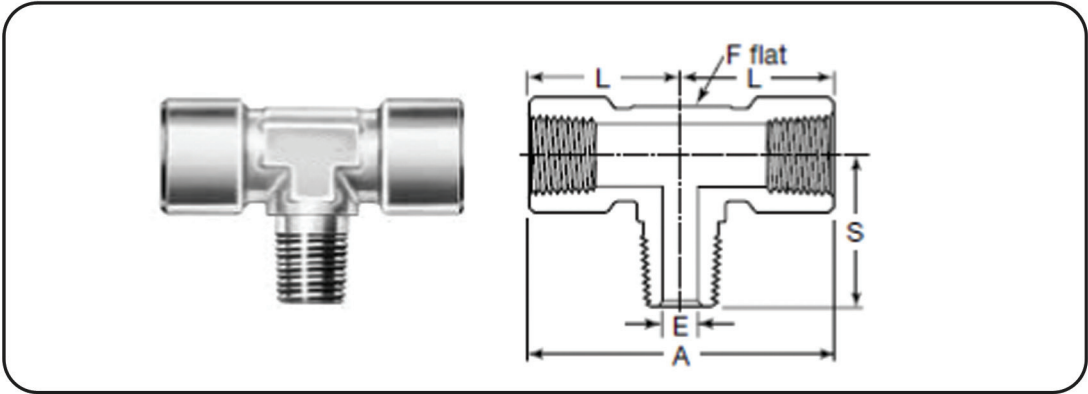




MALE AND FEMALE NPT

NPT Size in.	Dimensions mm				
	A	E	L	S	F
1/8	48.5	4.8	26.4	22.1	12.7
1/4	59.4	7.1	29.7	29.7	17.5
3/8	68.1	9.6	36.1	32	20.6
1/2	79.2	11.9	39.6	39.6	25
3/4	91.2	15.7	48.8	42.4	31.8

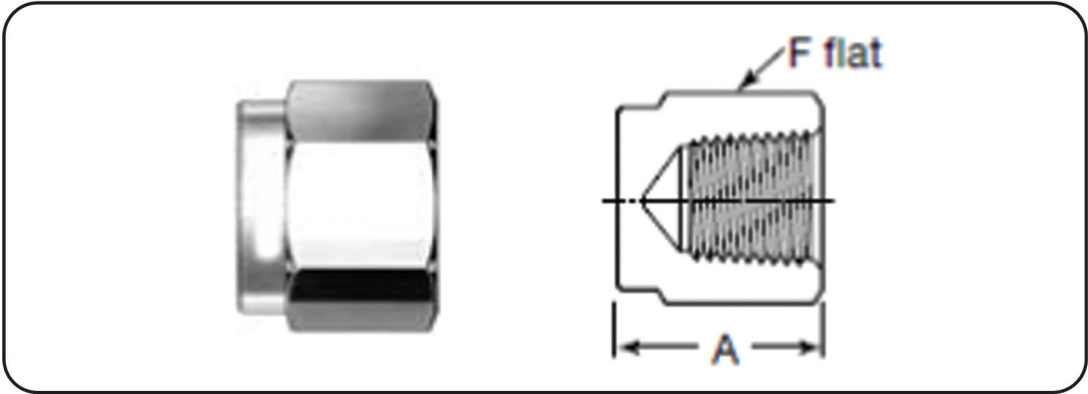




MALE AND FEMALE NPT

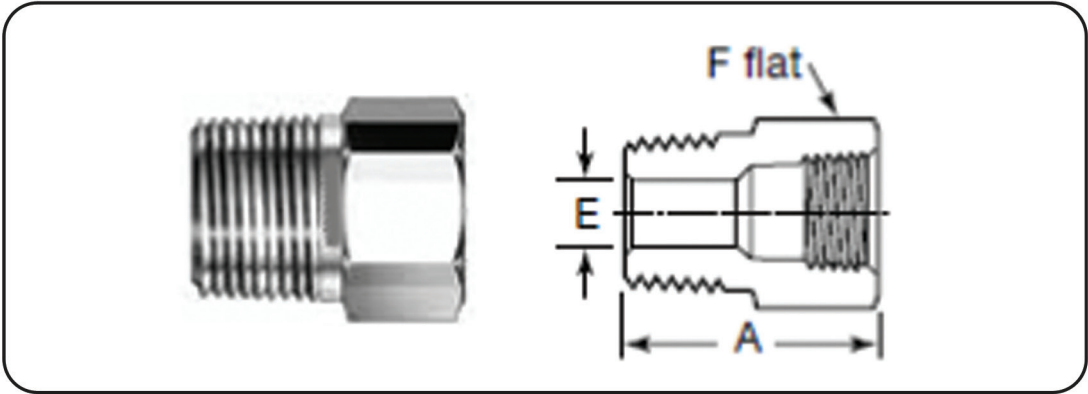
NPT Size in.	Dimensions mm				
	A	E	L	S	F
1/8	52.8	4.8	26.4	22.1	12.7
1/4	59.4	7.1	29.7	29.7	17.5
3/8	72.1	9.6	36.1	32	20.6
1/2	79.2	11.9	39.6	39.6	25





