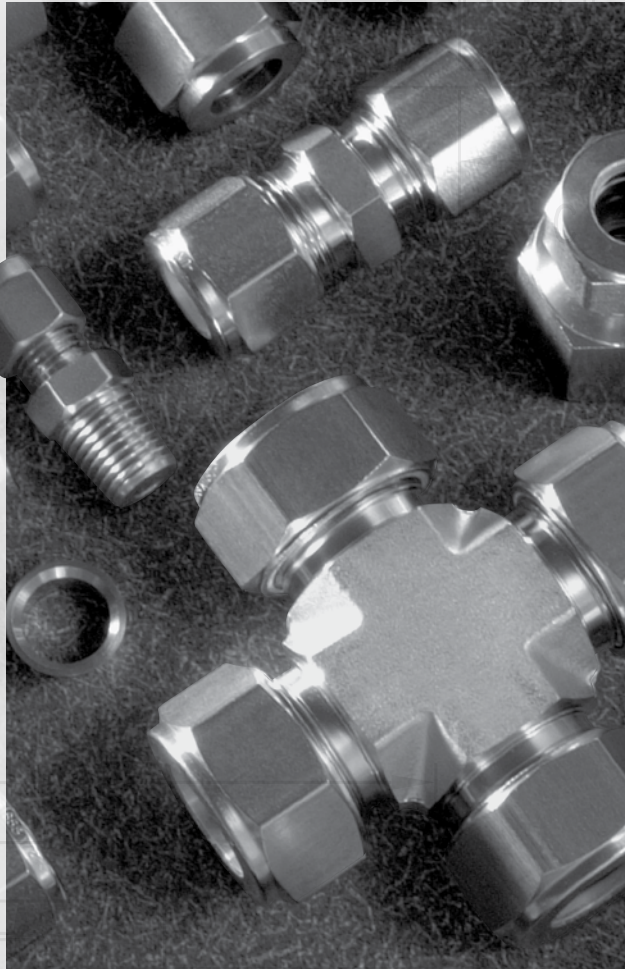


bi[®]
BRENNAN Industries
The Logical Choice for Hydraulic Fittings and Adapters[®]



***Double-Ferrule
Instrumentation
Tube Fittings***

Interchangeability

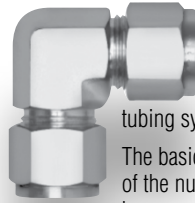
Brennan Double-Ferrule Compression

Tube Fittings are manufactured to be totally interchangeable and fully component intermixable with the Swagelok® and Parker A-LOK® tube fitting brands.

Brennan Double-Ferrule Compression

Tube Fittings are totally interchangeable with tube fittings of certain other manufacturers including Parker CPI™ and HOKE Gyrolok®.

Introduction



Brennan's Double-Ferrule Compression Tube Fittings

provide leak-proof, torque-free seals at all tubing connections. They eliminate potentially hazardous and expensive leaks in instrumentation, process, pneumatic, hydraulic, gas and other tubing systems.

The basic Double-Ferrule Tube Fitting is a four-piece fitting consisting of the nut, back ferrule, front ferrule and the body. When installed, it becomes a five-piece connection with the addition of the tubing to provide a solid leak-free joint.

The two ferrules grasp tightly around the tube with no damage to the tube wall. Exhaustive tests have proved that the tubing will yield before a Brennan Double-Ferrule joint starts leaking.

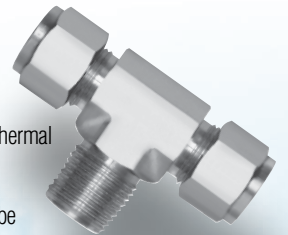
The secret behind the success of the Brennan Double-Ferrule Tube Fitting lies in the two-ferrule design, which combines geometry and metallurgy. All action in the fitting is an axial movement along the tube instead of a rotary motion to create the joint. This axial movement prevents transmission of any torque from a fitting to the tubing. Since there is no initial strain in the tubing, the making of the joint does not weaken the tubing.

Another advantage of the Brennan Double-Ferrule Tube Fitting is that the swaging action of the twin ferrules overcomes variations in tubing wall thickness, hardness and dimensional tolerance.

Brennan's Double-Ferrule Tube Fittings are easy to install and require no special tools. They are reusable several times and can withstand heavy impulse and vibration in both vacuum and pressure systems.

Brennan Double-Ferrule Compression Tube Fitting Features:

- Self-aligning
- Work on thick and thin wall tubing
- Resist vibration
- Work on a variety of tube materials
- All components are made of the same material for thermal compatibility and corrosion resistance
- Resist temperature cycling
- Compensate for the variables encountered in the tube and materials
- Do not significantly reduce flow area



Performance

- Work in vacuums, as well as at low and high pressures
- Seal at low cryogenic temperatures, as well as elevated temperatures rated for the tube
- Seal consistently over a wide range of temperature cycling
- Seal repeatedly under both make and remake conditions
- Resist pressure beyond the tubing burst point

Assembly

- Use geometry rather than torque for uniformity of make-up. (To complete the joint, it requires only a 1-1/4 turn after snug-tightening.)
- Do not require disassembly and inspection of ferrule swaging at every make-up
- Do not require any special tools for assembly






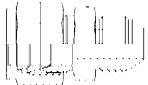

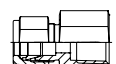
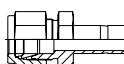

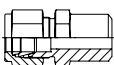

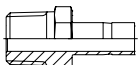
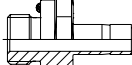
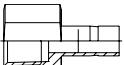
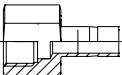
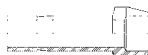

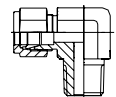
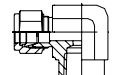
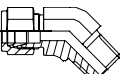
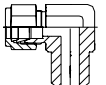
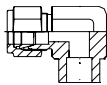
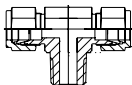
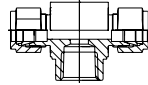
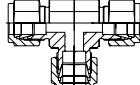
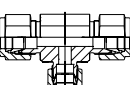
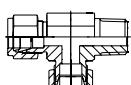
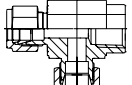
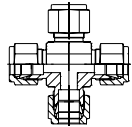
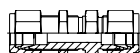
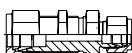
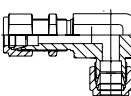
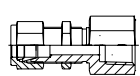

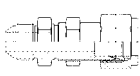

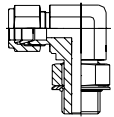
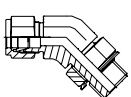
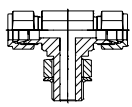
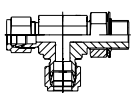

Service

Brennan's Double-Ferrule Tube Fittings are available in a wide range of materials, sizes, connections and configurations from our local distributors and supported by substantial inventories at our distribution centers.



BRENNAN Industries

Product Gallery

Plug  N0304 Pg. 12	Nut  N0318 Pg. 12	Back Ferrule  N0319-B Pg. 12	Front Ferrule  N0319-F Pg. 13	Ferrule Set  N0319-S Pg. 13	Male Connector (JIC)  N2402 Pg. 13
Union  N2403 Pg. 14	Reducing Union  N2403 Pg. 14	Male Connector  N2404 Pg. 15	Female Connector  N2405 Pg. 15	Reducer  N2406 Pg. 16	Cap  N2408 Pg. 17
Butt Weld Male Connector  N2425 Pg. 17	Socket Weld Male Connector  N2426 Pg. 18	Adapter  N2427 Pg. 18	Male Adapter  N2428 Pg. 18	O-Seal Male Adapter  N2429 Pg. 19	Female Adapter  N2430 Pg. 19
Female Gage Adapter  N2431 Pg. 20	Port Connector  N2440 Pg. 20	Reducing Port Connector  N2440 Pg. 20	Union Elbow  N2500 Pg. 21	Male Elbow  N2501 Pg. 21	Female Elbow  N2502 Pg. 22
45 Degree Male Elbow  N2503 Pg. 22	Butt Weld Male Elbow  N2525 Pg. 23	Socket Weld Male Elbow  N2526 Pg. 23	Male Branch Tee  N2601 Pg. 24	Female Branch Tee  N2602 Pg. 24	Union Tee  N2603 Pg. 25
Reducing Union Tee  N2603 Pg. 25	Male Run Tee  N2605 Pg. 27	Female Run Tee  N2606 Pg. 27	Cross  N2650 Pg. 28	Bulkhead Union  N2700-LN Pg. 28	Bulkhead Reducing Union  N2700-LN Pg. 29
Bulkhead Union Elbow  N2701-LN Pg. 29	Bulkhead Female Connector  N2705-LN Pg. 29	Bulkhead Male Connector  N2706-LN Pg. 30	Bulkhead Male Connector (JIC)  N2707-LN Pg. 30	Bulkhead Reducer  N2709-LN Pg. 30	O-Seal Male Connector  N6400 Pg. 31
Positionable Male Elbow  N6801 Pg. 31	45 Degree Pos. Male Elbow  N6802 Pg. 32	Positionable Male Branch Tee  N6803 Pg. 32	Positionable Male Run Tee  N6804 Pg. 33	BSPP Male Connector  N7002 Pg. 33	

- **Interchangeability**
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- **Product Gallery**
- **Tubing Selection**
 - Tubing Hardness
 - Tubing Wall Thickness
 - Tubing For Gas Service
 - Tubing Handling
- **Tubing Specifications**
- **Tubing-Working Pressure Tables**
- **Thread Specifications**
- **Assembly**
- **Pre-Swaging**
- **Brennan's Gap Inspections Gages**
- **Ordering Codes**
- **Fitting Type Designators**
- **Sizing Chart**
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Tubing Selection

Proper selection, handling and installation of tubing are essential for reliable tubing system performance. While Brennan Industries is not a tubing manufacturer or supplier, we must stress the importance of carefully selecting high-quality tubing. Proper tubing selection is necessary to ensure safe and leak-free systems. Brennan Industries is happy to assist in tubing selection upon request.

Tubing selection is based on the material, hardness, wall thickness and surface finish. The ASTM specifications for various tubes cover material, hardness and wall thickness. They do not give details on the surface finish.

Tubing Hardness

Tubing must always be softer than the fitting material. To achieve leak-free connections, it is important to use the recommended tubing hardness as explained in the Tubing Specifications section, leak-free connections will be achieved.

The biggest misunderstanding about tubing hardness is in the area of stainless steel tubing. Brennan's Stainless Steel Double-Ferrule Tube Fittings have been tested successfully with tubing hardness up to RB 90, the maximum hardness allowable under ASTM A 213 and A 269.

Although such tubing hardnesses are permissible and Brennan's Double-Ferrule Tube Fittings will perform satisfactorily on them, they will not provide the maximum advantage and performance for tubes with hardnesses above RB 80. It is suggested that, when purchasing stainless steel tubes to ASTM A 213/A 269, you specify that the hardness of the tubes should not exceed RB 80.

The best results are obtained where the stainless steel tubing hardness is in the range RB 70-74. Such tubing lowers installation costs because it is more easily bent and installed.

Tubing installers should perform the full 1-1/4 turn after snug-tightening to ensure proper joints. This will provide the best performance and is especially true in the case of harder tubing where higher torque is required.

RB 80 maximum hardness is a suggestion and not a restriction against the use of harder tubing. However, if the tubing hardness exceeds RB 90, special fittings should be considered.

Tubing Wall Thickness

The allowable pressure rating of tubing for the wide range of wall thickness is calculated from "S" values as specified by ANSI Code B 31.1. The range of tubing wall thicknesses varies from 0.028" to 0.109" in the inch OD series. These wall thicknesses are generally preferred for tube sizes up to 1". For higher tube sizes, these wall thicknesses may be increased to 0.125 and 0.167".

Tubing For Gas Service

For maximum safety and the prevention of surface defects in any gas system, it is recommended that tubing wall thicknesses are not less than those shown in this table:

Tube O.D.	1/16"	1/8"	1/4"	5/16"	3/8"	1/2"	5/8"	3/4"	7/8"	1"	1-1/4"	1-1/2"	2"
Suggested Minimum Wall Thickness	.028"	.028"	.028"	.035	.035	.041	.052	.062	.073	.083	.104	.125	.167

Light gases such as helium, hydrogen, nitrogen, etc. have very small molecules, which can escape through even the smallest leak path created by surface defects on the tubing. As the tube OD increases, so does the likelihood of a scratch or other surface defect interfering with proper sealing.

For the most successful connection for gas service, all installation instructions should be followed carefully and the heavier permissible wall thickness of tubing should be selected. A heavy wall thickness resists ferrule action more than a thin wall thickness. This allows the ferrules to coin out minor surface imperfections. A thin wall tube will collapse, offering little resistance to ferrule action during assembly. This reduces the chance of coining out surface defects, which is essential for gas service.

Tubing Handling

Scratches on tube OD are a potential source of problems in leak-tight tubing systems. Good handling practices can greatly reduce scratches and protect tubing surface finishes.

Tubing should never be dragged out of a tubing rack. Particularly in sizes 3/4" and larger, the weight of the tubing being retrieved is sufficient to gouge the OD if there are any burrs on the ends of the other tubes in the rack.

Tubing should never be dragged across cement, asphalt, gravel or any other surface, which could scratch the surface and create potential leak paths.

Sharp tube cutters should be maintained and tube ends should always be deburred. This allows easier entrance of the tube into the fitting bore and helps to assure that the tubing will go all the way through the ferrules without damaging the ferrule's sealing edge.

Tubing Specifications

Carbon Steel Tubing

Seamless, soft annealed carbon steel tubing to ASTM A 179, Din 2391 or equivalent. 4-1 safety factor considering tensile strength of 47,000 psi at room temperature. For higher temperature service, apply the reducing factors for elevated temperature operation as specified in Table 302.3 1A and 304.1.2 of the code for pressure piping in ANSI B31.3.

Recommended tube hardness is RB 72 or less.

The tubing should be suitable for bending and flaring and free of all surface defects and imperfections.

Stainless Steel Tubing

Seamless, annealed 304 or 316 Stainless Steel tubing to ASTM A 269 or A 213 or equivalent. 4-1 safety factor considering tensile strength of 75,000 psi at room temperature.

Tube hardness should not exceed RB 80. The preferable hardness range is RB 70-74.

Tubing should be suitable for bending and flaring, and should be free of any surface defects and imperfections. A derating factor must be used for drawn and welded tubing.

Copper Tubing

Annealed, soft, seamless copper tubing to ASTM B 75 or equivalent. 5-1 safety factor considering tensile strength of 30,000 psi at room temperature. Maximum hardness of the tubing is not to exceed RB 50. Preferred hardness range is RB 40-45.

Tubing-Working Pressure Tables

Maximum Allowable Working Pressure Tables

Table #1: Stainless Steel Tubing
Wall Thickness of Tube (inches)

TUBE OD (In)	0.01	0.012	0.016	0.02	0.028	0.035	0.049	0.065	0.083	0.095	0.109	0.120	0.134	0.156
1/16	5,587	6,861	9,593	12,185										
1/8					8,565	10,829								
3/16					5,474	7,039	10,116							
1/4					4,020	5,132	7,500	10,135						
5/16						4,037	5,848	8,071						
3/8						3,326	4,791	6,566						
1/2						2,611	3,741	5,092	6,696					
5/8							2,951	3,998	5,225	6,075				
3/4							2,436	3,289	4,283	4,966	5,785			
7/8							2,073	2,793	3,628	4,199	4,881			
1							1,804	2,427	3,146	3,637	4,220	4,688		
1 1/4									2,485	2,867	3,321	3,682	4,149	4,900
1 1/2									2,046	2,358	2,726	3,020	3,398	4,003

The Allowable working pressures for 304 SS or 316 SS seamless tubing to **ASTM A269-04 or equivalent** based on the following data: Temperature: -20°F to 100°F; Ultimate Tensile Strength: 75,000 psi; Allowable stress: 20,000 psi as specified by **ASME B31.3-2002**.

Table #2: Copper Tubing

TUBE OD (In)	0.028	0.035	0.049	0.065	0.083	0.095	0.109	0.120	0.134	0.148	0.165	0.18	0.22
1/8	2,789	3,772											
3/16	1,795	2,328	3,600										
1/4	1,306	1,681	2,550	3,624									
5/16		1,314	1,973	2,767									
3/8		1,078	1,608	2,237									
1/2		791	1,172	1,615	2,145								
5/8			920	1,262	1,667	1,956							
3/4			748	1,025	1,342	1,572	1,850						
7/8			634	868	1,133	1,326	1,556						
1			550	752	981	1,146	1,343	1,486					
1 1/4					771	900	1,052	1,163	1,320	1,481	1,656	1,836	2,308
1 1/2					635	740	878	954	1,082	1,212	1,353	1,497	1,873

The Allowable working pressures for copper seamless tubing to **ASTM B75-02, ASTM B251 or equivalent** based on the following data: Temperature: -20°F to 100°F; Ultimate Tensile Strength: 30,000 psi; Allowable stress: 6,000 psi as specified by **ASME B31.3-2002**.

Tubing-Working Pressure Tables...Continued

Table #3: Carbon Steel Tubing
Wall Thickness of Tube (inches)

TUBE OD (In)	0.028	0.035	0.049	0.065	0.083	0.095	0.109	0.120	0.134	0.148	0.165	0.180	0.22
1/8	6,782	8,865											
3/16	4,319	5,556	8,253										
1/4	3,166	4,043	5,912	8,254	Working Pressure (psig)								
5/16		3,177	4,604	6,356									
3/8		2,615	3,769	5,167									
1/2		2,051	2,940	4,003	5,265								
5/8		1,623	2,318	3,140	4,106	4,774							
3/4			1,912	2,583	3,364	3,901	4,545						
7/8			1,627	2,193	2,848	3,297	3,833						
1			1,415	1,904	2,469	2,855	3,314	3,681					
1 1/4				1,504	1,946	2,246	2,601	2,885	3,251	3,624	4,086	4,501	5,650
1 1/2					1,607	1,853	2,143	2,374	2,672	2,974	3,347	3,681	4,599

The Allowable working pressures for carbon steel seamless tubing to **ASTM A 822-90 or equivalent** based on the following data: Temperature: -20°F to 100°F; Ultimate Tensile Strength: 47,000 psi; Allowable stress: 15,700 psi as specified by **ASME B31.3-2002**.

Table #4: Monel Tubing
Wall Thickness of Tube (inches)

TUBE OD (In)	0.028	0.035	0.049	0.065	0.083	0.095	0.109	0.120
1/8	8,007	10,462						
1/4	3,758	4,798	7,012	9,788	Working Pressure (psig)			
3/8		3,109	4,479	6,139				
1/2		2,298	3,288	4,470	5,867			
3/4			2,269	3,064	3,989	4,625	5,389	
1			1,682	2,263	2,933	3,390	3,934	4,370

The Allowable working pressures for Monel Alloy 400 seamless tubing for **ASTM B165-05 or equivalent** based on the following data: Temperature: -20°F to 100°F; Ultimate Tensile Strength: 70,000 psi; Allowable stress: 18,700 psi as specified by **ASME B31.3-2002**.

Table #5: Stress Factor for Elevated Temperatures

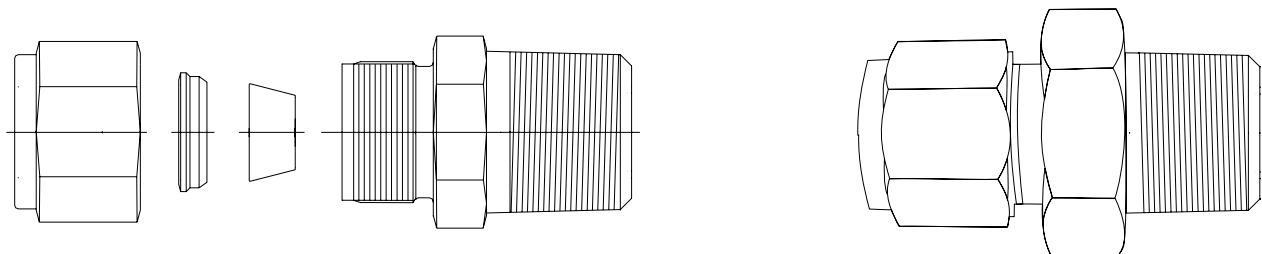
TEMP (°F)	Stainless Steel		Copper	Carbon Steel	Monel
	ASTM A-269	316	ASTM B-75	ASTM A-179	ASTM B-165
100	1.00	1.00	1.00	1.00	1.00
200	1.00	1.00	0.80	0.96	0.88
300	1.00	1.00	0.78	0.90	0.82
400	0.94	0.97	0.50	0.86	0.79
500	0.88	0.85		0.82	0.79
600	0.82	0.85		0.77	0.79
700	0.80	0.82		0.73	0.79
800	0.76	0.80		0.59	0.68
900	0.73	0.78		0.41	0.43
1000	0.69	0.77		0.16	

To find the maximum allowable working pressure for various tubing materials at elevated temperatures, multiply the maximum allowable working pressure for the tube size and wall thickness found in Tables 1, 2 and 3 by the correct stress factor found in this Table.

Thread Specifications

Brennan's connectors have one or more tubing end connections and there are a variety of pipe threads for which Brennan's Double-Ferrule Tube Fittings are available. Two of the most popular thread connections are the American National Pipe Thread (NPT) and the British Standard Pipe Threads (BSP). These threads meet the standards of individual countries as well as the codified ISO standards. All Brennan fittings with pipe threads or stud end threads conform to the specifications below:

- American National Pipe Thread (NPT): Reference specification ASA B2.1; 1960
- ISO Parallel Pipe Thread (British Standard Pipe Thread): Reference specifications BS 2779, ISO 228/1, DIN 259, JIS B 0202, IS 2643
- ISO Taper Pipe Thread (British Standard Pipe Taper Thread): Reference specifications BS 21, ISO 7/1, DIN 2999, JIS B 0203, IS 554
- Unified National Pipe Threads: Reference specifications ASA B1.1; 1964



Assembly

Brennan Tube Fittings are shipped completely assembled and finger-tightened. They are ready for immediate use. Disassembly before use can result in dirt or foreign material getting into the fitting, which can cause leaks. Brennan Tube Fittings are installed in three easy steps:

Step 1

Insert the tubing into the Brennan Tube Fitting. Make sure that the tubing rests firmly on the shoulders of the fitting and that the nut is snug-tight. In this position, the tube does not rotate by hand.

Step 2

Before tightening the Brennan nut, scribe the nut at the 9 o'clock position.

Step 3

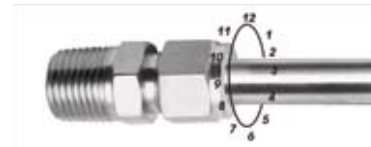
While holding the fitting body steady with a backup wrench, tighten the nut 1-1/4 turns*.

Watch the scribe mark and make one complete revolution. Then continue turning to the 12 o'clock position.

* For 1/8" and 3/16" size tube fittings, only 3/4 turns from finger-tight is required.

Reassembly Instructions

Insert tube into fitting body and hand tighten. Using wrench, rotate the nut approximately 1/4 turn to original 1-1/4 turns position. Then snug slightly with wrench.



Pre-Swaging

Sometimes, Brennan Tube Fittings must be installed in cramped quarters or overhead where ladders must be used. It is usually advantageous to use a pre-swaging tool on the tubing in an open ground area, thus pre-swaging the ferrules onto the tubing. The tubing is then removed from the pre-swaging tool. The tubing (with nut and pre-swaged ferrules) can now be attached to the fitting merely by following the reassembly instructions.

Step 1

Assemble the Brennan nut and ferrules to the pre-swaging tool. Insert the tubing until it bottoms out in the fitting body. Then tighten the nut 1-1/4 turns.

Step 2

Loosen the nut and remove the tubing with the pre-swaged ferrules from the pre-swaging tool.

Step 3

The connection can now be made simply by snug-tightening the nut as described in the retightening instructions.

Brennan hydraulic swaging units are now available in 1/2", 5/8", 3/4" and 1" sizes. For further information, consult your local Brennan sales and service representative.

Brennan Gap Inspection Gages

Brennan Gap Inspection Gages are designed to assure that a fitting has been sufficiently pulled up. They are particularly useful in systems where fittings are to be tightened in difficult or inaccessible locations, as well as systems where insufficient pull-up could cause potentially dangerous or expensive consequences.

Brennan Gap Inspection Gages are inserted between the nut and body of a tube fitting after make-up. If the gage will fit in the gap between the nut and body hex, the fitting nut has not been sufficiently tightened.

Gap inspection gages cannot distinguish the overtightening of a fitting from proper make-up.

Gap inspection gages should be used only for initial make-ups and are not to be used in subsequent remake assemblies.

Ordering Codes

Example →

N2404-04-04-SS

Fitting Type
(Male Connector)

Tube O.D.
in six-
teenths
of an inch
1/4" O.D.

Pipe Size
in six-
teenths
of an inch
1/4" NPT

Material
SS = stainless steel, type 316
B = brass

- The largest tube end size is first. The smaller tube end or pipe thread size follows.
- Additional fitting materials and thread specifications are available upon request.

NOTE: No suffix is required for Carbon Steel fittings.

Fitting Type Designators

Designator	Description	Designator	Description
N0304	Plug	N2503	45 Degree Male Elbow
N0318	Nut	N2525	Butt Weld Male Elbow
N0319-B	Back Ferrule	N2526	Socket Weld Male Elbow
N0319-F	Front Ferrule	N2601	Male Branch Tee
N0319-S	Ferrule Set	N2602	Female Branch Tee
N2402	Male Connector (JIC)	N2603	Union Tee
N2403	Union	N2603	Reducing Union Tee
N2403	Reducing Union	N2605	Male Run Tee
N2404	Male Connector	N2606	Female Run Tee
N2405	Female Connector	N2650	Cross
N2406	Reducer	N2700-LN	Bulkhead Union
N2408	Cap	N2700-LN	Bulkhead Reducing Union
N2425	Butt Weld Male Connector	N2701-LN	Bulkhead Union Elbow
N2426	Socket Weld Male Connector	N2705-LN	Bulkhead Female Connector
N2427	Male Adapter (JIC)	N2706-LN	Bulkhead Male Connector (NPT)
N2428	Male Adapter (NPT)	N2707-LN	Bulkhead Male Connector (JIC)
N2429	O-Seal Male Adapter	N2709-LN	Bulkhead Reducer
N2430	Female Adapter	N6400	O-Seal Male Connector
N2431	Female Gage Adapter	N6801	90° Positionable Male Elbow
N2440	Port Connector	N6802	45° Degree Positionable Male Elbow
N2440	Reducing Port Connector	N6803	90° Positionable Male Branch Tee
N2500	Union Elbow	N6804	Positionable Male Run Tee
N2501	Male Elbow	N7002	BSPP Male Connector
N2502	Female Elbow		

• Additional Fitting Types Are Available Upon Request.

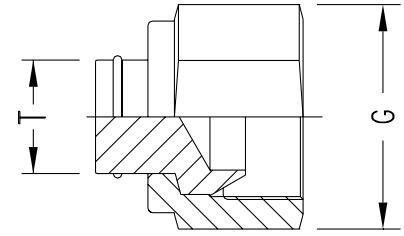
Sizing Chart

Size No.	Tube-To-Pipe or Tube-To-Tube	
	Tube O.D.	Pipe Thread or Tube O.D.
1-1	1/16	1/16
1-2	1/16	1/8
2-1	1/8	1/16
2-2	1/8	1/8
2-4	1/8	1/4
3-2	3/16	1/8
3-4	3/16	1/4
4-2	1/4	1/8
4-4	1/4	1/4
4-6	1/4	3/8
4-8	1/4	1/2
5-2	5/16	1/8
5-4	5/16	1/4
6-2	3/8	1/8
6-4	3/8	1/4
6-6	3/8	3/8
6-8	3/8	1/2
8-4	1/2	1/4
8-6	1/2	3/8
8-8	1/2	1/2
8-12	1/2	3/4
10-6	5/8	3/8
10-8	5/8	1/2
10-12	5/8	3/4
12-8	3/4	1/2
12-12	3/4	3/4
14-12	7/8	3/4
14-16	7/8	1
16-12	1	3/4
16-16	1	1
20-20	1-1/4	1-1/4
24-24	1-1/2	1-1/2
32-32	2	2

• Additional sizes are available upon request.

