

# WATER JET SYSTEM CONNECTIONS

## TYPE "M" SWIVEL NUT

The Type "M" Swivel End Fitting is a swivel nut joint with a 58° male cone hose insert. Their maximum working pressure rating is 20,000 psi (1,400 bar).

## MEDIUM-PRESSURE

Medium-Pressure (sometimes known as "Slimline") Fittings have a 58°/60° coned and threaded tubing design. With large bore sizes, their maximum working pressure rating is 20,000 psi (1,400 bar).

## HIGH-PRESSURE

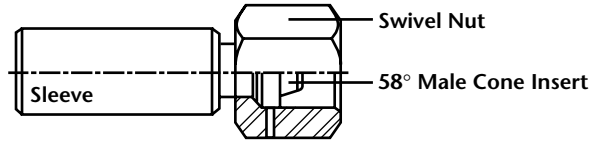
A High-Pressure Fitting is a 58°/60° coned and threaded tubing design. With a small bore size, the maximum working pressure rating is 60,000 psi (4,140 bar).

## NATIONAL PIPE TAPERED

NPT fittings are threaded with a maximum working pressure of 10,000 psi (700 bar).

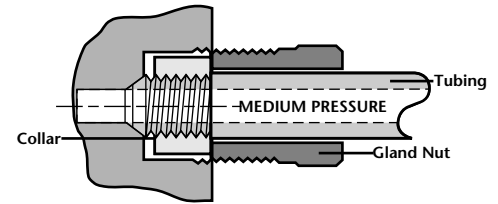
# TYPE "M" SWIVEL NUT CONNECTION

Thread Sizes Determined by hose type
9/16"-18
7/8"-14
3/4"-16
1"-12
1-5/16"-12



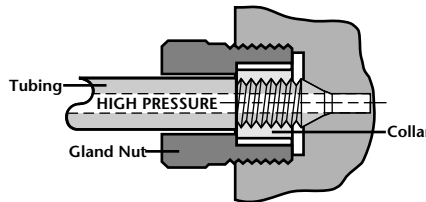
# MEDIUM-PRESSURE CONNECTION

Tube O.D.	Tube I.D.	Collar Thread	Gland Nut Thread
1/4"	.11"	1/4" - 28 LH	7/16" - 20
3/8"	.20"	3/8" - 24 LH	9/16" - 18
9/16"	.31"	9/16" - 18 LH	13/16" - 16
3/4"	.43"	3/4" - 16 LH	3/4" - 14 NPS
1"	.56"	1" - 14 LH	1-3/8" - 12



Identification is by tubing O.D.

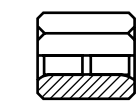
# HIGH-PRESSURE CONNECTION



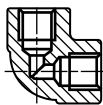
Tube O.D.	Tube I.D.	Collar Thread	Gland Nut Thread
1/4"	.08"	1/4" - 28 LH	9/16" - 18
3/8"	.125"	3/8" - 24 LH	3/4" - 16
9/16"	.31"	9/16" - 18 LH	1-1/8" - 12

Identification is by tubing O.D.

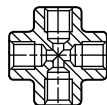
# NATIONAL PIPE TAPERED (NPT)



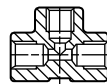
**Coupler**  
Female x Female



**Elbow**  
Female x Female



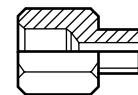
**Cross**  
Female x Female



**Tee**  
Female x Female



**Nipple**  
Male x Male



**Bushing**  
Female x Male

Thread Sizes
1/8"-27
1/4"-18
3/8"-18
1/2"-14
3/4"-14
1"-11.5