NPT Size in.	Dimensions mm	
	A	F
1/8	19.1	14.3
1/4	23.1	19.1
3/8	26.2	22.2
1/2	34	27
3/4	36.6	33.3
1	41.1	41.3
Heavy-Wall Female NPT		
1/4	28.2	25
1/2	40.1	38.1





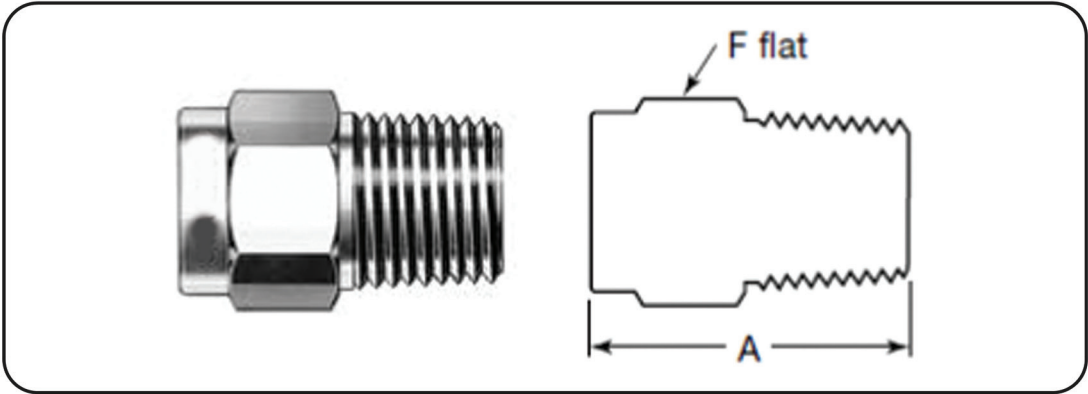
MALE TO FEMALE NPT

Male NPT Size in.	Female NPT Size in.	Dimensions mm		
		A	E	F
1/8	1/16	26.2	4.8	11.1
1/4	1/8	26.9	7.1	14.3
3/8	1/8	21.8	8.6	17.5
	1/4	30.2	9.6	19.1
1/2	1/8	27.4	8.6	22.2
	1/4		11.4	
	3/8	35.8	11.9	
3/4	1/4	27.4	11.4	27
	3/8		15	
	1/2	41.4	15.7	
1	1/4	34.8	11.4	34.9
	3/8		15	
	1/2		18.5	
	3/4	47	22.4	

MALE TO FEMALE ISO TAPERED THREAD (RT)

Male ISO Thread Size in.	Female ISO Thread	Dimensions mm		
		A	E	F
1/4	1/8	26.9	7.1	14.3
3/8	1/4	30.2	9.6	19.1
1/2	1/4	27.4	11.2	22.2
	3/8	35.8	11.9	

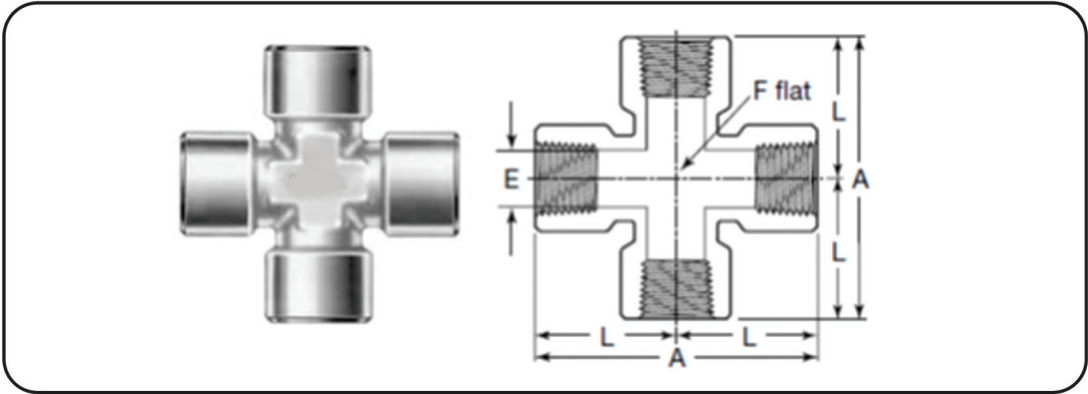




MALE NPT

NPT Size in.	Dimensions mm	
	A	F
1/16	19.1	7.9
1/8	19.1	11.1
1/4	24.4	14.3
3/8	25.1	17.5
1/2	30.7	22.2
3/4	30.7	27
1	38.1	34.9