Plug N0304

Part No.	T Tube OD	G A/F
N0304-01	1/16	8
N0304-02	1/8	11
N0304-04	1/4	14
N0304-05	5/16	16
N0304-06	3/8	17
N0304-08	1/2	22
N0304-10	5/8	25
N0304-12	3/4	28.5
N0304-14	7/8	32
N0304-16	1	38
N0304-20	1-1/4	50
N0304-24	1-1/2	57
N0304-32	2	76

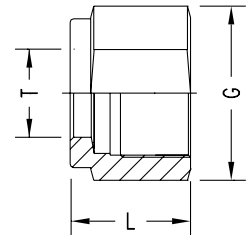


Special Installation Instructions For Adapters And Plugs

From finger-tight, tighten nut 1/4 turn only. Further connections are made by wrench tightening slightly after snugging nut by hand.

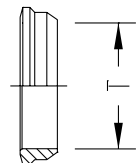
Nut N0318

Part No.	T Tube OD	L	G A/F
N0318-01	1/16	8.0	8
N0318-02	1/8	12.0	11
N0318-04	1/4	12.7	14
N0318-05	5/16	14.0	16
N0318-06	3/8	14.5	17
N0318-08	1/2	17.5	22
N0318-10	5/8	17.5	25
N0318-12	3/4	17.5	28.5
N0318-14	7/8	17.5	32
N0318-16	1	20.6	38
N0318-20	1-1/4	31.8	50
N0318-24	1-1/2	38.0	57
N0318-32	2	52.5	76



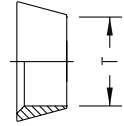
Back Ferrule N0319-B

Part No.	T Tube OD
N0319-B-01	1/16
N0319-B-02	1/8
N0319-B-04	1/4
N0319-B-05	5/16
N0319-B-06	3/8
N0319-B-08	1/2
N0319-B-10	5/8
N0319-B-12	3/4
N0319-B-14	7/8
N0319-B-16	1
N0319-B-20	1-1/4
N0319-B-24	1-1/2
N0319-B-32	2



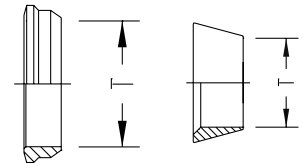
Double-Ferrule Tube Fittings

Front Ferrule N0319-F



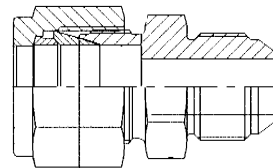
Part No.	T Tube OD
N0319-F-01	1/16
N0319-F-02	1/8
N0319-F-04	1/4
N0319-F-05	5/16
N0319-F-06	3/8
N0319-F-08	1/2
N0319-F-10	5/8
N0319-F-12	3/4
N0319-F-14	7/8
N0319-F-16	1
N0319-F-20	1-1/4
N0319-F-24	1-1/2
N0319-F-32	2

Ferrule Set N0319-S



Part No.	T Tube OD
N0319-S-01	1/16
N0319-S-02	1/8
N0319-S-04	1/4
N0319-S-05	5/16
N0319-S-06	3/8
N0319-S-08	1/2
N0319-S-10	5/8
N0319-S-12	3/4
N0319-S-14	7/8
N0319-S-16	1
N0319-S-20	1-1/4
N0319-S-24	1-1/2
N0319-S-32	2

Male Connector (JIC) N2402

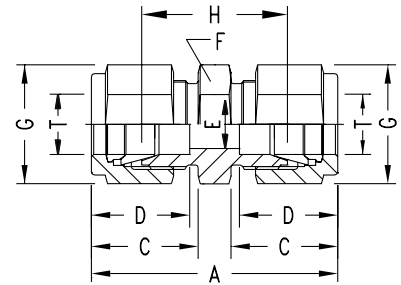


Tube X Male JIC

Part No.	T Tube OD	Tube Flare Size	A	ØE min.	C	D	F A/F	G A/F	H	Male JIC
N2402-01-02	1/16	1/8	27.2	1.3	11.0	8.6	11	8	23.4	5/16-24
N2402-02-02	1/8	1/8	32.3	1.5	15.3	12.7	11	11	25.7	5/16-24
N2402-02-04	1/8	1/4	35.1	2.3	15.3	12.7	14	11	28.5	7/16-20
N2402-04-04	1/4	1/4	37.6	4.3	17.8	15.3	14	14	30.2	7/16-20
N2402-05-05	5/16	5/16	38.4	5.8	18.5	16.3	14	16	31.0	1/2-20
N2402-06-04	3/8	1/4	39.6	4.3	19.3	16.8	16	17	32.3	7/16-20
N2402-06-06	3/8	3/8	39.6	7.1	19.3	16.8	16	17	32.3	9/16-18
N2402-08-08	1/2	1/2	46.0	9.9	21.8	22.9	22	22	35.8	3/4-16
N2402-12-12	3/4	3/4	53.3	15.5	21.8	24.4	28.5	28.5	43.2	1-1/16-12
N2402-16-16	1	1	61.5	21.3	26.4	31.2	35	38	49.3	1-5/16-12

Union N2403

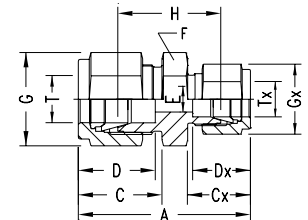
Tube x Tube



Part No.	T Tube OD	A	C	D	E min.	F A/F	G A/F	H
N2403-01-01	1/16	25.1	11.0	8.6	1.3	8	8	17.5
N2403-02-02	1/8	35.6	15.3	12.7	2.4	11	11	22.4
N2403-04-04	1/4	40.9	17.8	15.3	4.8	14	14	26.2
N2403-05-05	5/16	42.9	18.5	16.3	6.3	14	16	28.2
N2403-06-06	3/8	45.0	19.3	16.8	7.1	16	17	30.2
N2403-08-08	1/2	51.3	21.8	22.9	10.4	22	22	31.0
N2403-10-10	5/8	52.0	21.8	24.4	12.7	24	25	31.8
N2403-12-12	3/4	53.6	21.8	24.4	15.8	27	28.5	33.3
N2403-14-14	7/8	55.2	21.8	25.9	18.2	30	32	34.8
N2403-16-16	1	64.8	26.4	31.2	22.3	35	38	40.4
N2403-20-20	1-1/4	92.2	38.9	41.2	27.6	46	50	48.0
N2403-24-24	1-1/2	108.0	45.2	50.0	34.0	55	57	53.6
N2403-32-32	2	149.4	62.7	67.6	46.0	70	76	74.7

Reducing Union N2403

Tube x Tube

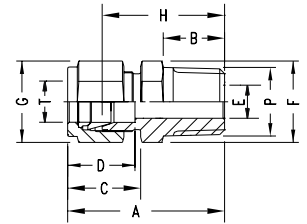


Part No.	T Tube OD	Tx Tube OD	A	C	Cx	D	Dx	E min.	F A/F	G A/F	Gx A/F	H
N2403-04-02	1/4	1/8	38.6	17.8	15.3	15.3	12.7	2.4	14	14	11	24.6
N2403-05-02	5/16	1/8	39.6	18.6	15.3	16.3	12.7	2.4	14	16	11	25.7
N2403-05-04	5/16	1/4	42.2	18.6	17.8	16.3	15.3	4.8	14	16	14	27.5
N2403-06-02	3/8	1/8	40.9	19.3	15.3	16.8	12.7	2.4	16	17	11	26.9
N2403-06-04	3/8	1/4	43.2	19.3	17.8	16.8	15.3	4.8	16	17	14	28.5
N2403-08-02	1/2	1/8	45.2	21.8	15.3	22.9	12.7	2.4	22	22	11	28.5
N2403-08-04	1/2	1/4	47.0	21.8	17.8	22.9	15.3	4.8	22	22	14	29.5
N2403-08-06	1/2	3/8	48.5	21.8	19.3	22.9	16.8	7.1	22	22	17	31.0
N2403-10-06	5/8	3/8	49.3	21.8	19.3	24.4	16.8	7.1	24	25	17	31.8
N2403-10-08	5/8	1/2	52.0	21.8	21.8	24.4	22.9	10.4	24	25	22	31.8
N2403-12-04	3/4	1/4	49.3	21.8	17.8	24.4	15.3	4.8	27	28.5	14	31.8
N2403-12-06	3/4	3/8	50.8	21.8	19.3	24.4	16.8	7.1	27	28.5	17	33.3
N2403-12-08	3/4	1/2	53.6	21.8	21.8	24.4	22.9	10.4	27	28.5	22	33.3
N2403-16-08	1	1/2	60.5	26.5	21.8	31.2	22.9	10.4	35	38	22	38.1
N2403-16-12	1	3/4	60.5	26.5	21.8	31.2	24.4	15.8	35	38	28.5	38.1
N2403-20-16	1-1/4	1	92.2	38.9	26.4	41.2	31.2	22.3	45	50	38	48.0
N2403-24-20	1-1/2	1-1/4	60.5	26.5	21.8	31.2	24.4	15.8	55	57	50	53.6

Double-Ferrule Tube Fittings

Male Connector N2404

Tube x Male NPT Threads

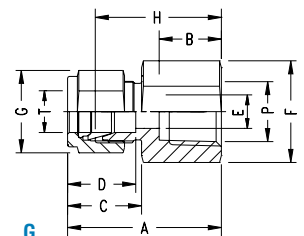


Part No.	T Tube OD	P NPT Male	A	B	C	D	E min.	F A/F	G A/F	H
N2404-01-01	1/16	1/16	23.9	9.6	11.0	8.6	1.3	8	8	20.0
N2404-01-02	1/16	1/8	26.2	9.6	11.0	8.6	1.3	14	8	22.4
N2404-02-02	1/8	1/8	30.5	9.6	15.3	12.7	2.4	11	11	23.9
N2404-02-04	1/8	1/4	35.6	14.3	15.3	12.7	2.4	14	11	29.0
N2404-04-02	1/4	1/8	32.8	9.6	17.8	15.3	4.8	14	14	25.4
N2404-04-04	1/4	1/4	37.8	14.3	17.8	15.3	4.8	14	14	30.5
N2404-04-06	1/4	3/8	38.4	14.3	17.8	15.3	4.8	19	14	31.0
N2404-04-08	1/4	1/2	44.7	19.1	17.8	15.3	4.8	22	14	37.4
N2404-05-04	5/16	1/4	38.6	14.3	18.5	16.3	6.3	14	16	31.2
N2404-06-02	3/8	1/8	35.3	9.6	19.3	16.8	4.8	16	17	27.9
N2404-06-04	3/8	1/4	39.8	14.3	19.3	16.8	7.1	16	17	32.5
N2404-06-06	3/8	3/8	39.8	14.3	19.3	16.8	7.1	19	17	32.5
N2404-06-08	3/8	1/2	41.2	19.1	19.3	16.8	7.1	22	17	38.9
N2404-08-04	1/2	1/4	43.4	14.3	21.8	22.9	7.1	22	22	33.3
N2404-08-06	1/2	3/8	43.4	14.3	21.8	22.9	9.6	22	22	33.3
N2404-08-08	1/2	1/2	49.0	19.1	21.8	22.9	10.4	22	22	38.9
N2404-08-12	1/2	3/4	50.5	19.1	21.8	22.9	10.4	27	22	40.4
N2404-08-16	1/2	1	57.1	23.8	21.8	22.9	10.4	35	22	47.0
N2404-10-06	5/8	3/8	44.2	14.3	21.8	24.4	9.6	24	25	34.0
N2404-10-08	5/8	1/2	49.0	19.1	21.8	24.4	10.4	24	25	38.9
N2404-12-08	3/4	1/2	50.5	19.1	21.8	24.4	10.4	27	28.5	40.4
N2404-12-12	3/4	3/4	50.5	19.1	21.8	24.4	15.8	27	28.5	40.4
N2404-12-16	3/4	1	57.1	23.8	21.8	24.4	15.8	35	28.5	47.0
N2404-14-12	7/8	3/4	50.5	19.1	21.8	26.0	15.8	30	32	40.4
N2404-16-08	1	1/2	57.4	19.1	26.4	31.2	10.4	35	38	45.2
N2404-16-12	1	3/4	57.4	19.1	26.4	31.2	15.8	35	38	45.2
N2404-16-16	1	1	62.2	23.8	26.4	31.2	22.3	35	38	50.0
N2404-20-16	1-1/4	1	77.2	23.8	38.9	41.2	22.3	46	50	55.2
N2404-20-20	1-1/4	1-1/4	77.2	23.8	38.9	41.2	27.6	46	50	55.2
N2404-24-24	1-1/2	1-1/2	88.9	26.2	45.2	50.0	34.0	55	57	61.7
N2404-32-32	2	2	113.5	26.9	62.7	67.6	46.0	70	76	76.2

Bored-Through Connectors available in all of these sizes. Add suffix "BT" to the above part numbers to designate bored-through male connector.

Female Connector N2405

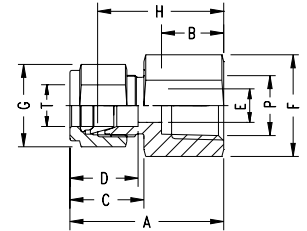
Tube x Female NPT Threads



Part No.	T Tube OD	P NPT Female	A	B	C	D	E min.	F A/F	G A/F	H
N2405-01-01	1/16	1/16	23.6	9.9	11.0	8.6	1.3	11	8	19.8
N2405-01-02	1/16	1/8	24.4	10.4	11.0	8.6	1.3	14	8	20.6
N2405-02-02	1/8	1/8	28.7	10.4	15.3	12.7	2.4	14	11	22.1
N2405-02-04	1/8	1/4	33.6	15.0	15.3	12.7	2.4	19	11	26.9
N2405-04-02	1/4	1/8	31.2	9.9	17.8	15.3	4.8	14	14	23.9
N2405-04-04	1/4	1/4	35.8	15.0	17.8	15.3	4.8	19	14	28.5
N2405-04-06	1/4	3/8	37.6	15.0	17.8	15.3	4.8	22	14	30.2
N2405-04-08	1/4	1/2	42.4	19.8	17.8	15.3	4.8	27	14	35.0
N2405-05-02	5/16	1/8	32.0	10.4	18.5	16.3	6.3	14	16	24.6
N2405-05-04	5/16	1/4	36.8	15.0	18.5	16.3	6.3	19	16	29.5
N2405-06-02	3/8	1/8	32.8	10.4	19.3	16.8	7.1	16	17	25.4
N2405-06-04	3/8	1/4	37.6	15.0	19.3	16.8	7.1	19	17	30.2
N2405-06-06	3/8	3/8	39.1	15.0	19.3	16.8	7.1	22	17	31.8
N2405-06-08	3/8	1/2	43.9	19.8	19.3	16.8	7.1	27	17	36.6
N2405-08-04	1/2	1/4	40.4	15.0	21.8	22.9	10.4	22	22	30.2

Female Connector N2405

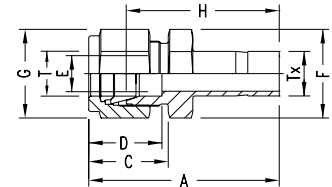
Tube x Female NPT Threads



Part No.	T Tube OD	P NPT Female	A	B	C	D	E min.	F A/F	G A/F	H
N2405-08-06	1/2	3/8	41.9	15.0	21.8	22.9	10.4	22	22	30.2
N2405-08-08	1/2	1/2	46.7	19.8	21.8	22.9	10.4	27	22	36.6
N2405-08-12	1/2	3/4	48.3	20.6	21.8	22.9	10.4	32	22	38.1
N2405-10-06	5/8	3/8	41.9	15.0	21.8	24.4	12.7	24	25	31.8
N2405-10-08	5/8	1/2	46.7	19.8	21.8	24.4	12.7	27	25	36.6
N2405-12-08	3/4	1/2	46.7	19.8	21.8	24.4	15.8	27	28.5	36.6
N2405-12-12	3/4	3/4	48.3	20.6	21.8	24.4	15.8	35	28.5	38.1
N2405-14-12	7/8	3/4	49.8	20.6	21.8	25.9	18.3	35	32	39.6
N2405-16-12	1	3/4	53.4	20.6	26.4	31.2	22.3	35	38	41.2
N2405-16-16	1	1	62.3	25.4	26.4	31.2	22.3	41	38	50.0
N2405-20-20	1-1/4	1-1/4	74.6	25.4	38.9	41.2	27.6	55	50	52.6
N2405-24-24	1-1/2	1-1/2	83.3	27.6	45.2	50.0	34.0	60	60	56.2

Reducer N2406

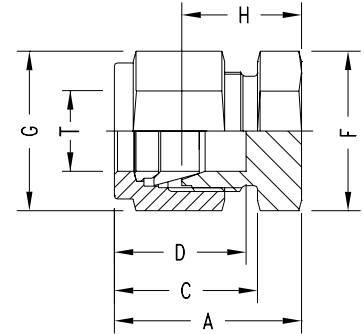
Tube x Machined Tube Stub



Part No.	T Tube OD	Tx Tube OD	A	C	D	E min.	F A/F	G A/F	H
N2406-02-02	1/8	1/8	33.5	15.3	12.7	2.0	11	11	26.9
N2406-02-04	1/8	1/4	36.0	15.3	12.7	4.8	11	11	29.5
N2406-04-02	1/4	1/8	36.8	17.8	15.3	2.0	14	14	29.5
N2406-04-04	1/4	1/4	39.1	17.8	15.3	4.8	14	14	31.8
N2406-04-06	1/4	3/8	40.6	17.8	15.3	4.8	14	14	33.3
N2406-04-08	1/4	1/2	46.3	17.8	15.3	4.8	14	14	38.9
N2406-05-06	5/16	3/8	41.9	18.6	16.3	6.3	14	16	34.6
N2406-05-08	5/16	1/2	46.5	18.6	16.3	6.3	14	16	40.2
N2406-06-04	3/8	1/4	41.4	19.3	16.8	7.1	16	17	34.0
N2406-06-06	3/8	3/8	43.2	19.3	16.8	7.1	16	17	35.8
N2406-06-08	3/8	1/2	48.5	19.3	16.8	7.1	16	17	41.2
N2406-08-04	1/2	1/4	45.0	21.8	22.9	4.8	22	22	34.8
N2406-08-06	1/2	3/8	46.7	21.8	22.9	7.1	22	22	36.6
N2406-08-08	1/2	1/2	52.3	21.8	22.9	9.9	22	22	42.2
N2406-08-12	1/2	3/4	53.8	21.8	22.9	10.4	22	22	43.7
N2406-08-16	1/2	1	60.2	21.8	22.9	10.4	22	22	50.0
N2406-10-12	10-12	3/4	54.6	21.8	24.4	12.7	24	25	44.5
N2406-10-14	10-12	7/8	56.2	21.8	24.4	12.7	24	25	46.0
N2406-12-08	3/4	1/2	54.6	21.8	24.4	9.9	27	28.5	44.5
N2406-12-16	12-16	1	62.5	21.8	24.4	15.8	27	28.5	52.3
N2406-16-20	16-20	1-1/4	80.5	26.4	31.2	22.3	35	38	68.3
N2406-16-24	16-24	1-1/2	89.2	26.4	31.2	22.3	41	38	77.0

Double-Ferrule Tube Fittings

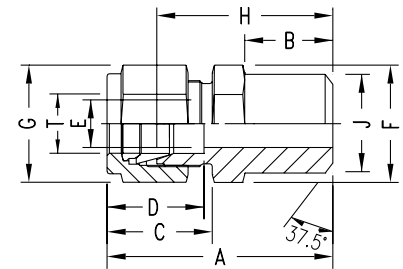
Cap N2408



Part No.	T Tube OD	A	C	D	F A/F	G A/F	H
N2408-01	1/16	13.0	11.0	8.6	11	8	11.2
N2408-02	1/8	20.0	15.3	12.7	11	11	13.5
N2408-04	1/4	23.4	17.8	15.3	14	14	16.0
N2408-05	5/16	24.4	18.5	16.3	16	16	17.0
N2408-06	3/8	25.7	19.3	16.8	17	17	18.3
N2408-08	1/2	29.2	21.8	22.9	22	22	19.0
N2408-10	5/8	30.0	21.8	24.4	24	25	19.8
N2408-12	3/4	31.5	21.8	24.4	27	28.5	21.4
N2408-14	7/8	34.0	21.8	25.9	35	32	23.9
N2408-16	1	38.4	26.4	31.2	35	38	26.2
N2408-20	1-1/4	53.3	38.9	41.2	46	50	31.2
N2408-24	1-1/2	64.5	45.2	50.0	55	57	37.4
N2408-32	2	88.6	62.7	67.6	70.0	76.0	49.3

Butt Weld Male Connector N2425

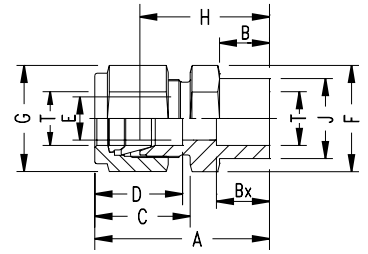
Tube x Male Pipe Weld



Part No.	T Tube OD	Pipe Weld Male	A	B	C	D	E min.	F A/F	G A/F	H	J
N2425-02-02	1/8	1/8	30.5	9.6	15.3	12.7	2.4	11	11	23.9	10.3
N2425-04-02	1/4	1/8	32.8	9.6	17.8	15.3	4.8	14	14	25.4	10.3
N2425-04-04	1/4	1/4	37.8	14.3	17.8	15.3	4.8	14	14	30.5	13.7
N2425-05-02	5/16	1/8	34.0	9.6	18.5	16.3	5.1	14	16	26.7	10.3
N2425-05-04	5/16	1/4	38.6	14.3	18.5	16.3	6.3	16	16	31.2	13.7
N2425-06-04	3/8	1/4	39.9	14.3	19.3	16.8	7.1	16	17	32.5	13.7
N2425-06-06	3/8	3/8	39.9	14.3	19.3	16.8	7.1	17	17	32.5	17.2
N2425-06-08	3/8	1/2	46.3	19.1	19.3	16.8	7.1	22	17	38.9	21.3
N2425-08-06	1/2	3/8	43.4	14.3	21.8	22.9	10.4	22	22	33.3	17.2
N2425-08-08	1/2	1/2	49.0	19.1	21.8	22.9	10.4	22	22	38.9	21.3
N2425-08-12	1/2	3/4	50.5	19.1	21.8	22.9	10.4	27	22	40.4	26.7
N2425-10-08	5/8	1/2	49.0	19.1	21.8	24.4	12.7	24	25	38.9	21.3
N2425-12-12	3/4	3/4	50.5	19.1	21.8	24.4	15.8	27	29	40.4	26.7
N2425-16-16	1	1	62.2	23.8	26.4	31.2	22.3	35	38	50.0	33.4
N2425-20-20	1-1/4	1-1/4	77.2	23.8	38.9	41.2	27.6	46	50	55.2	42.2
N2425-24-24	1-1/2	1-1/2	88.9	26.2	45.2	50.0	34	55	60	61.7	48.3

Socket Weld Male Connector N2426

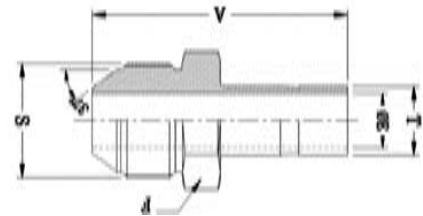
Tube x Male Socket Weld



Part No.	T Tube OD	A	B	Bx	C	D	E min.	F A/F	G A/F	H	J
N2426-02-02	1/8	29.0	8.6	6.4	15.3	12.7	2.4	11	11	22.9	7.9
N2426-04-04	1/4	33.5	10.4	7.9	17.8	5.3	4.8	14	14	26.2	11.2
N2426-06-06	3/8	37.6	12.0	9.6	19.3	16.8	7.1	16	17	30.3	15.8
N2426-08-08	1/2	41.2	12.0	12.7	21.8	22.9	10.4	22	22	31.0	19.1
N2426-12-12	3/4	43.4	12.0	14.3	21.8	24.4	15.8	27	28.5	33.3	26.7
N2426-16-16	1	52.6	14.3	19.1	26.4	31.2	22.3	35	38	40.4	33.3
N2426-20-20	1-1/4	72.4	19.1	19.1	38.9	41.2	27.6	45	50	50.3	42.0
N2426-24-24	1-1/2	81.8	19.1	23.8	45.2	50.0	34.0	55	57	54.6	50.0

Male Adapter N2427

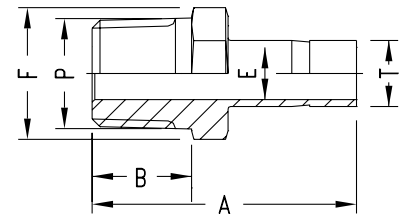
Male JIC x Machined Tube Stub



Part No.	Flare Size	T Tube OD	A	ØE	JIC Male	F A/F
N2427-04-04	1/4	1/4	37.1	4.8	7/16-20	14
N2427-06-06	3/8	3/8	39.6	7.1	9/16-18	16
N2427-08-08	1/2	1/2	48.5	9.9	3/4-16	22
N2427-12-12	3/4	3/4	56.1	15.0	1-1/16-12	28.5
N2427-16-16	1	1	65.5	20.3	1-5/16-12	35

Male Adapter N2428

Male NPT Threads x Machined Tube Stub

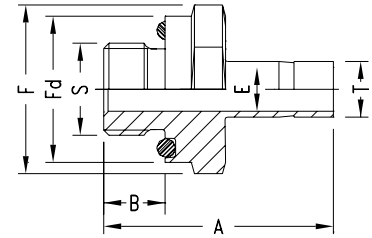


Part No.	P NPT Male	T Tube OD	A	B	E min.	F A/F
N2428-02-02	1/8	1/8	29.5	9.6	4.8	11
N2428-02-04	1/8	1/4	34.8	14.4	7.1	14
N2428-04-02	1/4	1/8	31.8	9.6	4.8	11
N2428-04-04	1/4	1/4	37.0	14.3	4.8	14
N2428-04-06	1/4	3/8	37.8	14.3	4.8	19
N2428-04-08	1/4	1/2	43.4	19.1	4.8	22
N2428-05-04	5/16	1/4	38.1	14.3	6.3	14
N2428-06-04	3/8	1/4	38.9	14.3	7.1	14
N2428-06-06	3/8	3/8	39.6	14.3	7.1	19
N2428-06-08	3/8	1/2	45.2	19.1	7.1	22
N2428-08-04	1/2	1/4	44.5	14.3	7.1	14
N2428-08-06	1/2	3/8	45.2	14.3	9.9	19
N2428-08-08	1/2	1/2	50.8	19.1	9.9	22
N2428-10-08	5/8	1/2	52.3	19.1	11.9	22
N2428-12-08	3/4	1/2	52.3	19.1	11.9	22
N2428-12-12	3/4	3/4	52.3	19.1	15.0	27
N2428-16-12	1	3/4	58.7	19.1	15.7	27
N2428-16-16	1	1	66.0	23.8	20.3	35
N2428-20-20	1-1/4	1-1/4	80.3	23.8	27.6	45
N2428-24-24	1-1/2	1-1/2	94.5	26.2	33.2	55

Double-Ferrule Tube Fittings

O-Seal Male Adapter N2429

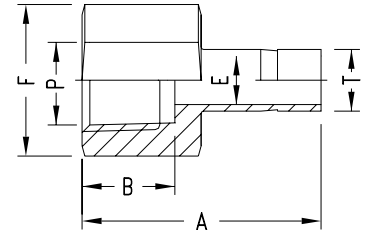
Male Straight Threads x Machined Tube Stub



Part No.	S UNF Male	T Tube Male	A	B	E min.	F	Fd A/F	O Ring Part No.
N2429-02-02	1/8	5/16-24	32.5	8.6	2.4	14	13.8	1 OPU
N2429-04-04	1/4	7/16-24	39.2	10.4	4.8	19	18.8	2 OPU
N2429-05-05	5/16	1/2-24	41.7	11.2	6.3	22	21.8	3 OPU
N2429-06-06	3/8	9/16-24	43.2	12.0	7.1	24	23.6	4 OPU
N2429-08-08	1/2	3/4-24	49.5	12.0	9.9	27	26.8	6 OPU
N2429-12-12	3/4	1-1/16-12	55.0	14.3	15.0	38	37.8	12 OPU
N2429-16-16	1	1-5/16-12	62.5	14.3	19.8	45	44.0	16 OPU
N2429-20-20	1-1/4	1-5/8-12	79.5	18.3	27.4	55	54.0	20 OPU
N2429-24-24	1-1/2	1-7/8-12	92.2	19.8	33.3	60	58.0	24 OPU

Female Adapter N2430

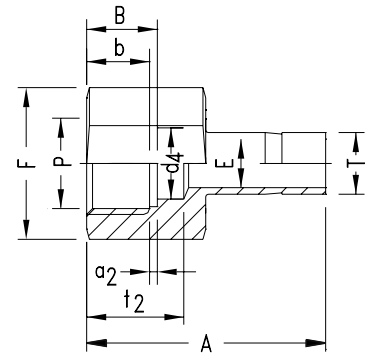
Female NPT Threads x Machined Tube Stub



Part No.	P NPT Female	T Tube OD	A	B	E min.	F	F/A/F
N2430-02-02	1/8	1/8	31.5	10.4	2.4	14	14
N2430-02-04	1/8	1/4	35.3	15.0	2.4	19	19
N2430-04-02	1/4	1/8	33.0	10.4	4.8	14	14
N2430-04-04	1/4	1/4	37.0	15.0	4.8	19	19
N2430-04-06	1/4	3/8	39.4	15.0	4.8	22	22
N2430-04-08	1/4	1/2	45.5	19.8	4.8	27	27
N2430-05-04	5/16	1/4	37.6	15.0	6.3	19	19
N2430-06-04	3/8	1/4	38.1	15.0	7.1	19	19
N2430-06-06	3/8	3/8	40.4	15.0	7.1	22	22
N2430-06-08	3/8	1/2	46.7	19.8	7.1	27	27
N2430-08-04	1/2	1/4	43.5	15.0	9.9	19	19
N2430-08-06	1/2	3/8	45.5	15.0	9.9	22	22
N2430-08-08	1/2	1/2	51.8	19.8	9.9	27	27
N2430-10-08	5/8	1/2	53.0	19.8	12.7	27	27
N2430-12-08	3/4	1/2	52.8	19.8	15.0	27	27
N2430-12-12	3/4	3/4	52.8	20.6	15.0	35	35
N2430-12-16	3/4	1	58.4	25.4	15.0	41	41
N2430-16-12	1	3/4	60.7	20.6	20.3	35	35
N2430-16-16	1	1	64.3	25.4	20.3	41	41
N2430-20-20	1-1/4	1-1/4	77.7	25.4	27.6	55	55
N2430-24-24	1-1/2	1-1/2	88.9	27.6	33.2	60	60

Female Gage Adapter N2431

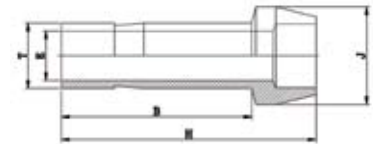
Female ISO Parallel Threads (gage) x Machined Tube Stub



Part No.	P ISO Female	T Tube OD	A	B	E min.	F A/F	a2	d4	b	t2
N2431-04-04	1/4	1/4	35.3	13.0	4.8	19	1.6	5.8	9.4	17.0
N2431-06-06	3/8	3/8	39.4	14.2	6.6	24	1.6	—	9.9	—
N2431-08-08	1/2	1/2	45.7	18.8	7.1	27	1.6	—	14.5	—

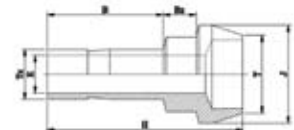
No seal is made around the male thread. Instead, a gasket is dropped into the flat bottom in the female thread, and the end of the male threaded end exerts a load on the gasket to seal.

Port Connector N2440



Part No.	T Tube OD	B	E min.	H	J
N2440-01-01	1/16	10.60	0.8	13.7	3.3
N2440-02-02	1/8	15.70	2.3	22.3	6.0
N2440-04-04	1/4	18.90	4.8	24.7	9.5
N2440-05-05	5/16	20.10	6.3	25.9	11.0
N2440-06-06	3/8	20.40	7.1	26.2	12.5
N2440-08-08	1/2	26.00	9.9	35.9	15.80
N2440-12-12	3/4	27.70	15.0	37.4	22
N2440-16-16	1	34.50	20.3	47.9	28.2

Reducing Port Connector N2440

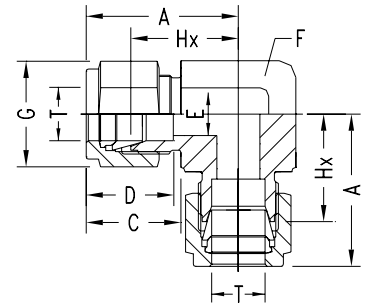


Part No.	T Tube OD	Tx Reduced Tube OD	B	Bx	E min.	H	J
N2440-02-01	1/8	1/16	8.6	2.0	0.8	17.2	6.0
N2440-04-01	1/4	1/16	8.6	3.6	0.8	18.0	9.5
N2440-04-02	1/4	1/8	13.5	3.3	2.3	22.6	9.5
N2440-06-02	3/8	1/8	13.5	3.8	2.3	23.1	12.5
N2440-06-04	3/8	1/4	15.7	3.3	4.8	24.8	12.5
N2440-08-04	1/2	1/4	15.7	3.8	4.8	29.4	15.8
N2440-08-06	1/2	3/8	17.5	3.3	7.1	30.7	15.8
N2440-12-08	3/4	1/2	23.1	3.8	9.9	36.6	22.0
N2440-16-08	1	1/2	24.4	4.8	9.9	42.6	28.2
N2440-16-12	1	3/4	25.9	4.1	15.0	43.4	28.2

Double-Ferrule Tube Fittings

Union Elbow N2500

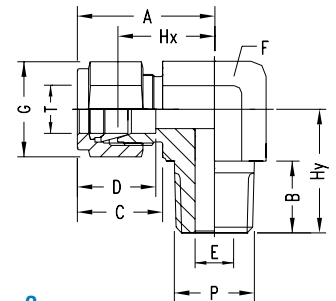
Tube X Tube



Part No.	T Tube OD	A	C	D	E min.	F A/F	G	Hx
N2500-01-01	1/16	17.8	11.0	8.6	1.3	11	8	14.0
N2500-02-02	1/8	22.4	15.3	12.7	2.4	11	11	15.8
N2500-04-04	1/4	26.9	17.8	15.3	4.8	14	14	19.6
N2500-05-05	5/16	28.7	18.5	16.3	6.3	16	16	21.3
N2500-06-06	3/8	30.5	19.3	16.8	7.1	17	17	23.2
N2500-08-08	1/2	36.0	21.8	22.9	10.4	22	22	25.9
N2500-10-10	5/8	38.1	21.8	24.4	12.7	24	25	27.9
N2500-12-12	3/4	39.9	21.8	24.4	15.8	27	28.5	29.7
N2500-14-14	7/8	44.7	21.8	25.9	18.2	35	32	34.6
N2500-16-16	1	49.0	26.4	31.2	22.3	35	38	36.8
N2500-20-20	1-1/4	66.6	38.9	41.2	27.6	46	50	44.5
N2500-24-24	1-1/2	78.0	45.2	50.0	34.0	55	57	50.8
N2500-32-32	2	107.2	62.7	67.6	46.0	70	76	69.9

Male Elbow N2501

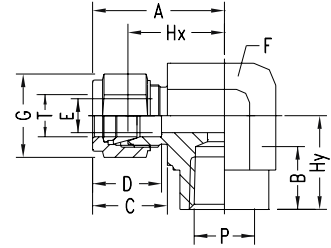
Tube X Male NPT Thread



Part No.	T Tube OD	P NPT Male	A	B	C	D	E min.	F A/F	G A/F	Hx	Hy
N2501-01-01	1/16	1/16	19.0	9.6	10.9	8.6	1.3	11	11	15.3	17.8
N2501-01-02	1/16	1/8	19.0	9.6	10.9	8.6	1.3	11	11	15.3	17.8
N2501-02-02	1/8	1/8	23.6	9.6	15.3	12.7	2.4	11	11	17.0	17.8
N2501-02-04	1/8	1/4	24.6	14.3	15.3	12.7	2.4	14	11	18.0	23.4
N2501-04-02	1/4	1/8	26.9	9.6	17.8	5.3	4.8	14	14	19.6	18.8
N2501-04-04	1/4	1/4	26.9	14.3	17.8	15.3	4.8	14	14	19.6	23.4
N2501-04-06	1/4	3/8	29.7	14.3	17.8	15.3	4.8	17	14	22.4	26.2
N2501-04-08	1/4	1/2	31.8	19.1	17.8	15.3	4.8	22	14	24.4	33.0
N2501-05-04	5/16	1/4	28.7	9.6	18.5	16.3	6.3	14	16	21.3	24.4
N2501-06-02	3/8	1/8	30.5	9.6	19.3	16.8	4.8	14	17	23.1	20.9
N2501-06-04	3/8	1/4	30.5	14.3	19.3	16.8	7.1	17	17	23.1	25.4
N2501-06-06	3/8	3/8	31.2	14.3	19.3	16.8	7.1	17	17	23.9	26.2
N2501-06-08	3/8	1/2	33.3	19.1	19.3	16.8	7.1	22	17	25.9	33.0
N2501-08-04	1/2	1/4	36.0	14.3	21.8	22.9	4.8	22	22	25.9	28.2
N2501-08-06	1/2	3/8	36.0	14.3	21.8	22.9	9.6	22	22	25.9	28.2
N2501-08-08	1/2	1/2	36.0	19.1	21.8	22.9	10.4	22	22	25.9	33.0
N2501-08-12	1/2	3/4	39.9	19.1	21.8	22.9	10.4	27	22	29.7	36.8
N2501-10-08	5/8	1/2	38.1	19.1	21.8	24.4	11.9	24	25	27.9	35.0
N2501-12-08	3/4	1/2	39.9	19.1	21.8	24.4	11.9	27	28.5	29.7	36.8
N2501-12-12	3/4	3/4	39.9	19.1	21.8	24.4	15.8	27	28.5	29.7	36.8
N2501-14-12	7/8	3/4	44.7	19.1	21.8	25.9	15.8	35	32	34.5	41.6
N2501-16-12	1	3/4	49.0	19.1	26.4	31.2	15.8	35	38	36.8	41.6
N2501-16-16	1	1	49.0	23.8	26.4	31.2	22.3	35	38	36.8	46.5
N2501-20-20	1-1/4	1-1/4	66.5	23.8	38.8	41.1	27.6	46	50	44.5	47.8
N2501-24-24	1-1/2	1-1/2	78.0	26.2	45.2	50.0	34.0	55	57	50.8	60.4
N2501-32-32	2	2	107.2	26.9	62.7	67.6	46.0	70	76	69.9	70.6

Female Elbow N2502

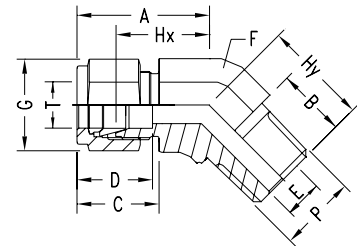
Tube x Female NPT Threads



Part No.	T Tube OD	P NPT Female	A	B	C	D	E min.	F A/F	G A/F	Hx	Hy
N2502-02-02	1/8	1/8	24.6	10.4	15.3	12.7	2.4	14	11	18.0	19.0
N2502-02-04	1/8	1/4	27.4	15.0	15.3	12.7	2.4	19	11	20.8	22.4
N2502-04-02	1/4	1/8	26.9	10.4	17.8	15.3	4.8	14	14	19.6	19.0
N2502-04-04	1/4	1/4	29.7	15.0	17.8	15.3	4.8	19	14	22.4	22.4
N2502-04-06	1/4	3/8	31.8	15.0	17.8	15.3	4.8	22	14	24.4	22.4
N2502-04-08	1/4	1/2	34.6	19.8	17.8	15.3	4.8	27	14	27.2	28.5
N2502-05-02	5/16	1/8	28.7	10.4	17.8	15.3	6.3	19	14	21.4	19.1
N2502-05-04	5/16	1/4	30.5	15.0	18.5	16.3	6.3	22	16	23.2	22.4
N2502-06-02	3/8	1/8	30.5	10.4	19.3	16.8	7.1	17	17	23.2	19.1
N2502-06-04	3/8	1/4	31.2	15.0	19.3	16.8	7.1	19	17	23.9	22.4
N2502-06-06	3/8	3/8	33.3	15.0	19.3	16.8	7.1	22	17	25.9	22.4
N2502-06-08	3/8	1/2	36.0	19.8	19.3	16.8	7.1	27	17	28.7	28.5
N2502-08-04	1/2	1/4	36.0	15.0	21.8	22.9	7.1	22	22	25.9	22.4
N2502-08-06	1/2	3/8	36.0	15.0	21.8	22.9	10.4	22	22	25.9	22.4
N2502-08-08	1/2	1/2	38.9	19.8	21.8	22.9	10.4	27	22	28.7	28.5
N2502-10-06	5/8	3/8	38.1	15.0	21.8	22.9	12.7	24	22	28.0	22.4
N2502-10-08	5/8	1/2	39.9	19.8	21.8	24.4	12.7	27	25	29.7	28.5
N2502-12-08	3/4	1/2	39.9	19.8	21.8	24.4	15.8	27	28.5	29.7	28.5
N2502-12-12	3/4	3/4	44.7	20.6	21.8	24.4	15.8	35	28.5	34.6	31.8
N2502-14-12	7/8	3/4	44.7	20.6	21.8	25.9	18.2	35	32	34.6	31.8
N2502-16-12	1	3/4	49.0	20.6	26.4	31.2	22.3	35	38	36.8	31.8
N2502-16-16	1	1	53.6	25.4	26.4	31.2	22.3	41	38	41.4	38.1

45° Male Elbow N2503

Tube x Male NPT Threads

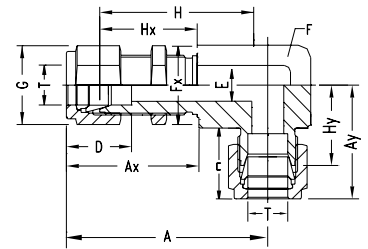


Part No.	T Tube OD	P NPT Male	A	B	C	D	E min.	F A/F	G A/F	Hx	Hy
N2503-04-02	1/4	1/8	24.6	9.6	17.8	15.3	4.8	14	14	17.3	16.5
N2503-04-04	1/4	1/4	24.6	14.3	17.8	15.3	4.8	14	14	17.3	21.0
N2503-06-02	3/8	1/8	27.9	9.6	19.3	16.8	4.8	14	17	20.6	18.3
N2503-06-04	3/8	1/4	27.9	14.3	19.3	16.8	7.1	17	17	20.6	22.9
N2503-06-06	3/8	3/8	29.2	14.3	19.3	16.8	7.1	17	17	21.8	24.1
N2503-08-06	1/2	3/8	32.0	14.3	21.8	22.9	9.6	22	22	21.8	24.1
N2503-08-08	1/2	1/2	32.0	19.1	21.8	22.9	10.4	22	22	21.8	29.0
N2503-12-12	3/4	3/4	34.0	19.1	21.8	24.4	15.8	27	28.5	23.9	31.8
N2503-16-16	1	1	40.4	23.8	26.4	31.2	22.3	35	38	26.2	37.8

Double-Ferrule Tube Fittings

Butt Weld Male Elbow N2525

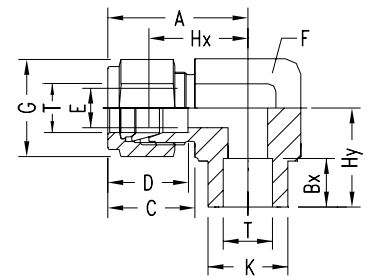
Tube X 90° Male Pipe Weld



Part No.	T Tube OD	Pipe Weld Male	A	B	C	D	E min.	F A/F	G A/F	Hx	Hy	J
N2525-04-02	1/4	1/8	27.0	9.6	17.8	15.3	4.8	14	14	19.6	18.8	10.3
N2525-04-04	1/4	1/4	27.0	14.3	17.8	15.3	4.8	14	14	19.6	23.4	13.7
N2525-06-04	3/8	1/4	30.5	14.3	19.3	16.8	7.1	16	17	23.1	25.9	13.7
N2525-08-08	1/2	1/2	36.0	19.1	21.8	22.9	10.4	22	22	25.9	33.0	21.3
N2525-12-12	3/4	3/4	39.9	19.1	21.8	24.4	15.8	27	29	29.7	36.8	26.7
N2525-16-16	1	1	49.0	23.8	26.4	31.2	22.3	35	38	36.8	46.5	33.4
N2525-20-20	1-1/4	1-1/4	66.5	23.8	38.9	41.2	27.6	45	50	44.5	47.8	42.2
N2525-24-24	1-1/2	1-1/2	78.0	26.2	45.2	50.0	34.0	50	57	50.8	60.5	48.3

Socket Weld Male Elbow N2526

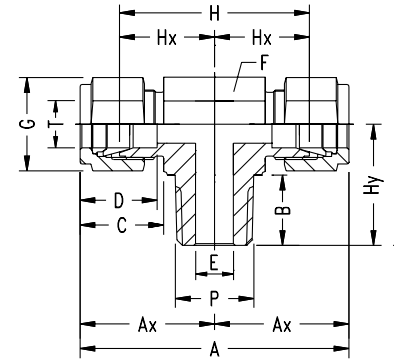
Tube X 90° male Socket Weld



Part No.	T Tube OD	A	Bx	C	D	E min.	F A/F	G A/F	Hx	Hy	K
N2526-04-04	1/4	27.0	7.9	17.8	15.3	4.8	14	14	19.6	19.6	12.7
N2526-06-06	3/8	30.5	9.6	19.3	16.8	7.1	16	17	23.1	23.1	15.8
N2526-08-08	1/2	36.0	12.7	21.8	22.9	10.4	22	22	25.9	25.9	20.6
N2526-12-12	3/4	39.9	14.3	21.8	24.4	15.8	27	28.5	29.7	29.7	27.0
N2526-16-16	1	49.0	19.1	26.4	31.2	22.3	35	38	36.8	36.8	35.0
N2526-20-20	1-1/4	66.5	19.1	38.9	41.2	27.6	45	50	44.5	47.8	43.0
N2526-24-24	1-1/2	78.0	23.8	45.2	50.0	34.0	50	57	50.8	60.4	48.0

Male Branch Tee N2601

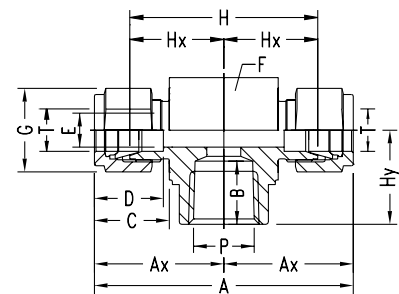
Tube x Tube x Male NPT Threads



Part No.	T Tube OD	P NPT Male	A	Ax	B	C	D	E min.	F	G A/F	H A/F	Hx	Hy
N2601-02-02-02	1/8	1/8	47.2	23.6	9.6	15.3	12.7	2.4	11	11	34.0	17.0	17.8
N2601-02-02-04	1/8	1/4	49.2	24.6	14.3	15.3	12.7	2.4	14	11	36.0	18.0	23.4
N2601-04-04-02	1/4	1/8	53.8	26.9	9.6	17.8	15.3	4.8	14	14	39.2	19.6	18.8
N2601-04-04-04	1/4	1/4	53.8	26.9	14.3	17.8	15.3	4.8	14	14	39.2	19.6	23.4
N2601-04-04-06	1/4	3/8	59.4	29.7	14.3	17.8	15.3	4.8	17	14	44.8	22.4	26.2
N2601-04-04-08	1/4	1/2	63.6	31.8	19.1	17.8	15.3	4.8	22	14	44.8	24.4	33.0
N2601-06-06-04	3/8	1/4	61.0	30.5	14.3	19.3	16.8	7.1	17	17	46.2	23.1	25.4
N2601-06-06-06	3/8	3/8	62.4	31.2	14.3	19.3	16.8	7.1	17	17	47.8	23.9	26.2
N2601-06-06-08	3/8	1/2	66.0	33.0	19.1	19.3	16.8	7.1	22	17	51.8	25.9	33.0
N2601-08-08-04	1/2	1/4	72.0	36.0	14.3	21.8	22.9	4.8	22	22	51.8	25.9	28.2
N2601-08-08-06	1/2	3/8	72.0	36.0	14.3	21.8	22.9	9.6	22	22	51.8	25.9	28.2
N2601-08-08-08	1/2	1/2	72.0	36.0	19.1	21.8	22.9	10.4	22	22	51.8	25.9	33.0
N2601-10-10-08	5/8	1/2	76.2	38.1	19.1	21.8	24.4	11.9	22	25	55.8	27.9	35.0
N2601-12-12-08	3/4	1/2	79.8	39.9	19.1	21.8	24.4	11.9	27	29	59.4	29.7	36.8
N2601-12-12-12	3/4	3/4	79.8	39.9	19.1	21.8	24.4	15.8	27	29	59.4	29.7	36.8
N2601-16-16-12	1	3/4	98.0	49.0	19.1	26.4	31	15.8	35	38	73.6	36.8	41.6
N2601-16-16-16	1	1	98.0	49.0	23.8	26.4	31	22.3	35	38	73.6	36.8	46.5
N2601-20-20-20	1-1/4	1-1/4	133.0	66.5	23.8	38.8	41.1	27.6	46	50	89.0	44.5	47.6
N2601-24-24-24	1-1/2	1-1/2	156.0	78.0	26.2	45.2	50.0	34.0	55	57	101.6	50.8	60.4

Female Branch Tee N2602

Tube x Tube x Female NPT Threads

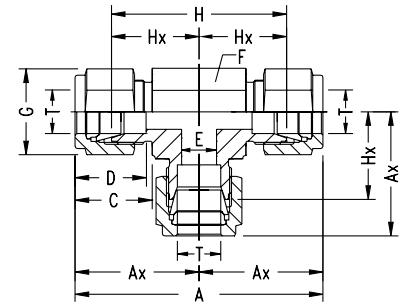


Part No.	T Tube OD	P NPT Female	A	Ax	B	C	D	E min.	F A/F	G A/F	H	Hx	Hy
N2602-02-02-02	1/8	1/8	49.2	24.6	10.4	15.3	12.7	2.4	14	11	36.0	18.0	19.0
N2602-04-04-02	1/4	1/8	53.8	26.9	10.4	17.8	15.3	4.8	14	14	39.2	19.6	19.0
N2602-04-04-04	1/4	1/4	59.4	27.9	15.0	17.8	15.3	4.8	19	14	44.8	22.4	22.4
N2602-06-06-04	3/8	1/4	62.4	31.2	15.0	19.3	16.8	7.1	16	16	47.8	23.9	22.4
N2602-06-06-06	3/8	3/8	66.6	33.3	15.0	19.3	16.8	7.1	19	16	51.8	25.9	22.4
N2602-08-08-06	1/2	3/8	72.0	36.0	15.0	21.8	22.9	10.4	19	19	51.8	25.9	22.4
N2602-08-08-08	1/2	1/2	77.8	38.9	19.8	21.8	22.9	10.4	22	22	57.4	28.7	28.5
N2602-12-12-12	3/4	3/4	89.4	44.7	20.6	21.8	24.4	15.8	35	22	69.2	34.6	31.8
N2602-16-16-12	1	3/4	98.0	49.0	20.6	26.4	31.2	22.3	35	25	73.6	36.8	31.8
N2602-16-16-16	1	1	107.2	53.6	25.4	26.4	31.2	22.3	41	38	82.8	41.4	38.1

Double-Ferrule Tube Fittings

Union Tee N2603

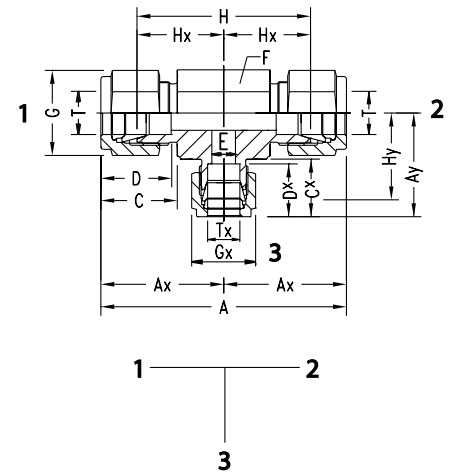
Tube x Tube x Tube



Part No.	T Tube OD	A	Ax	C	D	E min.	F A/F	G A/F	H	Hx
N2603-01-01-01	1/16	35.6	17.8	11.0	8.6	1.3	11	8	28.0	14.0
N2603-02-02-02	1/8	44.8	22.4	15.3	12.7	2.4	11	11	31.6	15.8
N2603-04-04-04	1/4	53.8	26.9	17.8	15.3	4.8	14	14	39.2	19.6
N2603-05-05-05	5/16	57.4	28.7	18.5	16.3	6.3	16	16	42.6	21.3
N2603-06-06-06	3/8	61.0	30.5	19.3	16.8	7.1	17	17	46.4	23.2
N2603-08-08-08	1/2	72.0	36.0	21.8	22.9	10.4	22	22	51.8	25.9
N2603-10-10-10	5/8	76.2	38.1	21.8	24.4	12.7	24	25	55.8	27.9
N2603-12-12-12	3/4	79.8	39.9	21.8	24.4	15.8	27	28.5	59.4	29.7
N2603-14-14-14	7/8	89.4	44.7	21.8	25.9	18.2	35	32	69.2	34.6
N2603-16-16-16	1	98.0	49.0	26.4	31.2	22.3	35	38	73.6	36.8
N2603-20-20-20	1-1/4	133.2	66.6	38.9	41.2	27.6	46	50	89.0	44.5
N2603-24-24-24	1-1/2	156.0	78.0	45.2	50.0	34.0	55	57	101.6	50.8
N2603-32-32-32	2	214.4	107.4	62.7	67.9	46.0	70	76	139.8	69.9

Reducing Union Tee N2603

Tube x Tube x Tube

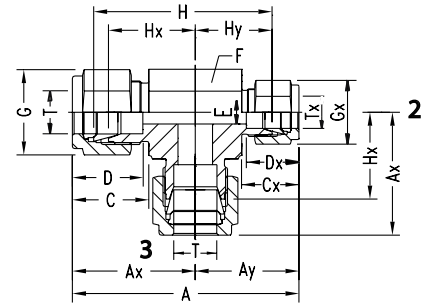


Part No.	T Tube OD	Tx Tube OD	A	Ax	Ay	C	Cx	D	Dx	E min.	F A/F	G A/F	Gx A/F	H	Hx	Hy
N2603-06-06-04	3/8	1/4	61.0	30.5	29.0	19.3	17.8	16.8	15.3	4.8	16	17	14	46.2	23.1	21.6
N2603-08-08-04	1/2	1/4	72.2	36.0	31.8	21.8	17.8	22.9	15.3	4.8	22	22	14	51.8	25.9	24.4
N2603-08-08-06	1/2	3/8	72.2	36.0	33.3	21.8	19.3	22.9	16.8	7.1	22	22	17	51.8	25.9	25.9
N2603-12-12-06	3/4	3/8	79.8	39.9	37.0	21.8	19.3	24.4	16.8	7.1	27	28.5	17	59.4	29.7	29.7
N2603-12-12-08	3/4	1/2	79.8	39.9	39.9	21.8	21.8	24.4	22.9	10.4	27	28.5	22	59.4	29.7	29.7
N2603-16-16-06	1	3/8	98.0	49.0	41.9	26.4	19.3	31.2	16.8	7.1	35	38	17	73.6	36.8	34.5
N2603-16-16-08	1	1/2	98.0	49.0	44.7	26.4	22.9	31.2	21.8	10.4	35	38	22	73.6	36.8	34.5
N2603-16-16-12	1	3/4	98.0	49.0	44.7	26.4	24.4	31.2	24.4	15.8	35	38	28.5	73.6	36.8	34.5
N2603-20-20-16	1-1/4	1	135.6	67.8	55.1	38.9	26.4	41.2	31.2	22.3	46	50	38	91.4	45.7	42.9
N2603-24-24-16	1-1/2	1	157.5	78.7	60.0	44.7	26.4	50.0	31.2	22.3	55	57	38	103.2	51.6	47.8

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Reducing Union Tee N2603 *Continued*

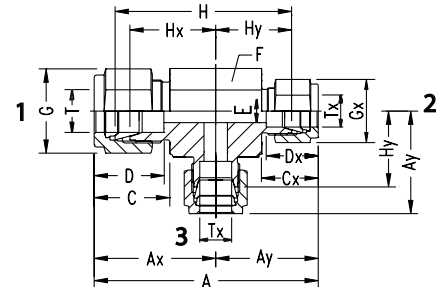
Tube x Tube x Tube



Part No.	T Tube OD	Tx Tube OD	A	Ax	Ay	C	Cx	D	Dx	E min.	F A/F	G A/F	Gx A/F	H	Hx	Hy
N2603-06-04-06	3/8	1/4	59.4	30.5	29.0	19.3	17.8	16.8	15.3	4.8	16	17	14	44.7	23.1	21.6
N2603-08-04-08	1/2	1/4	67.7	36.0	31.7	21.8	17.8	22.9	15.3	4.8	22	22	14	50.2	25.9	24.3
N2603-08-06-08	1/2	3/8	69.3	36.0	33.3	21.8	19.3	22.9	16.8	7.1	22	22	17	51.8	25.9	25.9
N2603-12-06-12	3/4	3/8	77.0	39.9	37.1	21.8	19.3	24.4	16.8	7.1	27	28.5	17	59.4	29.7	29.7
N2603-12-08-12	3/4	1/2	79.8	39.9	39.9	21.8	21.8	24.4	22.9	10.4	27	28.5	22	59.4	29.7	29.7
N2603-16-06-16	1	3/8	98.9	49.0	41.9	26.4	19.3	31.2	16.8	7.1	35	38	17	71.3	36.8	34.5
N2603-16-08-16	1	1/2	93.7	49.0	44.7	26.4	21.8	31.2	21.8	10.4	35	38	22	71.3	36.8	34.5
N2603-16-12-16	1	3/4	93.7	49.0	44.7	26.4	21.8	31.2	24.4	15.8	35	38	28.5	71.3	36.8	34.5
N2603-20-16-20	1-1/4	1	119.6	67.8	53.0	38.9	26.4	41.2	31.2	18.2	46	50	38	85.3	45.7	40.8
N2603-24-20-24	1-1/2	1	150.9	78.7	72.9	45.2	38.9	50.0	41.3	27.6	55	57	38	101.6	50.8	50.8

Reducing Union Tee N2603 *Continued*

Tube x Tube x Tube



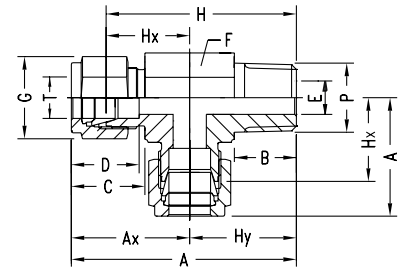
Part No.	T Tube OD	Tx Tube OD	A	Ax	Ay	C	Cx	D	Dx	E min.	F A/F	G A/F	Gx A/F	H	Hx	Hy
N2603-06-04-04	3/8	1/4	59.6	30.6	29.0	19.3	17.8	16.8	15.3	4.8	16	17	14	44.8	23.2	21.6
N2603-08-04-04	1/2	1/4	67.7	36.0	31.7	21.8	17.8	22.9	15.3	4.8	22	22	14	50.2	25.9	24.3
N2603-08-06-06	1/2	3/8	69.3	36.0	33.2	21.8	19.3	22.9	16.8	7.1	22	22	17	51.8	25.9	25.9
N2603-12-06-06	3/4	3/8	77.0	38.9	37.0	21.8	19.3	24.4	16.8	7.1	27	28.5	17	59.4	29.7	29.7
N2603-12-08-08	3/4	1/2	79.8	39.9	39.9	21.8	21.8	24.4	22.9	10.4	27	28.5	22	59.4	29.7	29.7
N2603-16-06-06	1	3/8	99.9	39.9	41.9	26.4	19.3	31.2	16.8	7.1	35	38	17	71.3	36.8	34.5
N2603-16-08-08	1	1/2	93.7	49.0	44.7	26.4	22.9	31.2	21.8	10.4	35	38	22	71.3	36.8	34.5
N2603-16-12-12	1	3/4	93.7	49.0	44.7	26.4	24.4	31.2	24.4	15.8	35	38	28.5	71.3	36.8	34.5
N2603-20-16-16	1-1/4	1	122.9	67.8	55.1	38.9	26.4	41.2	31.2	22.3	46	50	38	88.6	45.7	42.9
N2603-24-16-16	1-1/2	1	138.7	78.7	60.0	44.7	26.4	50.0	31.2	22.3	50	57	38	99.4	51.6	47.8

NOTE: The order of the sizes is as per the designation (1-2-3) in figure shown above.