FEMALE NPT

NPT Size in.	Dimensions mm			
	A	E	L	F
1/8	52.8	8.6	26.4	12.7
1/4	59.4	11.4	29.7	17.5
3/8	72.1	15	36.1	20.6
1/2	79.2	18.5	39.6	25
3/4	97.5	23.9	48.8	31.8
1	97	29.7	48.5	42.9





CONDENSATE POT :

The application of the condensate pot is to hold condensate and foreign material from the line. It helps to keep the line clean and free of any unwanted material or slug. It is usually located on the instrument's upstream side and has a drain arrangement to remove any foreign material. Available in materials such as carbon Steel, SS304, SS316, etc.

Typical industry applications are in power plants, refineries, petrochemicals, chemicals, steel plants etc. It is used to allow a liquid seal between the instrument and flowing steam. It can be installed vertical or horizontal as per requirements between the impulse lines and the instruments.



Features :

It is used as liquid or condensate traps, seal pot, and vapor chambers. Chambers are made from seamless pipe and weld caps. Welding is done as per ASME section IX guidelines. All BW joints are 100% RT and Filled Weld are DP tested. All threads are protected with dead plugs.

Specifications :

Pipe size of 2" to 6" is available, larger sizes on request.

Length of 8" to 12" is available, larger lengths on request.

Design working pressure - 6000 psig.

It is available for sour service as per NACE MR 01 75.

Chamber as per ISA RP3, NPT as per ANSI B2.1, SW as per ANSI B16.11 & BW as per ANSI B16.9.

AIR HEADER :

Air header are used for distribution of air to valves, pumps, systems etc.

It is available in different material such as SS304, SS304L, SS316, SS316L, Hastelloy C, Monel, Inconel, Titanium, Carbon Steel in Pipe and bar stock type.

sizes of 1" to 2" sch 40 to 160.

4, 6, 8, 12 & 16 way outlet port.

inlet connection and port connection as per customer requirements.





SIPHON :

It is used to protect instruments, gauges, switches & transmitter from high temperature fluid. It reduce process pulsation and provide cooling effect to save the instrument.

Type - Coil, U & Pigtail shapes.

Max temp of 400°C & pressure of 160 barg.

Pipe size is 1/2" Sch 40.

It is available in different material such as SS304, SS316, SS304L, SS316L, Hastelloy C, Monel, Inconel etc.

It is available in NPT, BSP & BSPT connection with male, female end connection as required by the customer.



GAUGE COCK :

Instrumentation isolation valve used for shut off the flow of air to the pressure instrument.

Sizes - 1/4" to 1/2".

Material SS304 & SS316.

2 way & 3 way design.

End connection is NPT & BSP.





TYPES OF FLANGES :

- Raised Face Flange.
- RTJ Flange.
- Weld Neck Flange.
- Blind Flange.
- Slip on Flange.

STANDARDS :

- ASME B16.5.
- ASME B16.36.
- ASME B16.47 Series A & B.
- API 6A.
- EN 1092-1.
- EN 1098.
- BS10.
- B2291.
- JIS B2220.

SIZES :

- 1/2" to 60".

PRESSURE RATING :

- 150# to 2500#.





We are also a leading manufacturer of Industrial Valves. A short list of our products are as below :