Double-Ferrule Tube Fittings

Male Run Tee N2605

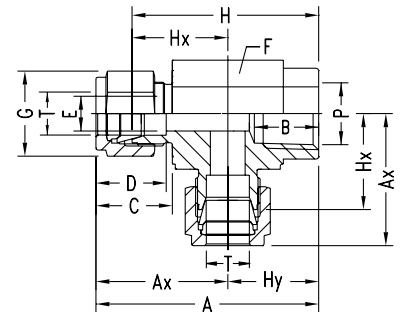
Tube x Male NPT Threads x Tube



Part No.	T Tube OD	P NPT Male	A	Ax	B	C	D	E min.	F	G A/F	H A/F	Hx	Hy
N2605-02-02-02	1/8	1/8	41.4	23.6	9.6	15.3	12.7	2.4	11	11	34.8	17.0	17.8
N2605-02-04-02	1/8	1/4	48.0	24.6	14.3	15.3	12.7	2.4	14	11	41.4	18.0	23.4
N2605-04-02-04	1/4	1/8	45.7	26.9	9.6	17.8	15.3	4.8	14	14	38.4	19.6	18.8
N2605-04-04-04	1/4	1/4	50.3	26.9	14.3	17.8	15.3	4.8	14	14	43	19.6	23.4
N2605-04-06-04	1/4	3/8	55.9	29.7	14.3	17.8	15.3	4.8	17	14	48.8	22.4	26.2
N2605-04-08-04	1/4	1/2	64.8	31.8	19.1	17.8	15.3	4.8	22	14	57.4	24.4	33.0
N2605-06-04-06	3/8	1/4	55.9	30.5	14.3	19.3	16.8	7.1	17	17	48.5	23.1	25.4
N2605-06-06-06	3/8	3/8	57.4	31.2	14.3	19.3	16.8	7.1	17	17	50.1	23.9	26.2
N2605-06-08-06	3/8	1/2	66.0	33.0	19.1	19.3	16.8	7.1	22	17	58.9	25.9	33.0
N2605-08-04-08	1/2	1/4	64.2	36.0	14.3	21.8	22.9	4.8	22	22	54.1	25.9	28.2
N2605-08-06-08	1/2	3/8	64.2	36.0	14.3	21.8	22.9	9.6	22	22	54.1	25.9	28.2
N2605-08-08-08	1/2	1/2	69.0	36.0	19.1	21.8	22.9	10.4	22	22	58.9	25.9	33.0
N2605-10-08-10	5/8	1/2	73.1	38.1	19.1	21.8	24.4	11.9	22	25	62.9	27.9	35.0
N2605-12-08-12	3/4	1/2	76.7	39.9	19.1	21.8	24.4	11.9	27	29	66.5	29.7	36.8
N2605-12-12-12	3/4	3/4	76.7	39.9	19.1	21.8	24.4	15.8	27	29	66.5	29.7	36.8
N2605-16-12-16	1	3/4	90.6	49.0	19.1	26.4	31.2	15.8	35	38	78.4	36.8	41.6
N2605-16-16-16	1	1	95.5	49.0	23.8	26.4	31.2	22.3	35	38	83.3	36.8	46.5
N2605-20-20-20	1-1/4	1-1/4	114.1	66.5	23.8	38.8	41.1	27.6	46	50	92.1	44.5	47.6
N2605-24-24-24	1-1/2	1-1/2	138.4	78.0	26.2	45.2	50.0	34.0	55	57	111.2	50.8	60.4

Female Run Tee N2606

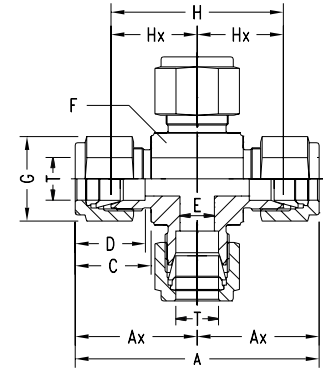
Tube x Female NPT Threads x Tube



Part No.	T Tube OD	P NPT Female	A	Ax	B	C	D	E min.	F A/F	G A/F	H	Hx	Hy
N2606-02-02-02	1/8	1/8	43.6	24.6	10.4	15.3	12.7	2.4	14	11	37.0	18.0	19.0
N2606-04-02-04	1/4	1/8	45.9	26.9	10.4	17.8	15.3	4.8	14	14	38.6	19.6	19.0
N2606-04-04-04	1/4	1/4	52.1	29.7	15.0	17.8	15.3	4.8	19	14	44.8	22.4	22.4
N2606-06-04-06	3/8	1/4	53.6	31.2	15.0	19.3	16.8	7.1	19	17	46.3	23.9	22.4
N2606-06-06-06	3/8	3/8	55.7	33.3	15.0	19.3	16.8	7.1	22	17	48.3	25.9	22.4
N2606-08-06-08	1/2	3/8	58.4	36.0	15.0	21.8	22.9	10.4	22	22	48.3	25.9	22.4
N2606-08-08-08	1/2	1/2	67.4	38.9	19.8	21.8	22.9	10.4	27	22	57.2	28.7	28.5
N2606-12-12-12	3/4	3/4	76.5	44.7	20.6	21.8	24.4	15.8	35	29	66.4	34.6	31.8
N2606-16-12-16	1	3/4	80.8	49.0	20.6	26.4	31	22.3	35	38	68.6	36.8	31.8
N2606-16-16-16	1	1	91.7	53.6	25.4	26.4	31	22.3	41	38	79.5	41.4	38.1

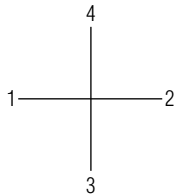
Cross N2650

Tube x Tube x Tube x Tube



Part No.	T Tube OD	A	Ax	C	D	E min.	F A/F	G A/F	H	Hx
N2650-02-02-02-02	1/8	44.8	22.4	15.3	12.7	2.4	11	11	31.6	15.8
N2650-04-04-04-04	1/4	53.8	26.9	17.8	15.3	4.8	14	14	39.2	19.6
N2650-06-06-06-06	3/8	61.0	30.5	19.3	16.8	7.1	17	17	46.4	23.2
N2650-08-08-08-08	1/2	72.0	36.0	21.8	22.9	10.4	22	22	51.8	25.9
N2650-12-12-12-12	3/4	79.8	39.9	21.8	24.4	15.8	27	28.5	59.4	29.7
N2650-16-16-16-16	1	98.0	49.0	26.4	31.2	22.3	35	38	73.6	36.8

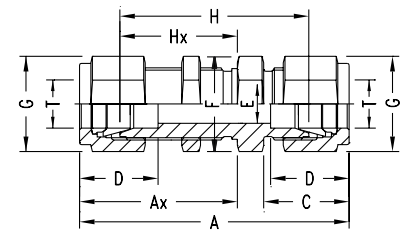
NOTE: Reducing Cross with variation in the tube sizes are available. The tube sizes are designated in the order given below.



The tube sizes are indicated in the part number in the same order above.

Bulkhead Union N2700-LN

Tube x Tube

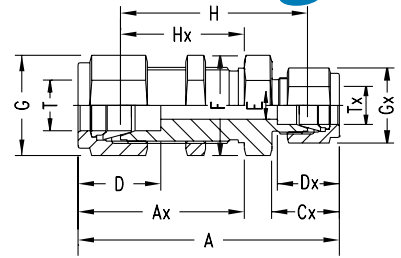


Part No.	T Tube OD	A	Ax	C	D	E min.	F A/F	G A/F	H	Hx	Panel Hole Drill Size	Max. Panel Thickness
N2700-LN-01-01	1/16	31.5	17.3	11.0	8.6	1.3	11	8	23.8	13.5	5.2	3.0
N2700-LN-02-02	1/8	51.3	31.2	15.3	12.7	2.4	11	11	38.1	24.6	8.3	12.7
N2700-LN-04-04	1/4	57.6	33.6	17.8	15.3	4.8	16	14	43.0	26.2	11.5	10.1
N2700-LN-05-05	5/16	60.7	35.8	18.5	16.3	6.3	17	16	46.0	28.5	13.0	11.1
N2700-LN-06-06	3/8	62.2	36.8	19.3	7.1	7.1	22	17	47.5	29.5	14.6	11.1
N2700-LN-08-08	1/2	71.1	41.9	21.8	22.9	10.4	24	22	50.8	31.8	19.5	12.7
N2700-LN-10-10	5/8	72.6	42.7	21.8	24.4	12.7	27	25	52.3	32.5	22.6	12.7
N2700-LN-12-12	3/4	79.0	47.5	21.8	24.4	16.0	30	28.5	58.6	37.4	25.8	16.8
N2700-LN-16-16	1	95.6	57.4	26.4	31.2	22.3	35	38	71.3	45.2	33.7	19.0
N2700-LN-20-20	1-1/4	123.2	69.9	38.9	41.2	27.6	50	50	79.0	47.7	41.6	19.0
N2700-LN-24-24	1-1/2	139.2	76.4	45.2	50.0	34.0	60	57	84.8	49.3	49.6	19.0
N2700-LN-32-32	2	180.4	93.7	62.7	67.6	46.0	70	76	105.6	56.4	67.0	19.0

Double-Ferrule Tube Fittings

Bulkhead Reducing Union N2700-LN

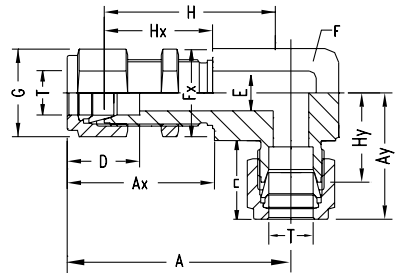
Tube X Tube



Part No.	T Tube OD	Tx Tube OD	A	Ax	Cx	D	Dx	E min.	F A/F	G A/F	Gx A/F	H	Hx	Panel Hole Drill Size	Max. Panel Thickness
N2700-LN-04-02	1/4	1/8	55.2	33.5	15.3	15.3	12.7	2.4	16	14	11	41.2	26.2	11.5	10.2
N2700-LN-06-04	3/8	1/4	60.7	36.6	17.8	16.8	15.3	4.8	22	17	14	46.0	29.5	14.6	11.2
N2700-LN-08-04	1/2	1/4	66.8	41.9	17.8	22.4	15.3	4.8	24	22	14	49.2	31.8	19.5	12.7
N2700-LN-08-06	1/2	3/8	66.8	41.9	17.8	22.4	16.8	7.1	24	22	17	49.2	31.8	19.5	12.7

Bulkhead Union Elbow N2701-LN

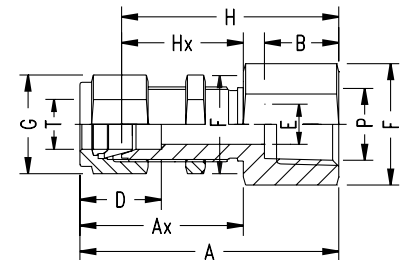
Tube X 90° Tube



Part No.	T Tube OD	A	Ax	Ay	C	D	E min.	F A/F	G A/F	H	Hx	Hy	Panel Hole Drill Size	Max. Panel Thickness
N2701-LN-02-02	1/8	43.1	31.2	22.4	15.3	12.7	2.4	11	11	36.5	24.6	15.8	8.3	12.7
N2701-LN-04-04	1/4	48.9	33.6	26.9	17.8	15.3	4.8	16	14	41.5	26.2	19.6	11.5	10.1
N2701-LN-06-06	3/8	54.1	36.8	30.5	19.3	16.8	7.1	22	17	46.8	29.5	23.2	14.6	11.1
N2701-LN-08-08	1/2	63.5	41.9	36.0	21.8	22.9	10.4	24	22	53.4	31.8	25.9	19.5	12.7
N2701-LN-12-12	3/4	75.3	47.5	39.9	21.8	24.4	16.0	30	29	65.2	37.4	29.7	25.8	16.8
N2701-LN-16-16	1	91.8	57.4	49.0	26.4	31.2	22.3	35	38	79.6	45.2	36.8	33.7	19.0

Bulkhead Female Connector N2705-LN

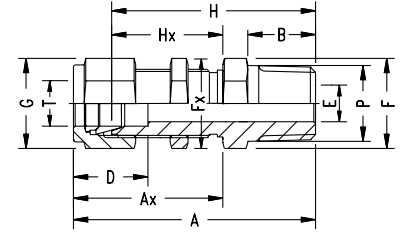
Tube x Female NPT Threads



Part No.	T Tube OD	P NPT Female	A	Ax	B	D	E min.	F A/F	G A/F	H	Hx	Panel Hole Drill Size	Max. Panel Thickness
N2705-LN-02-02	1/8	1/8	44.7	31.2	10.4	12.7	2.4	14	11	38.1	24.6	8.3	12.7
N2705-LN-04-02	1/4	1/8	47.0	33.5	10.4	15.3	4.8	16	14	39.7	26.2	11.5	10.2
N2705-LN-04-04	1/4	1/4	51.5	33.5	15.0	15.3	4.8	19	14	44.2	26.2	11.5	10.2
N2705-LN-06-04	3/8	1/4	54.8	36.8	15.0	16.8	7.1	19	17	47.5	29.5	14.7	11.2
N2705-LN-08-06	1/2	3/8	61.7	41.9	15.0	22.9	10.4	22	22	51.6	31.0	19.5	12.7
N2705-LN-08-08	1/2	1/2	66.7	41.9	19.8	22.9	10.4	27	22	56.6	31.0	19.5	12.7
N2705-LN-10-08	5/8	1/2	67.6	42.7	19.8	22.9	12.7	27	25	57.4	32.5	22.6	12.7
N2705-LN-12-12	3/4	3/4	72.4	47.5	19.8	24.4	16.0	35	28.5	62.3	37.4	25.8	16.8
N2705-LN-16-16	1	1	84.3	57.4	20.6	31.2	16.0	35	38	72.1	45.2	33.7	19.0
N2705-LN-20-20	1-1/4	1-1/4	105.7	69.9	25.4	41.2	27.6	50	50	83.5	47.7	41.6	19.0
N2705-LN-24-24	1-1/2	1-1/2	144.5	76.4	27.6	50.0	34.0	60	60	87.4	49.3	49.6	19.0

Bulkhead Male Connector N2706-LN

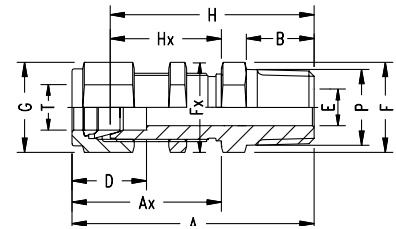
Tube x Male NPT Threads



Part No.	T Tube OD	P NPT Male	A	Ax	B	D	E min.	F A/F	G A/F	H	Hx	Panel Hole Drill Size	Max. Panel Thickness
N2706-LN-02-02	1/8	1/8	46.4	31.2	9.6	12.7	2.4	14	11	39.8	24.6	8.3	12.7
N2706-LN-04-02	1/4	1/8	49.5	33.5	9.6	15.3	4.8	16	14	42.2	26.2	11.5	10.2
N2706-LN-04-04	1/4	1/4	54.1	33.5	14.3	15.3	4.8	16	14	46.7	26.2	11.5	10.2
N2706-LN-06-04	3/8	1/4	57.4	36.8	14.3	16.8	7.1	19	17	50.0	29.5	14.7	11.2
N2706-LN-06-06	3/8	3/8	57.4	36.8	14.3	16.8	7.1	19	17	50.0	29.5	14.7	11.2
N2706-LN-06-08	3/8	1/2	63.7	36.8	19.1	16.8	7.1	22	17	56.5	29.5	14.7	11.2
N2706-LN-08-06	1/2	3/8	63.3	41.9	14.3	22.9	9.6	24	22	53.0	31.8	19.5	12.7
N2706-LN-08-08	1/2	1/2	68.8	41.9	19.1	22.9	10.4	24	22	58.8	31.8	19.5	12.7
N2706-LN-12-12	3/4	3/4	76.2	47.5	19.1	24.4	15.8	30	28.5	66.9	37.4	25.8	16.8
N2706-LN-16-16	1	1	93.2	57.4	23.9	31.2	22.3	41	38	81.0	45.2	33.7	19.0
N2706-LN-20-20	1-1/4	1-1/4	110.5	72.5	23.9	41.2	27.6	50	50	87.5	49.5	42.5	19.0
N2706-LN-24-24	1-1/2	1-1/2	122.8	79.1	26.2	50.0	34.0	60	57	95.5	51.5	50.5	19.0

Bulkhead Male Connector N2707-LN

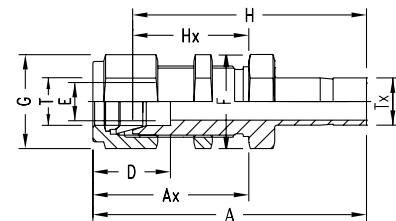
Tube x Male JIC



Part No.	T Tube OD	Tube Flare Size	A	Ax	D	ØE min.	F A/F	G A/F	H D	Hx	Male JIC	Panel Hole Drill Size	Max. Panel Thickness
N2707-LN-04-04	1/4	1/4	53.9	33.5	15.2	4.3	16	14	46.5	26.2	7/16-20	11.5	10.1
N2707-LN-06-06	3/8	3/8	57.2	36.8	16.8	7.1	19	17	49.8	29.5	9/16-18	14.7	11.1
N2707-LN-08-08	1/2	1/2	65.8	41.9	22.9	9.9	24	22	55.6	31.8	3/4-16	19.5	12.7
N2707-LN-12-12	3/4	3/4	79.0	47.5	24.4	15.5	30	28.5	68.8	37.3	1-1/16-12	25.8	16.7
N2707-LN-16-16	1	1	92.5	57.4	31.2	21.3	41	38	80.3	45.2	1-5/16-12	33.7	19.0

Bulkhead Reducer N2709-NL

Tube x Machined Tube Stub

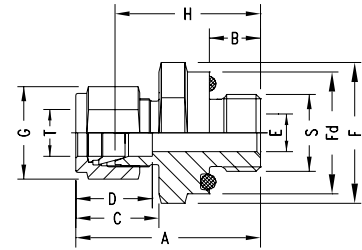


Part No.	T Tube OD	Tx Tube OD	A	Ax	D	E min.	F A/F	G A/F	H D	Hx	Panel Hole Drill Size	Max. Panel Thickness
N2709-LN-02-02	1/8	1/8	49.5	31.3	12.7	2.0	11	11	43.0	24.6	8.3	12.7
N2709-LN-04-04	1/4	1/4	55.9	33.5	15.3	4.8	16	14	48.5	26.2	11.5	10.2
N2709-LN-06-06	3/8	3/8	60.8	36.8	16.8	7.1	19	17	53.8	29.5	14.7	11.2
N2709-LN-08-08	1/2	1/2	72.9	41.9	22.9	9.9	24	22	62.7	31.8	19.5	12.7
N2709-LN-10-10	5/8	5/8	75.2	42.7	23.6	12.7	27	25	65.0	32.5	22.6	12.7
N2709-LN-16-16	1	1	100.4	57.4	31.2	20.3	35	38	88.1	45.2	33.7	19.1
N2709-LN-20-20	1-1/4	1-1/4	120.7	69.9	41.2	27.4	50	50	89.9	47.7	41.6	19.1
N2709-LN-24-24	1-1/2	1-1/2	127.2	76.4	50.0	33.0	60	60	100.1	49.3	49.6	19.1

Double-Ferrule Tube Fittings

O Seal Male Connector N6400

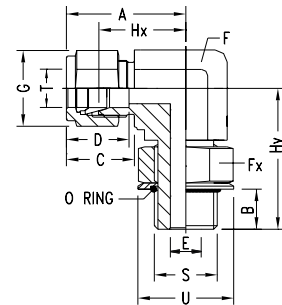
Tube x Male SAE Straight Threads



Part No.	T Tube OD	S, SAE/MS Thread	A	B	C	D	ØE min.	F A/F	G A/F	H	O Ring Part No.
N6400-02-02-0	1/8	5/16-24	30.0	7.6	15.2	12.7	2.3	11	11	23.4	2 OPU
N6400-04-04-0	1/4	7/16-20	34.0	9.1	17.8	15.2	4.8	14	14	26.7	4 OPU
N6400-04-06-0	1/4	9/16-18	35.5	9.9	17.8	15.2	4.8	17	14	28.2	6 OPU
N6400-04-08-0	1/4	3/4-16	37.6	11.2	17.8	15.2	4.8	22	14	30.2	8 OPU
N6400-04-10-0	1/4	7/8-14	40.6	12.7	17.8	15.2	4.8	25.4	14	33.3	10 OPU
N6400-05-05-0	5/16	1/2-20	34.8	9.1	18.5	16.2	6.3	16	16	27.4	5 OPU
N6400-06-04-0	3/8	7/16-20	35.5	9.1	19.3	16.8	5.1	16	17	28.2	4 OPU
N6400-06-06-0	3/8	9/16-18	37.1	9.9	19.3	16.8	7.1	17	17	29.7	6 OPU
N6400-06-08-0	3/8	3/4-16	39.1	11.2	19.3	16.8	7.1	22	17	31.7	8 OPU
N6400-06-10-0	3/8	7/8-14	42.2	12.7	19.3	16.8	7.1	25.4	17	34.8	10 OPU
N6400-08-06-0	1/2	9/16-18	39.1	9.9	21.8	22.9	7.1	22	22	29.0	6 OPU
N6400-08-08-0	1/2	3/4-16	41.9	11.2	21.8	22.9	10.4	22	22	31.7	8 OPU
N6400-08-10-0	1/2	7/8-14	45.0	12.7	21.8	22.9	10.4	25.4	22	34.8	10 OPU
N6400-08-12-0	1/2	1.1/16-12	49.0	15.0	21.8	22.9	10.4	32	22	38.8	12 OPU
N6400-10-08-0	5/8	3/4-16	41.9	11.2	21.8	24.4	10.7	24	25.4	31.7	8 OPU
N6400-10-10-0	5/8	7/8-14	45.2	12.7	21.8	24.4	12.7	25.4	25.4	35.1	10 OPU
N6400-12-08-0	3/4	3/4-16	46.0	11.2	21.8	24.4	10.7	27	28.5	35.8	8 OPU
N6400-12-12-0	3/4	1-1/16-12	49.0	15.0	21.8	24.4	15.7	32	28.5	38.9	12 OPU
N6400-14-14-0	7/8	1-3/16-12	49.0	15.0	21.8	25.9	18.3	35	32	38.9	14 OPU
N6400-16-12-0	1	1-1/16-12	53.3	15.0	26.4	31.2	16.8	35	38	41.1	12 OPU
N6400-16-16-0	1	1-5/16-12	54.4	15.0	26.4	31.2	22.3	38	38	42.2	16 OPU

90° Positionable Male Elbow N6801

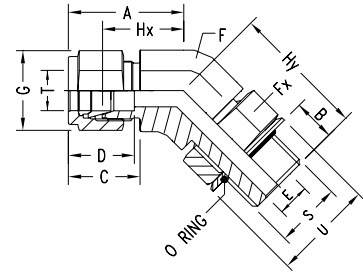
Tube X Male SAE Straight Threads



Part No.	T Tube OD	SAE/MS Thread	Ax	B	C	D	E min.	F	Fx A/F	G A/F	Hx	Hy	U	O Ring Part No.
N6801-04-04-NWO	1/4	7/16-20	28.5	9.9	17.8	15.3	4.8	14	14	14	21.0	28.5	16.5	4 OPU
N6801-04-06-NWO	1/4	9/16-18	30.5	11.2	17.8	15.3	4.8	16	17	14	23.1	32.3	20.0	6 OPU
N6801-06-06-NWO	3/8	9/16-18	32.0	11.2	19.3	16.8	7.1	16	17	17	24.6	32.3	20.0	6 OPU
N6801-06-08-NWO	3/8	3/4-16	34.8	12.7	19.3	16.8	7.1	22	22	17	27.4	37.8	25.6	8 OPU
N6801-08-08-NWO	1/2	3/4-16	37.6	12.7	21.8	22.9	10.4	22	22	22	27.4	37.8	25.6	8 OPU
N6801-10-10-NWO	5/8	7/8-14	39.6	14.3	21.8	24.4	12.7	24	25	25	29.5	43.4	29.5	10 OPU
N6801-12-12-NWO	3/4	1-1/16-12	41.4	16.8	21.8	24.4	15.8	27	32	28.5	31.2	48.8	36.6	12 OPU
N6801-14-14-NWO	7/8	1-1/16-12	43.2	16.8	21.8	25.9	18.3	30	32	32	33	50.5	40.4	14 OPU
N6801-16-16-NWO	1	1-5/16-12	50.5	16.8	26.4	31.2	22.3	35	35	38	38.4	53.6	44.0	16 OPU
N6801-20-20-NWO	1-1/4	1-5/8-12	67.8	16.8	38.9	41.2	27.6	46	50	50	45.7	58.2	54.9	20 OPU
N6801-24-24-NWO	1-1/2	1-7/8-12	78.0	16.8	45.2	50.0	34.0	50	55	60	50.8	60.4	62.5	24 OPU

45° Positionable Male Elbow N6802

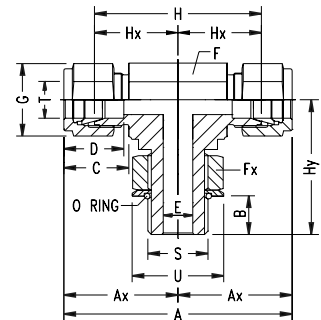
Tube X Male SAE Straight Threads



Part No.	T Tube OD	SAE/MS Male	A	B	C	D	E min.	F	Fx A/F	G A/F	Hx A/F	Hy	U	O Ring Part No.
N6802-04-04-NWO	1/4	7/16-20	25.7	9.9	17.8	15.3	4.8	14	14	14	18.3	25.6	16.5	4 OPU
N6802-06-06-NWO	3/8	9/16-18	27.9	11.2	19.3	16.8	7.1	16	17	17	20.6	28.2	20.0	6 OPU
N6802-08-08-NWO	1/2	3/4-16	32.0	12.7	21.8	22.9	10.4	22	22	22	21.8	32.3	25.7	8 OPU
N6802-12-12-NWO	3/4	1-1/16-12	39.9	16.8	21.8	24.4	15.8	27	32	28.5	29.7	47.3	36.6	12 OPU
N6802-16-16-NWO	1	1-5/16-12	47.5	16.8	26.4	31.2	19.8	35	38	38	35.3	50.6	44.0	16 OPU

Positionable Male Branch Tee N6803

Tube x Tube x Male SAE Straight Threads

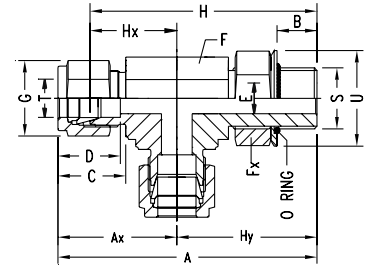


Part No.	T Tube OD	SSAE/MS Male	A	Ax	B	C	D	E min.	F A/F	Fx A/F	G A/F	H	Hx	Hy	U	O Ring Part No.
N6803-04-04-04-NWO	1/4	7/16-20	57.0	28.5	9.9	17.8	15.3	4.8	14	14	14	42.0	21.0	28.5	16.5	4 OPU
N6803-06-06-06-NWO	3/8	9/16-18	64.0	32.0	11.2	19.3	16.8	7.1	16	17	17	49.2	24.6	32.3	20.0	6 OPU
N6803-08-08-08-NWO	1/2	3/4-16	75.2	37.6	12.7	21.8	22.9	10.4	22	22	22	54.8	27.4	37.8	25.6	8 OPU
N6803-12-12-12-NWO	3/4	1-1/16-12	82.8	41.4	16.8	21.8	24	15.8	27	32	28.5	62.4	31.2	48.8	36.6	12 OPU
N6803-16-16-16-NWO	1	1-5/16-12	101.1	50.5	16.8	26.4	31.2	22.3	35	35	38	76.8	38.4	53.6	44.0	16 OPU
N6803-20-20-20-NWO	1-1/4	1-5/8-12	135.6	68	16.8	38.9	41.2	27.6	46	50	50	91.4	46	58	55	20 OPU
N6803-24-24-24-NWO	1-1/2	1-7/8-12	156.0	78.0	16.8	45.2	50.0	34.0	50	55	60	101.6	51	60	63	24 OPU

Double-Ferrule Tube Fittings

Positionable Male Run Tee N6804

Tube x Male SAE Straight Threads x Tube

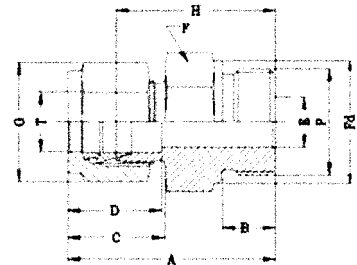


Part No.	T Tube OD	SSAE/MS Male	A	Ax	B	C	D	E min.	F A/F	Fx A/F	G A/F	H	Hx	Hy	U	O Ring Part No.
N6804-04-04-04-NWO	1/4	7/16-20	57.0	28.5	9.9	17.9	15.3	4.8	14	14	14	49.5	21.0	28.5	16.5	4 OPU
N6804-06-06-06-NWO	3/8	9/16-18	64.3	32.0	11.2	19.3	16.8	7.1	16	17	17	56.9	24.6	32.3	20.0	6 OPU
N6804-08-08-08-NWO	1/2	3/4-16	75.4	37.6	12.7	21.8	22.9	10.4	22	22	22	65.2	27.4	37.8	25.6	8 OPU
N6804-12-12-12-NWO	3/4	1-1/16-12	90.2	41.4	16.8	21.8	24.4	15.8	27	32	28.5	80.0	31.2	48.8	36.6	12 OPU
N6804-16-16-16-NWO	1	1-5/16-12	104.1	50.5	16.8	26.4	31.2	22.3	35	35	38	92.0	38.4	53.6	44.0	16 OPU
N6804-20-20-20-NWO	1-1/4	1-5/8-12	126.0	67.8	16.8	38.9	41.2	27.6	46	50	50	103.9	45.7	58.2	54.9	20 OPU
N6804-24-24-24-NWO	1-1/2	1-7/8-12	138.4	78.0	16.8	45.2	50.0	34.0	50	55	60	111.2	50.8	60.4	62.5	24 OPU

BSPB Male Connector N7002

Tube X Male BSPB Threads

BRENNAN PART NO.	T TUBE O.D.	P ISO MALE	A	B	C	D	E (min.)	F A/F	Fd	G A/F	H
N7002-02-02	1/8	1/8	30.0	7.1	15.3	12.7	2.4	14	13.7	11	23.4
N7002-02-04	1/8	1/4	35.3	11.2	15.3	12.7	2.4	19	18.0	11	28.7
N7002-04-02	1/4	1/8	32.3	7.1	17.8	15.3	4.8	14	13.7	14	24.9
N7002-04-04	1/4	1/4	37.6	11.2	17.8	15.3	4.8	19	18.0	14	30.2
N7002-06-04	3/8	1/4	39.2	11.2	19.3	16.8	5.8	19	18.0	17	31.8
N7002-06-06	3/8	3/8	40.4	11.2	19.3	16.8	7.1	22	21.8	17	33.0
N7002-06-08	3/8	1/2	46.3	14.2	19.3	16.8	7.1	27	26.0	17	38.9
N7002-08-04	1/2	1/4	42.7	11.2	21.8	22.9	5.8	22	18.0	22	32.5
N7002-08-06	1/2	3/8	43.2	11.2	21.8	22.9	7.9	22	21.8	22	33.0
N7002-08-08	1/2	1/2	49.0	14.2	21.8	22.9	10.4	27	26.0	22	38.9
N7002-08-12	1/2	3/4	52.8	15.7	21.8	22.9	10.4	35	32.0	22	42.7
N7002-12-08	3/4	1/2	49.0	14.2	21.8	24.4	11.9	27	26.0	28.5	38.9
N7002-12-12	3/4	3/4	52.8	15.7	21.8	24.4	15.8	35	32.0	28.5	42.7
N7002-12-16	3/4	1	56.4	18.3	21.8	24.4	15.8	41	39.0	28.5	45.6
N7002-16-08	1	1/2	56.9	14.2	26.4	31.2	11.9	35	26.0	38	43.7
N7002-16-12	1	3/4	57.5	15.7	26.4	31.2	15.8	35	32.0	38	45.2
N7002-16-16	1	1	60.0	18.3	26.4	31.2	19.8	41	39.0	38	47.8
N7002-20-20	1-1/4	1-1/4	78.9	19.8	38.9	41.2	25.0	50	49.0	50	55.9
N7002-24-24	1-1/2	1-1/2	90.8	22.1	45.2	50.0	31.8	60	54.7	57	63.2



PARALLEL THREADS ARE AS PER ISO-228 PART-1
#GROOVE IS AS PER DIN 3852 FORM-'G'

Brennan No.	Description	Swagelok	Parker CPI	Parker A-LOK	BI-LOK	GYROLOK	LET-LOK	Hy-Lok
N0304-01	IN PLUG	100-P	1 FNZ	1BLP1	DBA 1	1P	7121L-1/16-1/16	CPA-1
N0304-02	IN PLUG	200-P	2 FNZ	2BLP2	DBA 2	2P	7121L-1/8-1/8	CPA-2
N0304-04	IN PLUG	400-P	4 FNZ	4BLP4	DBA 4	4P	7121L-1/4-1/4	CPA-4
N0304-05	IN PLUG	500-P	5 FNZ	5BLP5	DBA 5	5P	7121L-5/16-5/16	CPA-5
N0304-06	IN PLUG	600-P	6 FNZ	6BLP6	DBA 6	6P	7121L-3/8-3/8	CPA-6
N0304-08	IN PLUG	810-P	8 FNZ	8BLP8	DBA 8	8P	7121L-1/2-1/2	CPA-8
N0304-10	IN PLUG	1010-P	10 FNZ	10BLP10	DBA 10	10P	7121L-5/8-5/8	CPA-10
N0304-12	IN PLUG	1210-P	12 FNZ	12BLP12	DBA 12	12P	7121L-3/4-3/4	CPA-12
N0304-14	IN PLUG	1410-P	14 FNZ	14BLP14	DBA 14	14P	7121L-7/8-7/8	CPA-14
N0304-16	IN PLUG	1610-P	16 FNZ	16BLP16	DBA 16	16P	7121L-1-1	CPA-16
N0304-20	IN PLUG	2000-P	20 FNZ	20BLP20	DBA 20	20P	7121L-1-1/4-1-1/4	CPA-20
N0304-24	IN PLUG	2400-P	24 FNZ	24BLP24	DBA 24	24P	7121L-1-1/2-1-1/2	CPA-24
N0304-32	IN PLUG	3200-P	32 FNZ	32BLP32	DBA 32	32P	7121L-2-2	CPA-32
N0318-01	IN NUT	102-1	1 BZ	1NU1	DNA 1	1N	761L-1/16	CN-1
N0318-02	IN NUT	202-1	2 BZ	2NU2	DNA 2	2N	761L-1/8	CN-2
N0318-04	IN NUT	402-1	4 BZ	4NU4	DNA 4	4N	761L-1/4	CN-4
N0318-05	IN NUT	502-1	5 BZ	5NU5	DNA 5	5N	761L-5/16	CN-5
N0318-06	IN NUT	602-1	6 BZ	6NU6	DNA 6	6N	761L-3/8	CN-6
N0318-08	IN NUT	812-1	8 BZ	8NU8	DNA 8	8N	761L-1/2	CN-8
N0318-10	IN NUT	1012-1	10 BZ	10NU10	DNA 10	10N	761L-5/8	CN-10
N0318-12	IN NUT	1212-1	12 BZ	12NU12	DNA 12	12N	761L-3/4	CN-12
N0318-14	IN NUT	1412-1	14 BZ	14NU14	DNA 14	14N	761L-7/8	CN-14
N0318-16	IN NUT	1612-1	16 BZ	16NU16	DNA 16	16N	761L-1	CN-16
N0318-20	IN NUT	2002-1	20 BZ	20NU20	DNA 20	20N	761L-1-1/4	CN-20
N0318-24	IN NUT	2402-1	24 BZ	24NU24	DNA 24	24N	761L-1-1/2	CN-24
N0318-32	IN NUT	3202-1	32 BZ	32NU32	DNA 32	32N	761L-2	CN-32
N0319-B-01	BACK FERRULE	104-1	NA	1BF1	DOB 1	1FR	760LB-1/16-1/16	CFB-1
N0319-B-02	BACK FERRULE	204-1	NA	2BF2	DOB 2	2FR	760LB-1/8-1/8	CFB-2
N0319-B-04	BACK FERRULE	404-1	NA	4BF4	DOB 4	4FR	760LB-1/4-1/4	CFB-4
N0319-B-05	BACK FERRULE	504-1	NA	5BF5	DOB 5	5FR	760LB-5/16-5/16	CFB-5
N0319-B-06	BACK FERRULE	604-1	NA	6BF6	DOB 6	6FR	760LB-3/8-3/8	CFB-6
N0319-B-08	BACK FERRULE	814-1	NA	8BF8	DOB 8	8FR	760LB-1/2-1/2	CFB-8
N0319-B-10	BACK FERRULE	1014-1	NA	10BF10	DOB 10	10FR	760LB-5/8-5/8	CFB-10
N0319-B-12	BACK FERRULE	1214-1	NA	12BF12	DOB 12	12FR	760LB-3/4-3/4	CFB-12
N0319-B-14	BACK FERRULE	1414-1	NA	14BF14	DOB 14	14FR	760LB-7/8-7/8	CFB-14
N0319-B-16	BACK FERRULE	1614-1	NA	16BF16	DOB 16	16FR	760LB-1-1	CFB-16
N0319-B-20	BACK FERRULE	2004-1	NA	20BF20	DOB 20	20FR	760LB-1-1/4-1-1/4	CFB-20
N0319-B-24	BACK FERRULE	2404-1	NA	24BF24	DOB 24	24FR	760LB-1-1/2-1-1/2	CFB-24
N0319-B-32	BACK FERRULE	3204-1	NA	32BF32	DOB 32	32FR	760LB-2-2	CFB-32
N0319-F-01	FRONT FERRULE	103-1	NA	1FF1	DOF 1	1FF	760LF-1/16-1/16	CFF-1
N0319-F-02	FRONT FERRULE	203-1	NA	2FF2	DOF 2	2FF	760LF-1/8-1/8	CFF-2
N0319-F-04	FRONT FERRULE	403-1	NA	4FF4	DOF 4	4FF	760LF-1/4-1/4	CFF-4
N0319-F-05	FRONT FERRULE	503-1	NA	5FF5	DOF 5	5FF	760LF-5/16-5/16	CFF-5
N0319-F-06	FRONT FERRULE	603-1	NA	6FF6	DOF 6	6FF	760LF-3/8-3/8	CFF-6
N0319-F-08	FRONT FERRULE	813-1	NA	8FF8	DOF 8	8FF	760LF-1/2-1/2	CFF-8
N0319-F-10	FRONT FERRULE	1013-1	NA	10FF10	DOF 10	10FF	760LF-5/8-5/8	CFF-10
N0319-F-12	FRONT FERRULE	1213-1	NA	12FF12	DOF 12	12FF	760LF-3/4-3/4	CFF-12
N0319-F-14	FRONT FERRULE	1413-1	NA	14FF14	DOF 14	14FF	760LF-7/8-7/8	CFF-14
N0319-F-16	FRONT FERRULE	1613-1	NA	16FF16	DOF 16	16FF	760LF-1-1	CFF-16
N0319-F-20	FRONT FERRULE	2003-1	NA	20FF20	DOF 20	20FF	760LF-1-1/4-1-1/4	CFF-20
N0319-F-24	FRONT FERRULE	2413-1	NA	24FF24	DOF 24	24FF	760LF-1-1/2-1-1/2	CFF-24
N0319-F-32	FRONT FERRULE	3213-1	NA	32FF32	DOF 32	32FF	760LF-2-2	CFF-32
N0319-S-01	FERRULE SET	100 SET	1 TZ	1ALOK -SET	DOS 1	1SF	NA	CFS-1
N0319-S-02	FERRULE SET	200 SET	2 TZ	2ALOK -SET	DOS 2	2SF	NA	CFS-2
N0319-S-04	FERRULE SET	400 SET	4 TZ	4ALOK -SET	DOS 4	4SF	NA	CFS-4
N0319-S-05	FERRULE SET	500 SET	5 TZ	5ALOK -SET	DOS 5	5SF	NA	CFS-5
N0319-S-06	FERRULE SET	600 SET	6 TZ	6ALOK -SET	DOS 6	6SF	NA	CFS-6
N0319-S-08	FERRULE SET	810 SET	8 TZ	8ALOK -SET	DOS 8	8SF	NA	CFS-8
N0319-S-10	FERRULE SET	1010 SET	10 TZ	10ALOK -SET	DOS 10	10SF	NA	CFS-10
N0319-S-12	FERRULE SET	1210 SET	12 TZ	12ALOK -SET	DOS 12	12SF	NA	CFS-12
N0319-S-14	FERRULE SET	1410 SET	14 TZ	14ALOK -SET	DOS 14	14SF	NA	CFS-14
N0319-S-16	FERRULE SET	1610 SET	16 TZ	16ALOK -SET	DOS 16	16SF	NA	CFS-16
N0319-S-20	FERRULE SET	2000 SET	20 TZ	20ALOK -SET	DOS 20	20SF	NA	CFS-20
N0319-S-24	FERRULE SET	2400 SET	24 TZ	24ALOK -SET	DOS 24	24SF	NA	CFS-24
N0319-S-32	FERRULE SET	3200 SET	32 TZ	32ALOK -SET	DOS 32	32SF	NA	CFS-32
N2402-02-02	IN-MJ	200-6-2AN	2-2 XHBZ	2XASC2	DUC 2-2	2UAN2	762LFL-1/8-1/8	CFU-2
N2402-04-04	IN-MJ	400-6-4AN	4-4 XHBZ	4XASC4	DUC 4-4	4UAN4	762LFL-1/4-1/4	CFU-4
N2402-06-06	IN-MJ	600-6-6AN	6-6 XHBZ	6XASC6	DUC 6-6	6UAN6	762LFL-3/8-3/8	CFU-6
N2402-08-08	IN-MJ	810-6-8AN	8-8 XHBZ	8XASC8	DUC 8-8	8UAN8	762LFL-1/2-1/2	CFU-8
N2402-12-12	IN-MJ	1210-6-12AN	12-12 XHBZ	12XASC12	DUC 12-12	12UAN12	762LFL-3/4-3/4	CFU-12
N2402-16-16	IN-MJ	1610-6-16AN	16-16 XHBZ	16XASC16	DUC 16-16	16UAN16	762LFL-1-1	CFU-16
N2403-01-01	IN-IN	100-6	1-1 HBZ	1SC1	DUA 1	1U	762L-1/16-1/16	CUA-1
N2403-02-01	IN-IN	200-6-1	2-1 HBZ	2SC1	DUR 2-1	2RU1	762L-1/8-1/16	CUA 2-1
N2403-02-02	IN-IN	200-6	2-2 HBZ	2SC2	DUA 2	2U	762L-1/8-1/8	CUA-2

Cross Reference Chart

Brennan No.	Description	Swagelok	Parker CPI	Parker A-LOK	BI-LOK	GYROLOK	LET-LOK	Hy-Lok
N2403-04-02	IN-IN	400-6-2	4-2 HBZ	4RU2	DUR 4-2	4RU2	763L-1/4-1/8	CUR-4-2
N2403-04-04	IN-IN	400-6	4-4 HBZ	4SC4	DUA 4	4U	762L-1/4-1/4	CUA-4
N2403-05-02	IN-IN	500-6-2	5-2 HBZ	5RU2	DUR 5-2	5RU2	763L-5/16-1/8	CUR-5-2
N2403-05-04	IN-IN	500-6-4	5-4 HBZ	5RU4	DUA 5-4	5U4	763L-5/16-1/4	CUR-5-4
N2403-05-05	IN-IN	500-6	5-5 HBZ	5SC5	DUA 5	5U	762L-5/16-5/16	CUA-5
N2403-06-02	IN-IN	600-6-2	6-2 HBZ	6RU2	DUR 6-2	6RU2	763L-3/8-1/8	CUR-6-2
N2403-06-04	IN-IN	600-6-4	6-4 HBZ	6RU4	DUR 6-4	6RU4	763L-3/8-1/4	CUR-6-4
N2403-06-06	IN-IN	600-6	6-6 HBZ	6SC6	DUA 6	6U	762L-3/8-3/8	CUA-6
N2403-08-02	IN-IN	810-6-2	8-2 HBZ	8RU2	DUR 8-2	8RU2	763L-1/2-1/8	CUR-8-2
N2403-08-04	IN-IN	810-6-4	8-4 HBZ	8RU4	DUR 8-4	8RU4	763L-1/2-1/4	CUR-8-4
N2403-08-06	IN-IN	810-6-6	8-6 HBZ	8RU6	DUR 8-6	8RU6	763L-1/2-3/8	CUR-8-6
N2403-08-08	IN-IN	810-6	8-8 HBZ	8SC8	DUA 8	8U	762L-1/2-1/2	CUA-8
N2403-10-06	IN-IN	1010-6-6	10-6 HBZ	10RU6	DUR 10-6	10RU6	763L-5/8-3/8	CUR-10-6
N2403-10-08	IN-IN	1010-6-8	10-8 HBZ	10RU8	DUR 10-8	10RU8	763L-5/8-1/2	CUR-10-8
N2403-10-10	IN-IN	1010-6	10-10 HBZ	10SC10	DUA 10	10U	762L-5/8-5/8	CUA-10
N2403-12-04	IN-IN	1210-6-4	12-4 HBZ	12RU4	DUR 12-4	12RU4	763L-3/4-1/4	CUR-12-4
N2403-12-06	IN-IN	1210-6-6	12-6 HBZ	12RU6	DUR 12-6	12RU6	763L-3/4-3/8	CUR-12-6
N2403-12-08	IN-IN	1210-6-8	12-8 HBZ	12RU8	DUR 12-8	12RU8	763L-3/4-1/2	CUR-12-8
N2403-12-12	IN-IN	1210-6	12-12 HBZ	12SC12	DUA 12	12U	762L-3/4-3/4	CUA-12
N2403-14-14	IN-IN	1410-6	14-14 HBZ	14SC14	DUA 14	14U	762L-7/8-7/8	CUA-14
N2403-16-08	IN-IN	1610-6-8	16-8 HBZ	16RU8	DUR 16-8	16RU8	763L-1-1/2	CUR-16-8
N2403-16-12	IN-IN	1610-6-12	16-12 HBZ	16RU12	DUR 16-12	16RU12	763L-1-3/4	CUR-16-12
N2403-16-16	IN-IN	1610-6	16-16 HBZ	16SC16	DUA 16	16U	762L-1-1	CUA-16
N2403-20-16	IN-IN	2000-6-20	20-16 HBZ	20RU16	DUR 20-16	20RU16	763L-1-1/4-1	NA
N2403-20-20	IN-IN	2000-6	20-20 HBZ	20SC20	DUA 20	20U	762L-1-1/4-1-1/4	CUA-20
N2403-24-20	IN-IN	2400-6-20	24-20 HBZ	24RU20	DUR 24-20	24RU20	763L-1-1/2-1-1/4	NA
N2403-24-24	IN-IN	2400-6	24-24 HBZ	24SC24	DUA 24	24U	762L-1-1/2-1-1/2	CUA-24
N2403-32-32	IN-IN	3200-6	32-32 HBZ	32SC32	DUA 32	32U	762L-2-2	CUA-32
N2404-01-01	IN-MNPT	100-1-1	1-1 FBZ	1MSC1N	DCT 1-1	1CM1	768L-1/16-1/16	CMC-1-1N
N2404-01-02	IN-MNPT	100-1-2	1-2 FBZ	1MSC2N	DCT 1-2	1CM2	768L-1/16-1/8	CMC-1-2N
N2404-02-01	IN-MNPT	200-1-1	2-1 FBZ	2MSC1N	DCT 2-1	2CM1	768L-1/8-1/16	CMC-2-1N
N2404-02-02	IN-MNPT	200-1-2	2-2 FBZ	2MSC2N	DCT 2-2	2CM2	768L-1/8-1/8	CMC-2-2N
N2404-02-04	IN-MNPT	200-1-4	2-4 FBZ	2MSC4N	DCT 2-4	2CM4	768L-1/8-1/4	CMC-2-4N
N2404-04-02	IN-MNPT	400-1-2	4-2 FBZ	4MSC2N	DCT 4-2	4CM2	768L-1/4-1/8	CMC-4-2N
N2404-04-04	IN-MNPT	400-1-4	4-4 FBZ	4MSC4N	DCT 4-4	4CM4	768L-1/4-1/4	CMC-4-4N
N2404-04-06	IN-MNPT	400-1-6	4-6 FBZ	4MSC6N	DCT 4-6	4CM6	768L-1/4-3/8	CMC-4-6N
N2404-04-08	IN-MNPT	400-1-8	4-8 FBZ	4MSC8N	DCT 4-8	4CM8	768L-1/4-1/2	CMC-4-8N
N2404-05-04	IN-MNPT	500-1-4	5-4 FBZ	5MSC4N	DCT 5-4	5CM4	768L-5/16-1/4	CMC-5-4N
N2404-06-02	IN-MNPT	600-1-2	6-2 FBZ	6MSC2N	DCT 6-2	6CM2	768L-3/8-1/8	CMC-6-2N
N2404-06-04	IN-MNPT	600-1-4	6-4 FBZ	6MSC4N	DCT 6-4	6CM4	768L-3/8-1/4	CMC-6-4N
N2404-06-06	IN-MNPT	600-1-6	6-6 FBZ	6MSC6N	DCT 6-6	6CM6	768L-3/8-3/8	CMC-6-6N
N2404-06-08	IN-MNPT	600-1-8	6-8 FBZ	6MSC8N	DCT 6-8	6CM8	768L-3/8-1/2	CMC-6-8N
N2404-08-04	IN-MNPT	810-1-4	8-4 FBZ	8MSC4N	DCT 8-4	8CM4	768L-1/2-1/4	CMC-8-4N
N2404-08-06	IN-MNPT	810-1-6	8-6 FBZ	8MSC6N	DCT 8-6	8CM6	768L-1/2-3/8	CMC-8-6N
N2404-08-08	IN-MNPT	810-1-8	8-8 FBZ	8MSC8N	DCT 8-8	8CM8	768L-1/2-1/2	CMC-8-8N
N2404-08-12	IN-MNPT	810-1-12	8-12 FBZ	8MSC12N	DCT 8-12	8CM12	768L-1/2-3/4	CMC-8-12N
N2404-08-16	IN-MNPT	810-1-16	8-16 FBZ	8MSC16N	DCT 8-16	8CM16	768L-1/2-1	CMC-8-16N
N2404-10-06	IN-MNPT	1010-1-6	10-6 FBZ	10MSC6N	DCT 10-6	10CM6	768L-5/8-3/8	CMC-10-6N
N2404-10-08	IN-MNPT	1010-1-8	10-8 FBZ	10MSC8N	DCT 10-8	10CM8	768L-5/8-1/2	CMC-10-8N
N2404-12-06	IN-MNPT	1210-1-6	12-6 FBZ	12MSC6N	DCT 12-6	12CM6	768L-3/4-3/8	CMC-12-6N
N2404-12-08	IN-MNPT	1210-1-8	12-8 FBZ	12MSC8N	DCT 12-8	12CM8	768L-3/4-1/2	CMC-12-8N
N2404-12-12	IN-MNPT	1210-1-12	12-12 FBZ	12MSC12N	DCT 12-12	12CM12	768L-3/4-3/4	CMC-12-12N
N2404-12-16	IN-MNPT	1210-1-16	12-16 FBZ	12MSC16N	DCT 12-16	12CM16	768L-3/4-1	CMC-12-16N
N2404-14-12	IN-MNPT	1410-1-12	14-12 FBZ	14MSC12N	DCT 14-12	14CM12	768L-7/8-3/4	CMC-14-12N
N2404-16-08	IN-MNPT	1610-1-8	16-8 FBZ	16MSC8N	DCT 16-8	16CM8	768L-1-1/2	CMC-16-8N
N2404-16-12	IN-MNPT	1610-1-12	16-12 FBZ	16MSC12N	DCT 16-12	16CM12	768L-1-3/4	CMC-16-12N
N2404-16-16	IN-MNPT	1610-1-16	16-16 FBZ	16MSC16N	DCT 16-16	16CM16	768L-1-1	CMC-16-16N
N2404-20-16	IN-MNPT	2000-1-16	20-16 FBZ	20MSC16N	DCT 20-16	20CM16	768L-1-1/4-1	CMC-20-16N
N2404-20-20	IN-MNPT	2000-1-20	20-20 FBZ	20MSC20N	DCT 20-20	20CM20	768L-1-1/4-1-1/4	CMC-20-20N
N2404-24-24	IN-MNPT	2400-1-24	24-24 FBZ	24MSC24N	DCT 24-24	24CM24	768L-1-1/2-1-1/2	CMC-24-24N
N2404-32-32	IN-MNPT	3200-1-32	32-32 FBZ	32MSC32N	DCT 32-32	32CM32	768L-2-2	CMC-32-32N
N2404-01-01-BT	IN-MNPT Bore Through	100-1-1BT	1-1 FH4BZ	1MTC1N	DCZ 1-1	1CMT1	768L 1/16X1/16 TC	CMCT-1-1N
N2404-01-02-BT	IN-MNPT Bore Through	100-1-2BT	1-2 FH4BZ	1MTC2N	DCZ 1-2	1CMT2	768L 1/16X1/8 TC	CMCT-1-2N
N2404-02-02-BT	IN-MNPT Bore Through	200-1-2BT	2-2 FH4BZ	2MTC2N	DCZ 2-2	2CMT2	768L -1/8X1/8 TC	CMCT-2-2N
N2404-02-04-BT	IN-MNPT Bore Through	200-1-4BT	2-4 FH4BZ	2MTC4N	DCZ 2-4	2CMT4	768L -1/8X1/4 TC	CMCT-2-4N
N2404-03-02-BT	IN-MNPT Bore Through	300-1-2BT	3-2 FH4BZ	3MTC2N	DCZ 3-2	3CMT2	768L -3/16X1/8 TC	CMCT-3-2N
N2404-03-04-BT	IN-MNPT Bore Through	300-1-4BT	3-4 FH4BZ	3MTC4N	DCZ 3-4	3CMT4	768L -3/16X1/4 TC	CMCT-3-4N
N2404-04-02-BT	IN-MNPT Bore Through	400-1-2BT	4-2 FH4BZ	4MTC2N	DCZ 4-2	4CMT2	768L -1/4X1/8 TC	CMCT-4-2N
N2404-04-04-BT	IN-MNPT Bore Through	400-1-4BT	4-4 FH4BZ	4MTC4N	DCZ 4-4	4CMT4	768L -1/4X1/4 TC	CMCT-4-4N
N2404-04-06-BT	IN-MNPT Bore Through	400-1-6BT	4-6 FH4BZ	4MTC6N	DCZ 4-6	4CMT6	768L -1/4X3/8 TC	CMCT-4-6N
N2404-04-08-BT	IN-MNPT Bore Through	400-1-8BT	4-8 FH4BZ	4MTC8N	DCZ 4-8	4CMT8	768L -1/4X1/2 TC	CMCT-4-8N
N2404-05-04-BT	IN-MNPT Bore Through	500-1-4BT	5-4 FH4BZ	5MTC4N	DCZ 5-4	5CMT4	768L -5/16X1/4 TC	CMCT-5-4N
N2404-05-08-BT	IN-MNPT Bore Through	500-1-8BT	5-8 FH4BZ	5MTC8N	DCZ 5-8	5CMT8	768L -5/16X1/2 TC	CMCT-5-8N
N2404-06-04-BT	IN-MNPT Bore Through	600-1-4BT	6-4 FH4BZ	6MTC4N	DCZ 6-4	6CMT4	768L -3/8X1/4 TC	CMCT-6-4N
N2404-06-06-BT	IN-MNPT Bore Through	600-1-6BT	6-6 FH4BZ	6MTC6N	DCZ 6-6	6CMT6	768L -3/8X3/8 TC	CMCT-6-6N