Valve Type	Design Standard	150 #	300 #	600 #	800 #	900 #	1500 #	2500 #
Ball Valve - Trunnion	API 6D, ISO 17292	2" to 48"	2" to 48"	2" to 48"	-	2" to 24"	2" to 24"	2" to 12"
Ball Valves - Floating	API 6D, ISO 17292	½" to 6"	½" to 6"	½" to 6"	½" to 2"	½" to 2"	½" to 2"	½" to 2"
Forged GGC Valve	ASME B16.34, API 602	½" to 2"	½" to 2"	½" to 2"	½" to 2"	½" to 2"	½" to 2"	½" to 2"
Gate Valve	API 600, API 6D	2" to 36"	2" to 36"	2" to 36"	-	2" to 24"	2" to 24"	2" to 12"
Globe Valve	API 623, BS 1873	2" to 16"	2" to 16"	2" to 16"	-	2" to 12"	2" to 12"	2" to 12"
Swing Check Valve	API 594, BS 1868	2" to 24"	2" to 24"	2" to 24"	-	2" to 12"	2" to 12"	2" to 12"
Dual Plate Check Valve	API 594	2" to 48"	2" to 24"	2" to 20"	-	2" to 16"	2" to 12"	-
Butterfly Valve	API 609	2" to 36"	2" to 36"	2" to 36"	-	2" to 24"	2" to 16"	-
Plug Valve	API 599, API D	2" to 24"	2" to 24"	2" to 16"	-	-	-	-
Piston Valve	ASME B16.34, API 602	½" to 8"	½" to 8"	-	½" to 2"	-	-	-
Knife Edge Gate Valve	ASME 16.34, MSS SP 81	2" to 48"	2" to 24"	-	-	-	-	-
Strainer	ASME 16.34	1" to 12"	1" to 6"	-	-	-	-	-

* For valves of sizes and pressure class other than shown in table, Please contact our sales representative.



Spare & Part Supplier



We are supplying spares of valve, actuator and accessories to suit all types of valves and valve make.

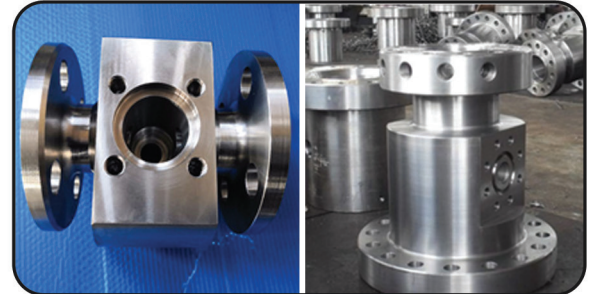
With over 20 years of experience in valve industry, we can offer the world class quality, best prices and fastest delivery. We work to give you a quick response with technical & commercial inputs to provide you with the best solutions.

The spares & parts offered by us, are categorised as below :

Machined Parts | Castings / Forgings | Seals | Fasteners | Actuator & Accessories

MACHINED PARTS :

- We supply all kinds of machined parts for any type of valve.
- Body / Trims / Bonnet / Stem / Flanges / Mountings etc.



CASTINGS / FORGINGS :

- We supply all kinds of castings and forgings for any type of valve.
- Castings : Sand Casting / Investment Casting / Lost Foam Casting.
- Forgings : Close Die / Open Die Forging.



SEALS :

- We supply all types of seals for valves.
- O-Rings / Gaskets / Packings / Lipseals etc.



FASTENERS :

- We supply all types of fasteners for valves in all sizes.
- Stud / Bolt / Nut / Screws / Coated Fasteners etc



ACTUATOR & ACCESSORIES :



Refurbishment & Repair of Valves



We have vast experience in refurbishing & repairing of all types of industrial valves from every industry such as Oil & Gas, Refinery, Petrochemical, Chemical Process and other similar installations.

All valves and its parts are inspected at our workshops before we start our work. A complete inspection report along with actual photos is prepared for initial assessment of cost, repairing and time period.

All repairing and reconditioning is carried out as per the initial assessment report and its solutions in a control way.

We can repair most valve make, types, sizes and different rating using our highly skilled Engineers and Technicians.

By Repairing, we can save up to 60% to 70% of the cost of a new valve and delivery can be done within 10 – 15 days or as per agreement. Thereby, it can ideal during plant shutdown and maintenance.

All Valves are disassembled, cleaned and inspected to check whether they are in tolerance so that It can be used in the valve again. However, if it is not then, we can replace the component with a new one. 3D Models / 2D drawings are prepared for the same.

Flange serration are check and inspected for any damage and repair or machining is done, if required. Wedge / Seat / Disc / Ball are machined (if required) and then lapped to ensure a perfect seal as per the customer leakage requirements. All soft parts such as packing and gaskets are replaced with new parts so that leakage is not there.

Valves are assembled by highly trained technicians. Hydro testing is done to check body leakage and seat leakage test is done to check for any internal leakage as per international standards or as per customer requirements. Painting can be provided as per customer requirements.

Testing report is generated with all the details along with satisfactory test results. Our Quality engineer puts his sign and stamp of the company as approval.



Application in Industries



Our valves are used by various industries worldwide to keep their operating facility running smoothly.



OIL & GAS



REFINERY & PETROCHEMICAL



PIPELINE & PROCESS



OFFSHORE



POWER



LNG & CRYOGENICS



PULP & PAPER



PHARMACEUTICAL



FOOD & BEVERAGE



**WATER & WASTE
WATER**



MINING



MARINE





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