Brennan No.	Description	Swagelok	Parker CPI	Parker A-LOK	BI-LOK	GYROLOK	LET-LOK	Hy-Lok
N2404-06-08-BT	IN-MNPT Bore Through	600-1-8BT	6-8 FH4BZ	6MTC8N	DCZ 6-8	6CMT8	768L -3/8X1/2 TC	CMCT-6-8N
N2404-08-06-BT	IN-MNPT Bore Through	810-1-6BT	8-6 FH4BZ	8MTC6N	DCZ 8-6	8CMT6	768L -1/2X3/8 TC	CMCT-8-6N
N2404-08-08-BT	IN-MNPT Bore Through	810-1-8BT	8-8 FH4BZ	8MTC8N	DCZ 8-8	8CMT8	768L -1/2X1/2 TC	CMCT-8-8N
N2404-08-12-BT	IN-MNPT Bore Through	810-1-12BT	8-12 FH4BZ	8MTC12N	DCZ 8-12	8CMT12	768L -1/2X3/4 TC	CMCT-8-12N
N2404-10-08-BT	IN-MNPT Bore Through	1010-1-8BT	10-8 FH4BZ	10MTC8N	DCZ 10-8	10CMT8	768L -5/8X1/2 TC	CMCT-10-8N
N2404-10-12-BT	IN-MNPT Bore Through	1010-1-12BT	10-12 FH4BZ	10MTC12N	DCZ 10-12	10CMT12	768L -5/8X3/4 TC	CMCT-10-12N
N2404-12-06-BT	IN-MNPT Bore Through	1210-1-6BT	12-6 FH4BZ	12MTC6N	DCZ 12-6	12CMT6	768L -3/4X3/8 TC	CMCT-12-6N
N2404-12-08-BT	IN-MNPT Bore Through	1210-1-8BT	12-8 FH4BZ	12MTC8N	DCZ 12-8	12CMT8	768L -3/4X1/2 TC	CMCT-12-8N
N2404-12-12-BT	IN-MNPT Bore Through	1210-1-12BT	12-12 FH4BZ	12MTC12N	DCZ 12-12	12CMT12	768L -3/4X3/4 TC	CMCT-12-12N
N2404-12-16-BT	IN-MNPT Bore Through	1210-1-16BT	12-16 FH4BZ	12MTC16N	DCZ 12-16	12CMT16	768L -3/4X1 TC	CMCT-12-16N
N2404-14-12-BT	IN-MNPT Bore Through	1410-1-12BT	14-12 FH4BZ	14MTC12N	DCZ 14-12	14CMT12	768L -7/8X3/4 TC	CMCT-14-12N
N2404-14-16-BT	IN-MNPT Bore Through	1410-1-16BT	14-16 FH4BZ	14MTC16N	DCZ 14-16	14CMT16	768L -7/8X1 TC	CMCT-14-16N
N2404-16-12-BT	IN-MNPT Bore Through	1610-1-12BT	16-12 FH4BZ	16MTC12N	DCZ 16-12	16CMT12	768L -1X3/4 TC	CMCT-16-12N
N2404-16-16-BT	IN-MNPT Bore Through	1610-1-16BT	16-16 FH4BZ	16MTC16N	DCZ 16-16	16CMT16	768L -1X1 TC	CMCT-16-16N
N2405-01-01	IN-FNPT	100-7-1	1-1 GBZ	1FSC1N	DSA 1-1	1CF1	766L-1/16-1/16	CFC-1-1N
N2405-01-02	IN-FNPT	100-7-2	1-2 GBZ	1FSC2N	DSA 1-2	1CF2	766L-1/16-1/8	CFC-1-2N
N2405-02-02	IN-FNPT	200-7-2	2-2 GBZ	2FSC2N	DSA 2-2	2CF2	766L-1/8-1/8	CFC-2-2N
N2405-02-04	IN-FNPT	200-7-4	2-4 GBZ	2FSC4N	DSA 2-4	2CF4	766L-1/8-1/4	CFC-2-4N
N2405-04-02	IN-FNPT	400-7-2	4-2 GBZ	4FSC2N	DSA 4-2	4CF2	766L-1/4-1/8	CFC-4-2N
N2405-04-04	IN-FNPT	400-7-4	4-4 GBZ	4FSC4N	DSA 4-4	4CF4	766L-1/4-1/4	CFC-4-4N
N2405-04-06	IN-FNPT	400-7-6	4-6 GBZ	4FSC6N	DSA 4-6	4CF6	766L-1/4-3/8	CFC-4-6N
N2405-04-08	IN-FNPT	400-7-8	4-8 GBZ	4FSC8N	DSA 4-8	4CF8	766L-1/4-1/2	CFC-4-8N
N2405-05-02	IN-FNPT	500-7-2	5-2 GBZ	5FSC2N	DSA 5-2	5CF2	766L-5/16-1/8	CFC-5-2N
N2405-05-04	IN-FNPT	500-7-4	5-4 GBZ	5FSC4N	DSA 5-4	5CF4	766L-5/16-1/4	CFC-5-4N
N2405-06-02	IN-FNPT	600-7-2	6-2 GBZ	6FSC2N	DSA 6-2	6CF2	766L-3/8-1/8	CFC-6-2N
N2405-06-04	IN-FNPT	600-7-4	6-4 GBZ	6FSC4N	DSA 6-4	6CF4	766L-3/8-1/4	CFC-6-4N
N2405-06-06	IN-FNPT	600-7-6	6-6 GBZ	6FSC6N	DSA 6-6	6CF6	766L-3/8-3/8	CFC-6-6N
N2405-06-08	IN-FNPT	600-7-8	6-8 GBZ	6FSC8N	DSA 6-8	6CF8	766L-3/8-1/2	CFC-6-8N
N2405-08-04	IN-FNPT	810-7-4	8-4 GBZ	8FSC4N	DSA 8-4	8CF4	766L-1/2-1/4	CFC-8-4N
N2405-08-06	IN-FNPT	810-7-6	8-6 GBZ	8FSC6N	DSA 8-6	8CF6	766L-1/2-3/8	CFC-8-6N
N2405-08-08	IN-FNPT	810-7-8	8-8 GBZ	8FSC8N	DSA 8-8	8CF8	766L-1/2-1/2	CFC-8-8N
N2405-08-12	IN-FNPT	810-7-12	8-12 GBZ	8FSC12N	DSA 8-12	8CF12	766L-1/2-3/4	CFC-8-12N
N2405-10-06	IN-FNPT	1010-7-6	10-6 GBZ	10FSC6N	DSA 10-6	10CF6	766L-5/8-3/8	CFC-10-6N
N2405-10-08	IN-FNPT	1010-7-8	10-8 GBZ	10FSC8N	DSA 10-8	10CF8	766L-5/8-1/2	CFC-10-8N
N2405-12-08	IN-FNPT	1210-7-8	12-8 GBZ	12FSC8N	DSA 12-8	12CF8	766L-3/4-1/2	CFC-12-8N
N2405-12-12	IN-FNPT	1210-7-12	12-12 GBZ	12FSC12N	DSA 12-12	12CF12	766L-3/4-3/4	CFC-12-12N
N2405-14-12	IN-FNPT	1410-7-12	14-12 GBZ	14FSC12N	DSA 14-12	14CF12	766L-7/8-3/4	CFC-14-12N
N2405-16-12	IN-FNPT	1610-7-12	16-12 GBZ	16FSC12N	DSA 16-12	16CF12	766L-1-3/4	CFC-16-12N
N2405-16-16	IN-FNPT	1610-7-16	16-16 GBZ	16FSC16N	DSA 16-16	16CF16	766L-1-1	CFC-16-16N
N2405-20-20	IN-FNPT	2000-7-20	20-20 GBZ	20FSC20N	DSA 20-20	20CF20	766L-1-1/4-1-1/4	CFC-20-20N
N2405-24-24	IN-FNPT	2400-7-24	24-24 GBZ	24FSC24N	DSA 24-24	24CF24	766L-1-1/2-1-1/2	CFC-24-24N
N2406-02-02	TUBE RED	200-R-2	2-2 TRBZ	2TUR2	DRE 2-2	2R2	767LT-1/8-1/8	CR-2-2
N2406-02-04	TUBE RED	200-R-4	4-2 TRBZ	4TUR2	DRE 2-4	2R4	767LT-1/8-1/4	CR-2-4
N2406-04-02	TUBE RED	400-R-2	2-4 TRBZ	2TUR4	DRE 4-2	4R2	767LT-1/4-1/8	CR-4-2
N2406-04-04	TUBE RED	400-R-4	4-4 TRBZ	4TUR4	DRE 4-4	4R4	767LT-1/4-1/4	CR-4-4
N2406-04-06	TUBE RED	400-R-6	6-4 TRBZ	6TUR4	DRE 4-6	4R6	767LT-1/4-3/8	CR-4-6
N2406-04-08	TUBE RED	400-R-8	8-4 TRBZ	8TUR4	DRE 4-8	4R8	767LT-1/4-1/2	CR-4-8
N2406-05-06	TUBE RED	500-R-6	6-5 TRBZ	6TUR5	DRE 5-6	5R6	767LT-5/16-3/8	CR-5-6
N2406-05-08	TUBE RED	500-R-8	8-5 TRBZ	8TUR5	DRE 5-8	5R8	767LT-5/16-1/2	CR-5-8
N2406-06-04	TUBE RED	600-R-4	4-6 TRBZ	4TUR6	DRE 6-4	6R4	767LT-3/8-1/4	CR-6-4
N2406-06-06	TUBE RED	600-R-6	6-6 TRBZ	6TUR6	DRE 6-6	6R6	767LT-3/8-3/8	CR-6-6
N2406-06-08	TUBE RED	600-R-8	8-6 TRBZ	8TUR6	DRE 6-8	6R8	767LT-3/8-1/2	CR-6-8
N2406-08-04	TUBE RED	810-R-4	4-8 TRBZ	4TUR8	DRE 8-4	8R4	767LT-1/2-1/4	CR-8-4
N2406-08-06	TUBE RED	810-R-6	6-8 TRBZ	6TUR8	DRE 8-6	8R6	767LT-1/2-3/8	CR-8-6
N2406-08-08	TUBE RED	810-R-8	8-8 TRBZ	8TUR8	DRE 8-8	8R8	767LT-1/2-1/2	CR-8-8
N2406-08-12	TUBE RED	810-R-12	12-8 TRBZ	12TUR8	DRE 8-12	8R12	767LT-1/2-3/4	CR-8-12
N2406-08-16	TUBE RED	810-R-16	16-8 TRBZ	16TUR8	DRE 8-16	8R16	767LT-1/2-1	CR-8-16
N2406-10-12	TUBE RED	1010-R-12	12-10 TRBZ	12TUR10	DRE 10-12	10R12	767LT-5/8-3/4	CR-10-12
N2406-10-14	TUBE RED	1010-R-14	14-10 TRBZ	14TUR10	DRE 10-14	10R14	767LT-5/8-7/8	CR-10-14
N2406-12-08	TUBE RED	1210-R-8	8-12 TRBZ	8TUR12	DRE 12-8	12R8	767LT-3/4-1/2	CR-12-8
N2406-12-16	TUBE RED	1210-R-16	16-12 TRBZ	16TUR12	DRE 12-16	12R16	767LT-3/4-1	CR-12-16
N2406-16-08	TUBE RED	1610-R-8	8-16 TRBZ	8TUR16	DRE 16-8	16R8	767LT-1-3/8	CR-16-8
N2406-16-20	TUBE RED	1610-R-20	20-16 TRBZ	20TUR16-SS	DRE 16-20	16R20	767LT-1-1-1/4	CR-16-20
N2406-16-24	TUBE RED	1610-R-24	24-16 TRBZ	24TUR16-SS	DRE 16-24	16R24	767LT-1-1/1/2	CR-16-24
N2408-01	IN CAP	100-C	1 PNBZ	1BLEN1	DCA 1	1CP	7108L-1/16-1/16	CCA-1
N2408-02	IN CAP	200-C	2 PNBZ	2BLEN2	DCA 2	2CP	7108L-1/8-1/8	CCA-2
N2408-04	IN CAP	400-C	4 PNBZ	4BLEN4	DCA 4	4CP	7108L-1/4-1/4	CCA-4
N2408-05	IN CAP	500-C	5 PNBZ	5BLEN5	DCA 5	5CP	7108L-5/16-5/16	CCA-5
N2408-06	IN CAP	600-C	6 PNBZ	6BLEN6	DCA 6	6CP	7108L-3/8-3/8	CCA-6
N2408-08	IN CAP	810-C	8 PNBZ	8BLEN8	DCA 8	8CP	7108L-1/2-1/2	CCA-8
N2408-10	IN CAP	1010-C	10 PNBZ	10BLEN10	DCA 10	10CP	7108L-5/8-5/8	CCA-10
N2408-12	IN CAP	1210-C	12 PNBZ	12BLEN12	DCA 12	12CP	7108L-3/4-3/4	CCA-12
N2408-14	IN CAP	1410-C	14 PNBZ	14BLEN14	DCA 14	14CP	7108L-7/8-7/8	CCA-14
N2408-16	IN CAP	1610-C	16 PNBZ	16BLEN16	DCA 16	16CP	7108L-1-1	CCA-16
N2408-20	IN CAP	2000-C	20 PNBZ	20BLEN20	DCA 20	20CP	7108L-1-1/4-1-1/4	CCA-20

Cross Reference Chart

Brennan No.	Description	Swagelok	Parker CPI	Parker A-LOK	BI-LOK	GYROLOK	LET-LOK	Hy-Lok
N2408-24	IN CAP	2400-C	24 PNBZ	24BLEN24	DCA 24	24CP	7108L-1-1/2-1/1/2	CCA-24
N2408-32	IN CAP	3200-C	32 PNBZ	32BLEN32	DCA 32	32CP	7108L-2-2	CCA-32
N2425-02-02	IN-BW	200-1-2W	2-1/8 ZHBW2	2-1/8 ZHLW2-SS	DCB 2-2	2CBW2	768LN-1/8-1/8	CWC-2-2P
N2425-04-02	IN-BW	400-1-2W	4-1/8 ZHBW2	4-1/8 ZHLW2-SS	DCB 4-2	4CBW2	768LN-1/4-1/4	CWC-4-2P
N2425-04-04	IN-BW	400-1-4W	4-1/4 ZHBW2	4-1/4 ZHLW2-SS	DCB 4-4	4CBW4	768LN-1/4-1/4	CWC-4-4P
N2425-05-02	IN-BW	500-1-2W	5-1/8 ZHBW2	5-1/8 ZHLW2-SS	DCB 5-2	5CBW2	768LN-5/16-1/8	CWC-5-2P
N2425-05-04	IN-BW	500-1-4W	5-1/4 ZHBW2	5-1/4 ZHLW2-SS	DCB 5-4	5CBW4	768LN-5/16-1/4	CWC-5-4P
N2425-06-04	IN-BW	600-1-4W	6-1/4 ZHBW2	6-1/4 ZHLW2-SS	DCB 6-4	6CBW4	768LN-3/8-1/4	CWC-6-4P
N2425-06-06	IN-BW	600-1-6W	6-3/8 ZHBW2	6-3/8 ZHLW2-SS	DCB 6-6	6CBW6	768LN-3/8-3/8	CWC-6-6P
N2425-06-08	IN-BW	600-1-8W	6-1/2 ZHBW2	6-1/2 ZHLW2-SS	DCB 6-8	6CBW8	768LN-3/8-1/2	CWC-6-8P
N2425-08-06	IN-BW	810-1-6W	8-3/8 ZHBW2	8-3/8 ZHLW2-SS	DCB 8-6	8CBW6	768LN-1/2-3/8	CWC-8-6P
N2425-08-08	IN-BW	810-1-8W	8-1/2 ZHBW2	8-1/2 ZHLW2-SS	DCB 8-8	8CBW8	768LN-1/2-1/2	CWC-8-8P
N2425-08-12	IN-BW	810-1-12W	8-3/4 ZHBW2	8-3/4 ZHLW2-SS	DCB 8-12	8CBW12	768LN-1/2-3/4	CWC-8-12P
N2425-10-08	IN-BW	1010-1-8W	10-1/2 ZHBW2	10-1/2 ZHLW2-SS	DCB 10-8	10CBW8	768LN-5/8-1/2	CWC-10-8P
N2425-12-12	IN-BW	1210-1-12W	12-3/4 ZHBW2	12-3/4 ZHLW2-SS	DCB 12-12	12CBW12	768LN-3/4-3/4	CWC-12-12P
N2425-16-16	IN-BW	1610-1-16W	16-1 ZHBW2	16-1 ZHLW2-SS	DCB 16-16	16CBW16	768LN-1-1	CWC-16-16P
N2425-20-20	IN-BW	2000-1-20W	20-1-1/4 ZHBW2	20-1-1/4 ZHLW2-SS	DCB 20-20	20CBW20	768LN-1-1/4-1-1/4	CWC-20-20P
N2425-24-24	IN-BW	2400-1-24W	24-1-1/2 ZHBW2	24-1-1/2 ZHLW2-SS	DCB 24-24	24CBW24	768LN-1-1/2-1/1/2	CWC-24-24P
N2426-02-02	IN-SW	200-6-2W	2-2 ZHBW	2-2 Z-SSHLW-SS	DCW 2	2CW2	768LW-1/8-1/8	CSWC-2-2
N2426-04-04	IN-SW	400-6-4W	4-4 ZHBW	4-4 Z-SSHLW-SS	DCW 4	4CW4	768LW-1/4-1/4	CSWC-4-4
N2426-06-06	IN-SW	600-6-6W	6-6 ZHBW	6-6 Z-SSHLW-SS	DCW 6	6CW6	768LW-3/8-3/8	CSWC-6-6
N2426-08-08	IN-SW	810-6-8W	8-8 ZHBW	8-8 Z-SSHLW-SS	DCW 8	8CW8	768LW-1/2-1/2	CSWC-8-8
N2426-12-12	IN-SW	1210-6-12W	12-12 ZHBW	12-12 Z-SSHLW-SS	DCW 12	12CW12	768LW-3/4-3/4	CSWC-12-12
N2426-16-16	IN-SW	1610-6-16W	16-16 ZHBW	16-16 Z-SSHLW-SS	DCW 16	16CW16	768LW-1-1	CSWC-16-16
N2426-20-20	IN-SW	2000-6-20W	20-20 ZHBW	20-20 Z-SSHLW-SS	DCW 20	20CW20	768LW-1-1/4-1-1/4	CSWC-20-20
N2426-24-24	IN-SW	2400-6-20W	24-24 ZHBW	24-24 Z-SSHLW-SS	DCW 24	24CW24	768LW-1-1/2-1/1/2	CSWC-24-24
N2427-04-04	AN-STDPIPE	4-TA-1-4AN	NA	NA	NA	NA	NA	CAMF-4-4
N2427-06-06	AN-STDPIPE	6-TA-1-6AN	NA	NA	NA	NA	NA	CAMF-6-6
N2427-08-08	AN-STDPIPE	8-TA-1-8AN	NA	NA	NA	NA	NA	CAMF-8-8
N2427-12-12	AN-STDPIPE	12-TA-1-12AN	NA	NA	NA	NA	NA	CAMF-12-12
N2427-16-16	AN-STDPIPE	16-TA-1-16AN	NA	NA	NA	NA	NA	CAMF-16-16
N2428-02-02	MNPT-STDPIPE	2-TA-1-2	2-2 T2HF	2MA2N	DHA 2-2	2AM2	739LM-1/8-1/8	CAM-2-2N
N2428-02-04	MNPT-STDPIPE	2-TA-1-4	2-4 T2HF	2MA4N	DHA 2-4	2AM4	739LM-1/8-1/4	CAM-2-4N
N2428-03-02	MNPT-STDPIPE	3-TA-1-2	3-2 T2HF	3MA2N	DHA 3-2	3AM2	739LM-3/16-1/8	NA
N2428-03-04	MNPT-STDPIPE	3-TA-1-4	3-4 T2HF	3MA4N	DHA 3-4	3AM4	739LM-3/16-1/4	NA
N2428-04-02	MNPT-STDPIPE	4-TA-1-2	4-2 T2HF	4MA2N	DHA 4-2	4AM2	739LM-1/4-1/8	CAM-4-2N
N2428-04-04	MNPT-STDPIPE	4-TA-1-4	4-4 T2HF	4MA4N	DHA 4-4	4AM4	739LM-1/4-1/4	CAM-4-4N
N2428-04-06	MNPT-STDPIPE	4-TA-1-6	4-6 T2HF	4MA6N	DHA 4-6	4AM6	739LM-1/4-3/8	CAM-4-6N
N2428-04-08	MNPT-STDPIPE	4-TA-1-8	4-8 T2HF	4MA8N	DHA 4-8	4AM8	739LM-1/4-1/2	CAM-4-8N
N2428-05-04	MNPT-STDPIPE	5-TA-1-4	5-4 T2HF	5MA4N	DHA 5-4	5AM4	739LM-5/16-1/4	CAM-5-4N
N2428-06-04	MNPT-STDPIPE	6-TA-1-4	6-4 T2HF	6MA4N	DHA 6-4	6AM4	739LM-3/8-1/4	CAM-6-4N
N2428-06-06	MNPT-STDPIPE	6-TA-1-6	6-6 T2HF	6MA6N	DHA 6-6	6AM6	739LM-3/8-3/8	CAM-6-6N
N2428-06-08	MNPT-STDPIPE	6-TA-1-8	6-8 T2HF	6MA8N	DHA 6-8	6AM8	739LM-3/8-1/2	CAM-6-8N
N2428-08-04	MNPT-STDPIPE	8-TA-1-4	8-4 T2HF	8MA4N	DHA 8-4	8AM4	739LM-1/2-1/4	CAM-8-4N
N2428-08-06	MNPT-STDPIPE	8-TA-1-6	8-6 T2HF	8MA6N	DHA 8-6	8AM6	739LM-1/2-3/8	CAM-8-6N
N2428-08-08	MNPT-STDPIPE	8-TA-1-8	8-8 T2HF	8MA8N	DHA 8-8	8AM8	739LM-1/2-1/2	CAM-8-8N
N2428-10-08	MNPT-STDPIPE	10-TA-1-8	10-8 T2HF	10MA8N	DHA 10-8	10AM8	739LM-5/8-1/2	CAM-10-8N
N2428-12-08	MNPT-STDPIPE	12-TA-1-8	12-8 T2HF	12MA8N	DHA 12-8	12AM8	739LM-3/4-1/2	CAM-12-8N
N2428-12-12	MNPT-STDPIPE	12-TA-1-12	12-12 T2HF	12MA12N	DHA 12-12	12AM12	739LM-3/4-3/4	CAM-12-12N
N2428-16-12	MNPT-STDPIPE	16-TA-1-12	16-12 T2HF	16MA12N	DHA 16-12	16AM12	739LM-1-3/4	CAM-16-12N
N2428-16-16	MNPT-STDPIPE	16-TA-1-16	16-16 T2HF	16MA16N	DHA 16-16	16AM16	739LM-1-1	CAM-16-16N
N2428-20-20	MNPT-STDPIPE	20-TA-1-20	20-20 T2HF	20MA20N	DHA 20-20	20AM20	739LM-1-1/4-1-1/4	CAM-20-20N
N2428-24-24	MNPT-STDPIPE	24-TA-1-24	24-24 T2HF	24MA24N	DHA 24-24	24AM24	739LM-1-1/2-1/1/2	CAM-24-24N
N2429-02-02	MORB-STDPIPE	2-TA-1-2ST	2-2 T2HOA	2M2TU2	NA	NA	NA	CAOS-2-2U
N2429-04-04	MORB-STDPIPE	4-TA-1-4ST	4-4 T2HOA	4M2TU4	NA	NA	NA	CAOS-4-4U
N2429-06-04	MORB-STDPIPE	6-TA-1-4ST	6-4 T2HOA	6M2TU4	NA	NA	NA	CAOS-6-4U
N2429-06-06	MORB-STDPIPE	6-TA-1-6ST	6-6 T2HOA	6M2TU6	NA	NA	NA	CAOS-6-6U
N2429-08-08	MORB-STDPIPE	8-TA-1-8ST	8-8 T2HOA	8M2TU8	NA	NA	NA	CAOS-8-8U
N2429-12-12	MORB-STDPIPE	12-TA-1-12ST	12-12 T2HOA	12M2TU12	NA	NA	NA	CAOS-12-12U
N2429-16-16	MORB-STDPIPE	16-TA-1-16ST	16-16 T2HOA	16M2TU16	NA	NA	NA	CAOS-16-16U
N2429-20-20	MORB-STDPIPE	20-TA-1-20ST	20-20 T2HOA	20M2TU20	NA	NA	NA	CAOS-20-20U
N2429-24-24	MORB-STDPIPE	24-TA-1-24ST	24-24 T2HOA	24M2TU24	NA	NA	NA	CAOS-24-24U
N2430-02-02	FNPT-STDPIPE	2-TA7-2	2-2 T2HG	2FA2N	DHC 2-2	2FA2	739LF-1/8-1/8	CAF-2-2N
N2430-02-04	FNPT-STDPIPE	2-TA7-4	2-4 T2HG	2FA4N	DHC 2-4	2FA4	739LF-1/8-1/4	CAF-2-4N
N2430-04-02	FNPT-STDPIPE	4-TA7-2	4-2 T2HG	4FA2N	DHC 4-2	4FA2	739LF-1/4-1/8	CAF-4-2N
N2430-04-04	FNPT-STDPIPE	4-TA7-4	4-4 T2HG	4FA4N	DHC 4-4	4FA4	739LF-1/4-1/4	CAF-4-4N
N2430-04-06	FNPT-STDPIPE	4-TA7-6	4-6 T2HG	4FA6N	DHC 4-6	4FA6	739LF-1/4-3/8	CAF-4-6N
N2430-04-08	FNPT-STDPIPE	4-TA7-8	4-8 T2HG	4FA8N	DHC 4-8	4FA8	739LF-1/4-1/2	CAF-4-8N
N2430-05-04	FNPT-STDPIPE	5-TA7-4	5-4 T2HG	5FA4N	DHC 5-4	5FA4	739LF-5/16-1/4	CAF-5-4N
N2430-06-04	FNPT-STDPIPE	6-TA7-4	6-4 T2HG	6FA4N	DHC 6-4	6FA4	739LF-3/8-1/4	CAF-6-4N
N2430-06-06	FNPT-STDPIPE	6-TA7-6	6-6 T2HG	6FA6N	DHC 6-6	6FA6	739LF-3/8-3/8	CAF-6-6N
N2430-06-08	FNPT-STDPIPE	6-TA7-8	6-8 T2HG	6FA8N	DHC 6-8	6FA8	739LF-3/8-1/2	CAF-6-8N
N2430-08-04	FNPT-STDPIPE	8-TA7-4	8-4 T2HG	8FA4N	DHC 8-4	8FA4	739LF-1/2-1/4	CAF-8-4N
N2430-08-06	FNPT-STDPIPE	8-TA7-6	8-6 T2HG	8FA6N	DHC 8-6	8FA6	739LF-1/2-3/8	CAF-8-6N
N2430-08-08	FNPT-STDPIPE	8-TA7-8	8-8 T2HG	8FA8N	DHC 8-8	8FA8	739LF-1/2-1/2	CAF-8-8N

Brennan No.	Description	Swagelok	Parker CPI	Parker A-LOK	BI-LOK	GYROLOK	LET-LOK	Hy-Lok
N2430-10-08	FNPT-STDPIPE	10-TA7-8	10-8 T2HG	10FA8N	DHC 10-8	10AF8	739LF-5/8-1/2	CAF-10-8N
N2430-12-08	FNPT-STDPIPE	12-TA7-8	12-8 T2HG	12FA8N	DHC 12-8	12AF8	739LF-3/4-1/2	CAF-12-8N
N2430-12-12	FNPT-STDPIPE	12-TA7-12	12-12 T2HG	12FA12N	DHC 12-12	12AF12	739LF-3/4-3/4	CAF-12-12N
N2430-12-16	FNPT-STDPIPE	12-TA7-16	12-16 T2HG	12FA16N	DHC 12-16	12AF16	739LF-3/4-1	CAF-12-16N
N2430-16-12	FNPT-STDPIPE	16-TA7-16	16-16 T2HG	16FA16N	DHC 16-16	16AF16	739LF-1-1	CAF-16-16N
N2430-16-16	FNPT-STDPIPE	16-TA7-12	16-12 T2HG	16FA12N	DHC 16-12	16AF12	739LF-1-3/4	CAF-16-12N
N2430-20-20	FNPT-STDPIPE	20-TA7-20	20-20 T2HG	20FA20N	DHC 20-20	20AF20	739LF-1-1/4-1-1/4	CAF-20-20N
N2430-24-24	FNPT-STDPIPE	24-TA7-24	24-24 T2HG	24FA24N	DHC 24-24	24AF24	739LF-1-1/2-1-1/2	CAF-24-24N
N2431-04-04	FGA-STDPIPE	4-TA-7-4RG	NA	NA	NA	NA	NA	CAF-4-4G
N2431-06-06	FGA-STDPIPE	6-TA-7-6RG	NA	NA	NA	NA	NA	CAF-6-6G
N2431-08-08	FGA-STDPIPE	8-TA-7-8RG	NA	NA	NA	NA	NA	CAF-8-8G
N2440-02-02	FERR-STDPIPE	201-PC	2-2 ZPC	2PC2	DPC 2	2PC	767LP-1/8	CPC-2
N2440-04-02	FERR-STDPIPE	401-PC-2	2-4 ZPC	2PC4	DPC 4-2	4PC2	767LM-1/4-1/8	CPR-4-2
N2440-04-04	FERR-STDPIPE	401-PC	4-4 ZPC	4PC4	DPC 4	4PC	767LP-1/4	CPC-4
N2440-06-02	FERR-STDPIPE	601-PC-2	2-6 ZPC	2PC6	DPC 6-2	6PC2	767LM-3/8-1/8	CPR-6-2
N2440-06-04	FERR-STDPIPE	601-PC-4	4-6 ZPC	4PC6	DPC 6-4	6PC4	767LM-3/8-1/4	CPR-6-4
N2440-06-06	FERR-STDPIPE	601-PC	6-6 ZPC	6PC6	DPC 6	6PC	767LP-3/8	CPC-6
N2440-08-04	FERR-STDPIPE	811-PC-4	4-8 ZPC	4PC8	DPC 8-4	8PC4	767LM-1/2-1/4	CPR-8-4
N2440-08-08	FERR-STDPIPE	811-PC	8-8 ZPC	8PC8	DPC 8	8PC	767LP-1/2	CPC-8
N2440-12-08	FERR-STDPIPE	1211-PC-8	8-12 ZPC	8PC12	DPC 12-8	12PC8	767LM-3/4-1/2	CPR-12-8
N2440-12-12	FERR-STDPIPE	1211-PC	12-12 ZPC	12PC12	DPC 12	12PC	767LP-3/4	CPC-12
N2440-16-08	FERR-STDPIPE	1611-PC-8	8-16 ZPC	8PC16	DPC 16-8	16PC8	767LM-1-1/2	CPR-16-8
N2440-16-12	FERR-STDPIPE	1611-PC-12	12-16 ZPC	12PC16	DPC 16-12	16PC12	767LM-1-3/4	CPR-16-12
N2440-16-16	FERR-STDPIPE	1611-PC	16-16 ZPC	16PC16	DPC 16	16PC	767LP-1	CPC-16
N2500-01-01	IN-IN 90	100-9	1-1 EBZ	1EE1	DLA 1	1LU	765L-1/16-1/16	CLA-1
N2500-02-02	IN-IN 90	200-9	2-2 EBZ	2EE2	DLA 2	2LU	765L-1/8-1/8	CLA-2
N2500-04-04	IN-IN 90	400-9	4-4 EBZ	4EE4	DLA 4	4LU	765L-1/4-1/4	CLA-4
N2500-05-05	IN-IN 90	500-9	5-5 EBZ	5EE5	DLA 5	5LU	765L-5/16-5/16	CLA-5
N2500-06-06	IN-IN 90	600-9	6-6 EBZ	6EE6	DLA 6	6LU	765L-3/8-3/8	CLA-6
N2500-08-08	IN-IN 90	810-9	8-8 EBZ	8EE8	DLA 8	8LU	765L-1/2-1/2	CLA-8
N2500-10-10	IN-IN 90	1010-9	10-10 EBZ	10EE10	DLA 10	10LU	765L-5/8-5/8	CLA-10
N2500-12-12	IN-IN 90	1210-9	12-12 EBZ	12EE12	DLA 12	12LU	765L-3/4-3/4	CLA-12
N2500-14-14	IN-IN 90	1410-9	14-14 EBZ	14EE14	DLA 14	14LU	765L-7/8-7/8	CLA-14
N2500-16-16	IN-IN 90	1610-9	16-16 EBZ	16EE16	DLA 16	16LU	765L-1-1	CLA-16
N2500-20-20	IN-IN 90	2000-9	20-20 EBZ	20EE20	DLA 20	20LU	765L-1-1/4-1-1/4	CLA-20
N2500-24-24	IN-IN 90	2400-9	24-24 EBZ	24EE24	DLA 24	24LU	765L-1-1/2-1-1/2	CLA-24
N2500-32-32	IN-IN 90	3200-9	32-32 EBZ	32EE32	DLA 32	32LU	765L-2-2	CLA-32
N2501-01-01	IN-MNPT 90	100-2-1	1-1 CBZ	1MSEL1N	DLN 1-1	1LM1	769L-1/16-1/16	CLMA-1-1N
N2501-01-02	IN-MNPT 90	100-2-2	1-2 CBZ	1MSEL2N	DLN 1-2	1LM2	769L-1/16-1/8	CLMA-1-2N
N2501-02-02	IN-MNPT 90	200-2-2	2-2 CBZ	2MSEL2N	DLN 2-2	2LM2	769L-1/8-1/8	CLMA-2-2N
N2501-02-04	IN-MNPT 90	200-2-4	2-4 CBZ	2MSEL4N	DLN 2-4	2LM4	769L-1/8-1/4	CLMA-2-4N
N2501-04-02	IN-MNPT 90	400-2-2	4-2 CBZ	4MSEL2N	DLN 4-2	4LM2	769L-1/4-1/8	CLMA-4-2N
N2501-04-04	IN-MNPT 90	400-2-4	4-4 CBZ	4MSEL4N	DLN 4-4	4LM4	769L-1/4-1/4	CLMA-4-4N
N2501-04-06	IN-MNPT 90	400-2-6	4-6 CBZ	4MSEL6N	DLN 4-6	4LM6	769L-1/4-3/8	CLMA-4-6N
N2501-04-08	IN-MNPT 90	400-2-8	4-8 CBZ	4MSEL8N	DLN 4-8	4LM8	769L-1/4-1/2	CLMA-4-8N
N2501-05-04	IN-MNPT 90	500-2-4	5-4 CBZ	5MSEL4N	DLN 5-4	5LM4	769L-5/16-1/4	CLMA-5-4N
N2501-06-02	IN-MNPT 90	600-2-2	6-2 CBZ	6MSEL2N	DLN 6-2	6LM2	769L-3/8-1/8	CLMA-6-2N
N2501-06-04	IN-MNPT 90	600-2-4	6-4 CBZ	6MSEL4N	DLN 6-4	6LM4	769L-3/8-1/4	CLMA-6-4N
N2501-06-06	IN-MNPT 90	600-2-6	6-6 CBZ	6MSEL6N	DLN 6-6	6LM6	769L-3/8-3/8	CLMA-6-6N
N2501-06-08	IN-MNPT 90	600-2-8	6-8 CBZ	6MSEL8N	DLN 6-8	6LM8	769L-3/8-1/2	CLMA-6-8N
N2501-08-04	IN-MNPT 90	810-2-4	8-4 CBZ	8MSEL4N	DLN 8-4	8LM4	769L-1/2-1/4	CLMA-8-4N
N2501-08-06	IN-MNPT 90	810-2-6	8-6 CBZ	8MSEL6N	DLN 8-6	8LM6	769L-1/2-3/8	CLMA-8-6N
N2501-08-08	IN-MNPT 90	810-2-8	8-8 CBZ	8MSEL8N	DLN 8-8	8LM8	769L-1/2-1/2	CLMA-8-8N
N2501-08-12	IN-MNPT 90	810-2-12	8-12 CBZ	8MSEL12N	DLN 8-12	8LM12	769L-1/2-3/4	CLMA-8-12N
N2501-10-08	IN-MNPT 90	1010-2-8	10-8 CBZ	10MSEL8N	DLN 10-8	10LM8	769L-5/8-1/2	CLMA-10-8N
N2501-12-08	IN-MNPT 90	1210-2-8	12-8 CBZ	12MSEL8N	DLN 12-8	12LM8	769L-3/4-1/2	CLMA-12-8N
N2501-12-12	IN-MNPT 90	1210-2-12	12-12 CBZ	12MSEL12N	DLN 12-12	12LM12	769L-3/4-3/4	CLMA-12-12N
N2501-14-12	IN-MNPT 90	1410-2-12	14-12 CBZ	14MSEL12N	DLN 14-12	14LM12	769L-7/8-3/4	CLMA-14-12N
N2501-16-12	IN-MNPT 90	1610-2-12	16-12 CBZ	16MSEL12N	DLN 16-12	16LM12	769L-1-3/4	CLMA-16-12N
N2501-16-16	IN-MNPT 90	1610-2-16	16-16 CBZ	16MSEL16N	DLN 16-16	16LM16	769L-1-1	CLMA-16-16N
N2501-20-20	IN-MNPT 90	2000-2-20	20-20 CBZ	20MSEL20N	DLN 20-20	20LM20	769L-1-1/4-1-1/4	CLMA-20-20N
N2501-24-24	IN-MNPT 90	2400-2-24	24-24 CBZ	24MSEL24N	DLN 24-24	24LM24	769L-1-1/2-1-1/2	CLMA-24-24N
N2501-32-32	IN-MNPT 90	3200-2-32	32-32 CBZ	32MSEL32N	DLN 32-32	32LM32	769L-2-2	CLMA-32-32N
N2502-02-02	IN-FNPT 90	200-8-2	2-2 DBZ	2FEL2N	DLF 2-2	2LF2	770L-1/8-1/8	CLF-2-2N
N2502-02-04	IN-FNPT 90	200-8-4	2-4 DBZ	2FEL4N	DLF 2-4	2LF4	770L-1/8-1/4	CLF-2-4N
N2502-04-02	IN-FNPT 90	400-8-2	4-2 DBZ	4FEL2N	DLF 4-2	4LF2	770L-1/4-1/8	CLF-4-2N
N2502-04-04	IN-FNPT 90	400-8-4	4-4 DBZ	4FEL4N	DLF 4-4	4LF4	770L-1/4-1/4	CLF-4-4N
N2502-04-06	IN-FNPT 90	400-8-6	4-6 DBZ	4FEL6N	DLF 4-6	4LF6	770L-1/4-3/8	CLF-4-6N
N2502-04-08	IN-FNPT 90	400-8-8	4-8 DBZ	4FEL8N	DLF 4-8	4LF8	770L-1/4-1/2	CLF-4-8N
N2502-05-02	IN-FNPT 90	500-8-2	5-2 DBZ	5FEL2N	DLF 5-2	5LF2	770L-5/16-1/8	CLF-5-2N
N2502-05-04	IN-FNPT 90	500-8-4	5-4 DBZ	5FEL4N	DLF 5-4	5LF4	770L-5/16-1/4	CLF-5-4N
N2502-06-02	IN-FNPT 90	600-8-2	6-2 DBZ	6FEL2N	DLF 6-2	6LF2	770L-3/8-1/8	CLF-6-2N
N2502-06-04	IN-FNPT 90	600-8-4	6-4 DBZ	6FEL4N	DLF 6-4	6LF4	770L-3/8-1/4	CLF-6-4N
N2502-06-06	IN-FNPT 90	600-8-6	6-6 DBZ	6FEL6N	DLF 6-6	6LF6	770L-3/8-3/8	CLF-6-6N
N2502-06-08	IN-FNPT 90	600-8-8	6-8 DBZ	6FEL8N	DLF 6-8	6LF8	770L-3/8-1/2	CLF-6-8N

Cross Reference Chart

Brennan No.	Description	Swagelok	Parker CPI	Parker A-LOK	BI-LOK	GYROLOK	LET-LOK	Hy-Lok
N2502-08-04	IN-FNPT 90	810-8-4	8-4 DBZ	8FEL4N	DLF 8-4	8LF4	770L-1/2-1/4	CLF-8-4N
N2502-08-06	IN-FNPT 90	810-8-6	8-6 DBZ	8FEL6N	DLF 8-6	8LF6	770L-1/2-3/8	CLF-8-6N
N2502-08-08	IN-FNPT 90	810-8-8	8-8 DBZ	8FEL8N	DLF 8-8	8LF8	770L-1/2-1/2	CLF-8-8N
N2502-10-06	IN-FNPT 90	1010-8-6	10-6 DBZ	10FEL6N	DLF 10-6	10LF6	770L-5/8-3/8	CLF-10-6N
N2502-10-08	IN-FNPT 90	1010-8-8	10-8 DBZ	10FEL8N	DLF 10-8	10LF8	770L-5/8-1/2	CLF-10-8N
N2502-12-08	IN-FNPT 90	1210-8-8	12-8 DBZ	12FEL8N	DLF 12-8	12LF8	770L-3/4-1/2	CLF-12-8N
N2502-12-12	IN-FNPT 90	1210-8-12	12-12 DBZ	12FEL12N	DLF 12-12	12LF12	770L-3/4-3/4	CLF-12-12N
N2502-14-12	IN-FNPT 90	1410-8-12	14-12 DBZ	14FEL12N	DLF 14-12	14LF12	770L-7/8-3/4	CLF-14-12N
N2502-16-12	IN-FNPT 90	1610-8-12	16-12 DBZ	16FEL12N	DLF 16-12	16LF12	770L-1-3/4	CLF-16-12N
N2502-16-16	IN-FNPT 90	1610-8-16	16-16 DBZ	16FEL16N	DLF 16-16	16LF16	770L-1-1	CLF-16-16N
N2503-04-02	IN-MNPT 45	400-5-2	4-2 VBZ	4MVEL2N	NA	4LMF2	NA	CLMB-4-2N
N2503-04-04	IN-MNPT 45	400-5-4	4-4 VBZ	4MVEL4N	NA	4LMF4	NA	CLMB-4-4N
N2503-06-02	IN-MNPT 45	600-5-2	6-2 VBZ	6MVEL2N	NA	6LMF2	NA	CLMB-6-2N
N2503-06-04	IN-MNPT 45	600-5-4	6-4 VBZ	6MVEL4N	NA	6LMF4	NA	CLMB-6-4N
N2503-06-06	IN-MNPT 45	600-5-6	6-6 VBZ	6MVEL6N	NA	6LMF6	NA	CLMB-6-6N
N2503-08-06	IN-MNPT 45	810-5-6	8-6 VBZ	8MVEL6N	NA	8LMF6	NA	CLMB-8-6N
N2503-08-08	IN-MNPT 45	810-5-8	8-8 VBZ	8MVEL8N	NA	8LMF8	NA	CLMB-8-8N
N2503-12-12	IN-MNPT 45	1210-5-12	12-12 VBZ	12MVEL12N	NA	12LMF12	NA	CLMB-12-12N
N2503-16-16	IN-MNPT 45	1610-5-16	16-16 VBZ	16MVEL16N	NA	16LMF16	NA	CLMB-16-16N
N2525-04-02	IN-BW 90	400-2-BW	2-1/8 ZEBW2	4-1/8 Z-SSELW2-SS	DLB 4-2	4LBW2	769LN-1/4-1/8	CLW-2-2P
N2525-04-04	IN-BW 90	400-2-4W	4-1/4 ZEBW2	4-1/4 Z-SSELW2-SS	DLB 4-4	4LBW4	769LN-1/4-1/4	CLW-4-4P
N2525-06-04	IN-BW 90	600-2-4W	6-1/4 ZEBW2	6-1/4 Z-SSELW2-SS	DLB 6-4	6LBW4	769LN-3/8-1/4	CLW-6-4P
N2525-08-08	IN-BW 90	810-2-8W	8-1/2 ZEBW2	8-1/2 Z-SSELW2-SS	DLB 8-8	8LBW8	769LN-1/2-1/2	CLW-8-8P
N2525-12-12	IN-BW 90	1210-2-12W	12-3/4 ZEBW2	12-3/4 Z-SSELW2-SS	DLB 12-12	12LBW12	769LN-3/4-3/4	CLW-12-12P
N2525-16-16	IN-BW 90	1610-2-16W	16-1 ZEBW2	16-1 Z-SSELW2-SS	DLB 16-16	16LBW16	769LN-1-1	CLW-16-16P
N2525-20-20	IN-BW 90	2000-2-20W	20-1-1/4 ZEBW2	20-1-1/4 Z-SSELW2-SS	DLB 20-20	20LBW20	769LN-1-1/4-1-1/4	CLW-20-20P
N2525-24-24	IN-BW 90	2400-2-24W	24-1/2 ZEBW2	24-1-1/2 Z-SSELW2-SS	DLB 24-24	24LBW24	769LN-1-1/2-1/1/2	CLW-24-24P
N2526-04-04	IN-SW 90	400-9-4W	4-4 ZEBW	4-4 Z-SSELW-SS	DLW 4-4	4LW4	769LN-1/4-1/4	CLSW-4-4
N2526-06-06	IN-SW 90	600-9-6W	6-6 ZEBW	6-6 Z-SSELW-SS	DLW 6-6	6LW6	769LN-3/8-3/8	CLSW-6-6
N2526-08-08	IN-SW 90	810-9-8W	8-8 ZEBW	8-8 Z-SSELW-SS	DLW 8-8	8LW8	769LN-1/2-1/2	CLSW-8-8
N2526-12-12	IN-SW 90	1210-9-12W	12-12 ZEBW	12-12 Z-SSELW-SS	DLW 12-12	12LW12	769LN-3/4-3/4	CLSW-12-12
N2526-16-16	IN-SW 90	1610-9-16W	16-16 ZEBW	16-16 Z-SSELW-SS	DLW 16-16	16LW16	769LN-1-1	CLSW-16-16
N2526-20-20	IN-SW 90	2000-9-20W	20-20 ZEBW	20-20 Z-SSELW-SS	DLW 20-20	20LW20	769LN-1-1/4-1-1/4	CLSW-20-20
N2526-24-24	IN-SW 90	2400-9-24W	24-24 ZEBW	24-24 Z-SSELW-SS	DLW 24-24	24LW24	769LN-1-1/2-1/1/2	CLSW-24-24
N2601-02-02-02	IN-IN-MNPT	200-3TTM	2-2-2 SBZ	2MBT2N	DTN 2-2	2TTM2	772L-1/8-1/8	CBTM-2-2N
N2601-02-02-04	IN-IN-MNPT	200-3-4TTM	2-2-4 SBZ	2MBT4N	DTN 2-4	2TTM4	772L-1/8-1/4	CBTM-2-4N
N2601-04-04-02	IN-IN-MNPT	400-3TTM	4-4-2 SBZ	4MBT2N	DTN 4-2	4TTM2	772L-1/4-1/8	CBTM-4-2N
N2601-04-04-04	IN-IN-MNPT	400-3-4TTM	4-4-4 SBZ	4MBT4N	DTN 4-4	4TTM4	772L-1/4-1/4	CBTM-4-4N
N2601-04-04-06	IN-IN-MNPT	400-3-6TTM	4-4-6 SBZ	4MBT6N	DTN 4-6	4TTM6	772L-1/4-3/8	CBTM-4-6N
N2601-04-04-08	IN-IN-MNPT	400-3-8TTM	4-4-8 SBZ	4MBT8N	DTN 4-8	4TTM8	772L-1/4-1/2	CBTM-4-8N
N2601-06-06-04	IN-IN-MNPT	600-3-4TTM	6-6-4 SBZ	6MBT4N	DTN 6-4	6TTM4	772L-3/8-1/4	CBTM-6-4N
N2601-06-06-06	IN-IN-MNPT	600-3-6TTM	6-6-6 SBZ	6MBT6N	DTN 6-6	6TTM6	772L-3/8-3/8	CBTM-6-6N
N2601-06-06-08	IN-IN-MNPT	600-3-8TTM	6-6-8 SBZ	6MBT8N	DTN 6-8	6TTM8	772L-3/8-1/2	CBTM-6-8N
N2601-08-08-04	IN-IN-MNPT	810-3-4TTM	8-8-4 SBZ	8MBT4N	DTN 8-4	8TTM4	772L-1/2-1/4	CBTM-8-4N
N2601-08-08-06	IN-IN-MNPT	810-3-6TTM	8-8-6 SBZ	8MBT6N	DTN 8-6	8TTM6	772L-1/2-3/8	CBTM-8-6N
N2601-08-08-08	IN-IN-MNPT	810-3-8TTM	8-8-8 SBZ	8MBT8N	DTN 8-8	8TTM8	772L-1/2-1/2	CBTM-8-8N
N2601-10-10-08	IN-IN-MNPT	1010-3TTM	10-10-8 SBZ	10MBT8N	DTN 10-8	10TTM8	772L-5/8-1/2	CBTM-10-8N
N2601-12-12-08	IN-IN-MNPT	1210-3-8TTM	12-12-8 SBZ	12MBT8N	DTN 12-8	12TTM8	772L-3/4-1/2	CBTM-12-8N
N2601-12-12-12	IN-IN-MNPT	1210-3TTM	12-12-12 SBZ	12MBT12N	DTN 12-12	12TTM12	772L-3/4-3/4	CBTM-12-12N
N2601-16-16-12	IN-IN-MNPT	1610-3-12TTM	16-16-12 SBZ	16MBT12N	DTN 16-12	16TTM12	772L-1-3/4	CBTM-16-12N
N2601-16-16-16	IN-IN-MNPT	1610-3TTM	16-16-16 SBZ	16MBT16N	DTN 16-16	16TTM16	772L-1-1	CBTM-16-16N
N2601-20-20-20	IN-IN-MNPT	2000-3-20TTM	20-20-20 SBZ	20MBT20N	DTN 20-20	20TTM20	772L-1-1/4-1-1/4	CBTM-20-20N
N2601-24-24-24	IN-IN-MNPT	2400-3-24TTM	24-24-24 SBZ	24MBT24N	DTN 24-24	24TTM24	772L-1-1/2-1-1/4	CBTM-24-24N
N2602-02-02-02	IN-IN-FNPT	200-3TTF	2-2-2 OBZ	2FBT2N	DTH 2-2	2TTF2	772LF-1/8-1/8	CBTF-2-2N
N2602-04-04-02	IN-IN-FNPT	400-3TTF	4-4-2 OBZ	4FBT2N	DTH 4-2	4TTF2	772LF-1/4-1/8	CBTF-4-2N
N2602-04-04-04	IN-IN-FNPT	400-3-4TTF	4-4-4 OBZ	4FBT4N	DTH 4-4	4TTF4	772LF-1/4-1/4	CBTF-4-4N
N2602-06-06-04	IN-IN-FNPT	600-3TTF	6-6-4 OBZ	6FBT4N	DTH 6-4	6TTF4	772LF-3/8-1/4	CBTF-6-4N
N2602-06-06-06	IN-IN-FNPT	600-3-6TTF	6-6-6 OBZ	6FBT6N	DTH 6-6	6TTF6	772LF-3/8-3/8	CBTF-6-6N
N2602-08-08-06	IN-IN-FNPT	810-3TTF	8-8-6 OBZ	8FBT6N	DTH 8-6	8TTF6	772LF-1/2-3/8	CBTF-8-6N
N2602-08-08-08	IN-IN-FNPT	810-3-8TTF	8-8-8 OBZ	8FBT8N	DTH 8-8	8TTF8	772LF-1/2-1/2	CBTF-8-8N
N2602-12-12-12	IN-IN-FNPT	1210-3TTF	12-12-12 OBZ	12FBT12N	DTH 12-12	12TTF12	772LF-3/4-3/4	CBTF-12-12N
N2602-16-16-12	IN-IN-FNPT	1610-3TTF	16-16-12 OBZ	16FBT12N	DTH 16-12	16TTF12	772LF-1-3/4	CBTF-16-12N
N2602-16-16-16	IN-IN-FNPT	1610-3-16TTF	16-16-16 OBZ	16FBT16N	DTH 16-16	16TTF16	772LF-1-1	CBTF-16-16N
N2603-02-02-02	IN-IN-IN	200-3	2-2-2 JBZ	2ET2	DTA 2	2TTT	764L-1/8	CTA-2
N2603-04-04-04	IN-IN-IN	400-3	4-4-4 JBZ	4ET4	DTA 4	4TTT	764L-1/4	CTA-4
N2603-05-05-05	IN-IN-IN	500-3	5-5-5 JBZ	5ET5	DTA 5	5TTT	764L-5/16	CTA-5
N2603-06-04-04	IN-IN-IN	600-3-4-4	6-4-4 JBZ	6-4-4 JLZ-SS	DTR 6-4-4	6TTT4BR4	764LR-3/8-1/4-1/4	CTR-6-4-4
N2603-06-04-06	IN-IN-IN	600-3-4-6	6-4-6 JBZ	6-4-6 JLZ-SS-SS	DTR 6-4-6	6TTT4BR6	764LR-3/8-1/4-3/8	CTR-6-4-6
N2603-06-06-04	IN-IN-IN	600-3-6-4	6-6-4 JBZ	6-6-4 JLZ-SS-SS	DTR 6-6-4	6TTT6BR4	764LR-3/8-3/8-1/4	CTR-6-6-4
N2603-06-06-06	IN-IN-IN	600-3	6-6-6 JBZ	6ET6	DTA 6	6TTT	764L-3/8	CTA-6
N2603-08-04-04	IN-IN-IN	810-3-4-4	8-4-4 JBZ	8-4-4 JLZ-SS-SS	DTR 8-4-4	8TTT4BR4	764LR-1/2-1/4-1/4	CTR-8-4-4
N2603-08-04-08	IN-IN-IN	810-3-4-8	8-4-8 JBZ	8-4-8 JLZ-SS-SS	DTR 8-4-8	8TTT4BR8	764LR-1/2-1/4-1/2	CTR-8-4-8
N2603-08-06-06	IN-IN-IN	810-3-6-6	8-6-6 JBZ	8-6-6 JLZ-SS-SS	DTR 8-6-6	8TTT6BR6	764LR-1/2-3/8-3/8	CTR-8-6-6
N2603-08-06-08	IN-IN-IN	810-3-6-8	8-6-8 JBZ	8-6-8 JLZ-SS-SS	DTR 8-6-8	8TTT6BR8	764LR-1/2-3/8-1/2	CTR-8-6-8
N2603-08-08-04	IN-IN-IN	810-3-8-4	8-8-4 JBZ	8-8-4 JLZ-SS-SS	DTR 8-8-4	8TTT8BR4	764LR-1/2-1/2-1/4	CTR-8-8-4

Brennan No.	Description	Swagelok	Parker CPI	Parker A-LOK	BI-LOK	GYROLOK	LET-LOK	Hy-Lok
N2603-08-08-06	IN-IN-IN	810-3-8-6	8-8-6 JBZ	8-8-6 JLZ-SS-SS	DTR 8-8-6	8TTTB6	764LR-1/2-1/2-3/8	CTR-8-8-6
N2603-08-08-08	IN-IN-IN	810-3	8-8-8 JBZ	8-8-8 JBZ	DTA 8	8TTT	764L-1/2	CTA-8
N2603-10-10-10	IN-IN-IN	1010-3	10-10-10 JBZ	10 ET10	DTA 10	10TTT	764L-5/8	CTA-10
N2603-12-06-06	IN-IN-IN	1210-3-6-6	12-6-6 JBZ	12-6-6 JLZ-SS-SS	DTR 12-6-6	12TTT6BR16	764LR-3/4-3/8-3/8	CTR-12-6-6
N2603-12-06-12	IN-IN-IN	1210-3-6-12	12-6-12 JBZ	12-6-12 JLZ-SS-SS	DTR 12-6-12	12TTT6BR12	764LR-3/4-3/8-3/4	CTR-12-6-12
N2603-12-08-08	IN-IN-IN	1210-3-8-8	12-8-8 JBZ	12-8-8 JLZ-SS-SS	DTR 12-8-8	12TTT8BR8	764LR-3/4-1/2-1/2	CTR-12-8-8
N2603-12-08-12	IN-IN-IN	1210-3-8-12	12-8-12 JBZ	12-8-12 JLZ-SS-SS	DTR 12-8-12	12TTT8R12	764LR-3/4-1/2-3/4	CTR-12-8-12
N2603-12-12-06	IN-IN-IN	1210-3-12-6	12-12-6 JBZ	12-12-6 JLZ-SS-SS	DTR 12-12-6	12TTTB6	764LR-3/4-3/4-3/8	CTR-12-12-6
N2603-12-12-08	IN-IN-IN	1210-3-12-8	12-12-8 JBZ	12-12-8 JLZ-SS-SS	DTR 12-12-8	12TTTB8	764LR-3/4-3/4-1/2	CTR-12-12-8
N2603-12-12-12	IN-IN-IN	1210-3	12-12-12 JBZ	12ET12	DTA 12	12TTT	764L-3/4	CTA-12
N2603-16-06-06	IN-IN-IN	1610-3-6-6	16-6-6 JBZ	16-6-6 JLZ-SS-SS	DTR 16-6-6	16TTT6BR6	764LR-1-3/8-3/8	CTR-16-6-6
N2603-16-06-16	IN-IN-IN	1610-3-6-16	16-6-16 JBZ	16-6-16 JLZ-SS-SS	DTR 16-6-16	16TTT6BR16	764LR-1-3/8-1	CTR-16-6-16
N2603-16-08-08	IN-IN-IN	1610-3-8-8	16-8-8 JBZ	16-8-8 JLZ-SS-SS	DTR 16-8-8	16TTT8BR8	764LR-1-1/2-1/2	CTR-16-8-8
N2603-16-08-16	IN-IN-IN	1610-3-8-16	16-8-16 JBZ	16-8-16 JLZ-SS-SS	DTR 16-8-16	16TTT8BR16	764LR-1-1/2-1	CTR-16-8-16
N2603-16-12-12	IN-IN-IN	1610-3-12-12	16-12-12 JBZ	16-12-12 JLZ-SS-SS	DTR 16-12-12	16TTT12BR12	764LR-1-3/4-3/4	CTR-16-12-12
N2603-16-12-16	IN-IN-IN	1610-3-12-16	16-12-16 JBZ	16-12-16 JLZ-SS-SS	DTR 16-12-16	16TTT12BR16	764LR-1-3/4-1	CTR-16-12-16
N2603-16-16-06	IN-IN-IN	1610-3-16-6	16-16-6 JBZ	16-16-6 JLZ-SS-SS	DTR 16-16-6	16TTTB6	764LR-1-1-3/8	CTR-16-16-6
N2603-16-16-08	IN-IN-IN	1610-3-16-8	16-16-8 JBZ	16-16-8 JLZ-SS-SS	DTR 16-16-8	16TTTB8	764LR-1-1-1/2	CTR-16-16-8
N2603-16-16-12	IN-IN-IN	1610-3-16-12	16-16-12 JBZ	16-16-12 JLZ-SS-SS	DTR 16-16-12	16TTTB12	764LR-1-1-3/4	CTR-16-16-12
N2603-16-16-16	IN-IN-IN	1610-3	16-16-16 JBZ	16ET16	DTA 16	16TTT	764L-1	CTA-16
N2603-20-16-16	IN-IN-IN	2000-3-16-16	20-16-16 JBZ	20-16-16 JLZ-SS-SS	DTR 20-16-16	20TTT16BR16	764LR-1 1/4-1-1	CTR-20-16-16
N2603-20-16-20	IN-IN-IN	2000-3-16-20	20-16-20 JBZ	20-16-20 JLZ-SS-SS	DTR 20-16-20	20TTT16BR20	764LR-1 1/4-1-1/80	CTR-20-16-20
N2603-20-20-16	IN-IN-IN	2000-3-20-16	20-20-16 JBZ	20-20-16 JLZ-SS-SS	DTR 20-20-16	20TTTB16	764LR-1 1/4-1-1/4-1	CTR-20-20-16
N2603-20-20-20	IN-IN-IN	2000-3	20-20-20 JBZ	20ET20	DTA 20	20TTT	764L-1 1/4	CTA-20
N2603-24-16-16	IN-IN-IN	2400-3-16-16	24-16-16 JBZ	24-16-16 JLZ-SS-SS	DTR 24-16-16	24TTT16BR16	764LR-1 1/2-1-1	CTR-24-16-16
N2603-24-16-24	IN-IN-IN	2400-3-16-24	24-16-24 JBZ	24-16-24 JLZ-SS-SS	DTR 24-16-24	24TTT16BR24	764LR-1 1/2-1-1 1/4	NA
N2603-24-24-16	IN-IN-IN	2400-3-16-16	24-24-16 JBZ	24-24-16 JLZ-SS-SS	DTR 24-24-16	24TTTB16	764LR-1 1/2 1/1/2-1	CTR-24-24-16
N2603-24-24-24	IN-IN-IN	2400-3	24-24-24 JBZ	24ET24	DTA 24	24TTT	764L-1 1/2	CTA-24
N2603-32-32-32	IN-IN-IN	3200-3	32-32-32 JBZ	32ET32	DTA 32	32TTT	764L-2	CTA-32
N2605-02-02-02	IN-MNPT-IN	200-3TMT	2-2-2 RBZ	2MRT2N	DTK 2-2	2TMT2	771L-1/8-1/8	CRIM-2-2N
N2605-02-04-02	IN-MNPT-IN	200-3-4TMT	2-4-2 RBZ	2MRT4N	DTK 2-4	2TMT4	771L-1/8-1/4	CRIM-2-4N
N2605-04-02-04	IN-MNPT-IN	400-3TMT	4-2-4 RBZ	4MRT2N	DTK 4-2	4TMT2	771L-1/4-1/8	CRIM-4-2N
N2605-04-04-04	IN-MNPT-IN	400-3-4TMT	4-4-4 RBZ	4MRT4N	DTK 4-4	4TMT4	771L-1/4-1/4	CRIM-4-4N
N2605-04-06-04	IN-MNPT-IN	400-3-6TMT	4-6-4 RBZ	4MRT6N	DTK 4-6	4TMT6	771L-1/4-3/8	CRIM-4-6N
N2605-04-08-04	IN-MNPT-IN	400-3-8TMT	4-8-4 RBZ	4MRT8N	DTK 4-8	4TMT8	771L-1/4-1/2	CRIM-4-8N
N2605-06-04-06	IN-MNPT-IN	600-3TMT	6-4-6 RBZ	6MRT4N	DTK 6-4	6TMT4	771L-3/8-1/4	CRIM-6-4N
N2605-06-06-06	IN-MNPT-IN	600-3-6TMT	6-6-6 RBZ	6MRT6N	DTK 6-6	6TMT6	771L-3/8-3/8	CRIM-6-6N
N2605-06-08-06	IN-MNPT-IN	600-3-8TMT	6-8-6 RBZ	6MRT8N	DTK 6-8	6TMT8	771L-3/8-1/2	CRIM-6-8N
N2605-08-04-08	IN-MNPT-IN	810-3-4TMT	8-4-8 RBZ	8MRT4N	DTK 8-4	8TMT4	771L-1/2-1/4	CRIM-8-4N
N2605-08-06-08	IN-MNPT-IN	810-3TMT	8-6-8 RBZ	8MRT6N	DTK 8-6	8TMT6	771L-1/2-3/8	CRIM-8-6N
N2605-08-08-08	IN-MNPT-IN	810-3-8TMT	8-8-8 RBZ	8MRT8N	DTK 8-8	8TMT8	771L-1/2-1/2	CRIM-8-8N
N2605-10-08-10	IN-MNPT-IN	1010-3TMT	10-8-10 RBZ	10MRT8N	DTK 10-8	10TMT8	771L-5/8-1/2	CRIM-10-8N
N2605-12-08-12	IN-MNPT-IN	1210-3-8TMT	12-8-12 RBZ	12MRT8N	DTK 12-8	12TMT8	771L-3/4-1/2	CRIM-12-8N
N2605-12-12-12	IN-MNPT-IN	1210-3TMT	12-12-12 RBZ	12MRT12N	DTK 12-12	12TMT12	771L-3/4-3/4	CRIM-12-12N
N2605-16-12-16	IN-MNPT-IN	1610-3-12TMT	16-12-16 RBZ	16MRT12N	DTK 16-12	16TMT12	771L-1-3/4	CRIM-16-12N
N2605-16-16-16	IN-MNPT-IN	1610-3TMT	16-16-16 RBZ	16MRT16N	DTK 16-16	16TMT16	771L-1-1	CRIM-16-16N
N2605-20-20-20	IN-MNPT-IN	2000-3TMT	20-20-20 RBZ	20MRT20N	DTK 20-20	20TMT20	771L-1 1/4-1 1/4	CRIM-20-20N
N2605-24-24-24	IN-MNPT-IN	2400-3TMT	24-24-24 RBZ	24MRT24N	DTK 24-24	24TMT24	771L-1 1/2-1 1/2	CRIM-24-24N
N2606-02-02-02	IN-FNPT-IN	200-3-2-TFT	2-2-2 MBZ	2FRT2N	DTF 2-2	2FTF2	771LF-1/8-1/8	CRIF-2-2N
N2606-04-02-04	IN-FNPT-IN	400-3-TFT	4-2-4 MBZ	4FRT2N	DTF 4-2	4FTF2	771LF-1/4-1/8	CRIF-4-2N
N2606-04-04-04	IN-FNPT-IN	400-3-TFT	4-4-4 MBZ	4FRT4N	DTF 4-4	4FTF4	771LF-1/4-1/4	CRIF-4-4N
N2606-06-04-06	IN-FNPT-IN	600-3-4TFT	6-4-6 MBZ	6FRT4N	DTF 6-4	6FTF4	771LF-3/8-1/4	CRIF-6-4N
N2606-06-06-06	IN-FNPT-IN	600-3-6TFT	6-6-6 MBZ	6FRT6N	DTF 6-6	6FTF6	771LF-3/8-3/8	CRIF-6-6N
N2606-08-06-08	IN-FNPT-IN	810-3-TFT	8-6-8 MBZ	8FRT6N	DTF 8-6	8FTF6	771LF-1/2-3/8	CRIF-8-6N
N2606-08-08-08	IN-FNPT-IN	810-3-8TFT	8-8-8 MBZ	8FRT8N	DTF 8-8	8FTF8	771LF-1/2-1/2	CRIF-8-8N
N2606-12-12-12	IN-FNPT-IN	1210-3-TFT	12-12-12 MBZ	12FRT12N	DTF 12-12	12FTF12	771LF-3/4-3/4	CRIF-12-12N
N2606-16-12-16	IN-FNPT-IN	1610-3-12-TFT	16-12-16 MBZ	16FRT12N	DTF 16-12	16FTF12	771LF-1-3/4	CRIF-16-12N
N2606-16-16-16	IN-FNPT-IN	1610-3-TFT	16-16-16 MBZ	16FRT16N	DTF 16-16	16FTF16	771LF-1-1	CRIF-16-16N
N2650-02-02-02-02	IN-IN-IN-IN	200-4	2 KBZ	2ECR2	DXA 2	2C	7102L-1/8	CXA-2
N2650-04-04-04-04	IN-IN-IN-IN	400-4	4 KBZ	4ECR4	DXA 4	4C	7102L-1/4	CXA-4
N2650-06-06-06-06	IN-IN-IN-IN	600-4	6 KBZ	6ECR6	DXA 6	6C	7102L-3/8	CXA-6
N2650-08-08-08-08	IN-IN-IN-IN	810-4	8 KBZ	8ECR8	DXA 8	8C	7102L-1/2	CXA-8
N2650-12-12-12-12	IN-IN-IN-IN	1210-4	12 KBZ	12ECR12	DXA 12	12C	7102L-3/4	CXA-12
N2650-16-16-16-16	IN-IN-IN-IN	1610-4	16 KBZ	16ECR16	DXA 16	16C	7102L-1	CXA-16
N2700-LN-01-01	INBH-IN	100-61	1-1 WBZ	1BC1	DSU 1	1BU	774L-1/16-1/16	CBU-1
N2700-LN-02-02	INBH-IN	200-61	2-2 WBZ	2MBC2N	DSU 2	2BU	774L-1/8-1/8	CBU-2
N2700-LN-04-02	INBH-IN	400-61-2	4-2 WBZ	4MBC2N	DSU 4-2	4BU2	774L-1/4-1/8	CBUR-4-2
N2700-LN-04-04	INBH-IN	400-61	4-4 WBZ	4MBC4N	DSU 4	4BU	774L-1/4-1/4	CBU-4
N2700-LN-05-05	INBH-IN	500-61	5-5 WBZ	5MBC5	DSU 5	5BU	774L-5/16-5/16	CBU-5
N2700-LN-06-04	INBH-IN	600-61-4	6-4 WBZ	6MBC4	DSU 6-4	6BU4	774L-3/8-1/4	CBUR-6-4
N2700-LN-06-06	INBH-IN	600-61	6-6 WBZ	6MBC6	DSU 6	6BU6	774L-3/8-3/8	CBU-6
N2700-LN-08-04	INBH-IN	810-61-4	8-4 WBZ	8MBC4	DSU 8-4	8BU4	774L-1/2-1/4	CBUR-8-4
N2700-LN-08-06	INBH-IN	810-61-6	8-6 WBZ	8MBC6N	DSU 8-6	8BU6	774L-1/2-3/8	NA
N2700-LN-08-08	INBH-IN	810-61	8-8 WBZ	8MBC8N	DSU 8	8BU	774L-1/2-1/2	CBU-8
N2700-LN-10-10	INBH-IN	1010-61	10-10 WBZ	10BC10	DSU 1	10BU	774L-5/8-5/8	CBU-10

Cross Reference Chart

Brennan No.	Description	Swagelok	Parker CPI	Parker A-LOK	BI-LOK	GYROLOK	LET-LOK	Hy-Lok
N2700-LN-12-12	INBH-IN	1210-61	12-12 WBZ	12BC12	DSU 12	12BU	774L-3/4-3/4	CBU-12
N2700-LN-16-16	INBH-IN	1610-61	16-16 WBZ	16BC16	DSU 16	16BU	774L-1-1	CBU-16
N2700-LN-20-20	INBH-IN	2000-61	20-20 WBZ	20BC20	DSU 20	20BU	774L-1 1/4-1 1/4	CBU-20
N2700-LN-24-24	INBH-IN	2400-61	24-24 WBZ	24BC24	DSU 24	24BU	774L-1 1/2-1 1/2	CBU-24
N2700-LN-32-32	INBH-IN	3200-61	32-32 WBZ	32BC32	DSU 32	32BU	774L-2-2	CBU-32
N2701-LN-02-02	INBH-IN 90	NA	NA	NA	DSL 2	NA	NA	NA
N2701-LN-04-04	INBH-IN 90	NA	NA	NA	DSL 4	NA	NA	NA
N2701-LN-06-06	INBH-IN 90	NA	NA	NA	DSL 6	NA	NA	NA
N2701-LN-08-08	INBH-IN 90	NA	NA	NA	DSL 8	NA	NA	NA
N2701-LN-12-12	INBH-IN 90	NA	NA	NA	DSL 12	NA	NA	NA
N2701-LN-16-16	INBH-IN 90	NA	NA	NA	DSL 16	NA	NA	NA
N2705-LN-02-02	INBH-FNPT	200-71-2	2-2 GH2BZ	2FBC2N	D 2-2	2BCF2	774LF-1/8-1/8	CBFC-2-2N
N2705-LN-04-02	INBH-FNPT	400-71-2	4-2 GH2BZ	4FBC2N	D 4-2	4BCF2	774LF-1/4-1/8	CBFC-4-2N
N2705-LN-04-04	INBH-FNPT	400-71-4	4-4 GH2BZ	4FBC4N	D 4-4	4BCF4	774LF-1/4-1/4	CBFC-4-4N
N2705-LN-06-04	INBH-FNPT	600-71-4	6-4 GH2BZ	6FBC4N	D 6-4	6BCF4	774LF-3/8-1/4	CBFC-6-4N
N2705-LN-08-06	INBH-FNPT	810-71-6	8-6 GH2BZ	8FBC6N	D 8-6	8BCF6	774LF-1/2-3/8	CBFC-8-6N
N2705-LN-08-08	INBH-FNPT	810-71-8	8-8 GH2BZ	8FBC8N	D 8-8	8BCF8	774LF-1/2-1/2	CBFC-8-8N
N2705-LN-10-08	INBH-FNPT	1010-71-8	10-8 GH2BZ	10FBC8N	D 10-8	10BCF8	774LF-5/8-1/2	CBFC-10-8N
N2705-LN-12-08	INBH-FNPT	1210-71-8	12-8 GH2BZ	12FBC8N	D 12-8	12BCF8	774LF-3/4-1/2	NA
N2705-LN-12-12	INBH-FNPT	1210-71-12	12-12 GH2BZ	12FBC12N	D 12-12	12BCF12	774LF-3/4-3/4	CBFC-12-12N
N2705-LN-16-12	INBH-FNPT	1610-71-12	16-12 GH2BZ	16FBC12N	D 16-12	16BCF12	774LF-1-3/4	NA
N2705-LN-16-16	INBH-FNPT	1610-71-16	16-16 GH2BZ	16FBC16N	D 16-16	16BCF16	774LF-1-1	CBFC-16-16N
N2705-LN-20-20	INBH-FNPT	2000-71-20	20-20 GH2BZ	20FBC20N	D 20-20	20BCF20	774LF-1 1/4-1 1/4	CBFC-20-20N
N2705-LN-24-24	INBH-FNPT	2400-71-24	24-24 GH2BZ	24FBC24N	D 24-24	24BCF24	774LF-1 1/2-1 1/2	CBFC-24-24N
N2706-LN-02-02	INBH-MNPT	200-11-2	2-2 FH2BZ	2MBC2N	DSC 2-2	2BCM2	774LM-1/8-1/8	CBMC-2-2N
N2706-LN-04-02	INBH-MNPT	400-11-2	4-2 FH2BZ	4MBC2N	DSC 4-2	4BCM2	774LM-1/4-1/8	CBMC-4-2N
N2706-LN-04-04	INBH-MNPT	400-11-4	4-4 FH2BZ	4MBC4N	DSC 4-4	4BCM4	774LM-1/4-1/4	CBMC-4-4N
N2706-LN-06-04	INBH-MNPT	600-11-4	6-4 FH2BZ	6MBC4N	DSC 6-4	6BCM4	774LM-3/8-1/4	CBMC-6-4N
N2706-LN-06-06	INBH-MNPT	600-11-6	6-6 FH2BZ	6MBC6N	DSC 6-6	6BCM6	774LM-3/8-3/8	CBMC-6-6N
N2706-LN-06-08	INBH-MNPT	600-11-8	6-8 FH2BZ	6MBC8N	DSC 6-8	6BCM8	774LM-3/8-1/2	CBMC-6-8N
N2706-LN-08-06	INBH-MNPT	810-11-6	8-6 FH2BZ	8MBC6N	DSC 8-6	8BCM6	774LM-1/2-3/8	CBMC-8-6N
N2706-LN-08-08	INBH-MNPT	810-11-8	8-8 FH2BZ	8MBC8N	DSC 8-8	8BCM8	774LM-1/2-1/2	CBMC-8-8N
N2706-LN-12-12	INBH-MNPT	1210-11-12	12-12 FH2BZ	12MBC12N	DSC 12-12	12BCM12	774LM-3/4-3/4	CBFC-12-12N
N2706-LN-16-16	INBH-MNPT	1610-11-16	16-16 FH2BZ	16MBC16N	DSC 16-16	16BCM16	774LM-1-1	CBMC-16-16N
N2706-LN-20-20	INBH-MNPT	2000-11-20	20-20 FH2BZ	20MBC20N	DSC 20-20	20BCM20	774LM-1 1/4-1 1/4	CBMC-20-20N
N2706-LN-24-24	INBH-MNPT	2400-11-24	24-24 FH2BZ	24MBC24N	DSC 24-24	24BCM24	774LM-1 1/2-1 1/2	CBMC-24-24N
N2707-LN-04-04		400-61-4AN	4-4 XH2BZ	4XABC4	DUE 4-4	4BUAN4	774FL-1/4-1/4	CBFU-4-4
N2707-LN-06-06		600-61-6AN	6-6 XH2BZ	6XABC6	DUE 6-6	6BUAN6	774FL-3/8-3/8	CBFU-6-6
N2707-LN-08-08		810-61-8AN	8-8 XH2BZ	8XABC8	DUE 8-8	8BUAN8	774FL-1/2-1/2	CBFU-8-8
N2707-LN-12-12		1210-61-12AN	12-12 XH2BZ	12XABC12	DUE 12-12	12BUAN12	774FL-3/4-3/4	CBFU-12-12
N2707-LN-16-16		1610-61-16AN	16-16 XH2BZ	16XABC16	DUE 16-16	16BUAN16	774FL-1-1	CBFU-16-16
N2709-LN-02-02	INBH-STDPIPE	200-R1-2	2-2 T2H2BZ	2TUBC2	DSE 2	2BA2	774LT-1/8-1/8	CBR-2-2
N2709-LN-04-04	INBH-STDPIPE	400-R1-4	4-4 T2H2BZ	4TUBC4	DSE 4	4BA4	774LT-1/4-1/4	CBR-4-4
N2709-LN-06-06	INBH-STDPIPE	600-R1-6	6-6 T2H2BZ	6TUBC6	DSE 6	6BA6	774LT-3/8-3/8	CBR-6-6
N2709-LN-08-08	INBH-STDPIPE	810-R1-8	8-8 T2H2BZ	8TUBC8	DSE 8	8BA8	774LT-1/2-1/2	CBR-8-8
N2709-LN-10-10	INBH-STDPIPE	1010-R1-10	10-10 T2H2BZ	10TUBC10	DSE 10	10BA10	774LT-5/8-5/8	CBR-10-10
N2709-LN-16-16	INBH-STDPIPE	1610-R1-16	16-16 T2H2BZ	16TUBC16	DSE 16	16BA16	774LT-1-1	CBR-16-16
N2709-LN-20-20	INBH-STDPIPE	2000-R1-20	20-20 T2H2BZ	20TUBC20	DSE 20	20BA20	774LT-1 1/4-1 1/4	CBR-20-20
N2709-LN-24-24	INBH-STDPIPE	2400-R1-24	24-24 T2H2BZ	24TUBC24	DSE 24	24BA24	774LT-1 1/2-1 1/2	CBR-24-24
N6400-02-02-0	IN-MORB	200-1-2ST	2-2 ZHBA	2M1SC2	DCU 2-2	2UANO2	768LOB-1/8-1/8	CSC-2-2U
N6400-04-04-0	IN-MORB	400-1-4-ST	4-4 ZHBA	4M1SC4	DCU 4-4	4UANO4	768LOB-1/4-1/4	CSC-4-4U
N6400-05-05-0	IN-MORB	500-1-5-ST	5-5 ZHBA	5M1SC5	DCU 5-5	5UANO5	768LOB-5/16-5/16	CSC-5-5U
N6400-06-04-0	IN-MORB	600-1-4-ST	6-4 ZHBA	6M0SC6	DCU 6-4	6UANO6	768LOB-3/8-1/4	CSC-6-4U
N6400-06-06-0	IN-MORB	600-1-6-ST	6-6 ZHBA	6M1SC6	DCU 6-6	6UANO6	768LOB-3/8-3/8	CSC-6-6U
N6400-06-08-0	IN-MORB	600-1-8-ST	6-8 ZHBA	6M1SC8	DCU 6-8	6UANO8	768LOB-3/8-1/2	CSC-6-8U
N6400-08-06-0	IN-MORB	810-1-6-ST	8-6 ZHBA	8M1SC6	DCU 8-6	8UANO6	768LOB-1/2-3/8	CSC-8-6U
N6400-08-08-0	IN-MORB	810-1-8-ST	8-8 ZHBA	8M1SC8	DCU 8-8	8UANO8	768LOB-1/2-1/2	CSC-8-8U
N6400-08-10-0	IN-MORB	810-1-10-ST	8-10 ZHBA	8M1SC10	DCU 8-10	8UANO10	768LOB-1/2-5/8	CSC-8-10U
N6400-12-08-0	IN-MORB	1210-1-8-ST	12-8 ZHBA	12M1SC8	DCU 12-8	12UANO8	768LOB-3/4-1/2	CSC-12-8U
N6400-12-12-0	IN-MORB	1210-1-12-ST	12-12 ZHBA	12M1SC12	DCU 12-12	12UANO12	768LOB-3/4-3/4	CSC-12-12U
N6400-16-16-0	IN-MORB	1610-1-16-ST	16-16 ZHBA	16M1SC16	DCU 16-16	16UANO16	768LOB-1-1	CSC-16-16U
N6400-20-20-0	IN-MORB	2000-1-20-ST	20-20 ZHBA	20M1SC20	DCU 20-20	20UANO20	768LOB-1 1/4-1 1/4	CSC-20-20U
N6400-24-24-0	IN-MORB	2400-1-24-ST	24-24 ZHBA	24M1SC24	DCU 24-24	24UANO24	768LOB-1 1/2-1 1/2	CSC-24-24U
N6801-04-04-NWO	IN-MAORB 90	400-2-4ST	4-4 C5BZ	4M5SEL4	NA	4LMS4	NA	CSLA-4-4U
N6801-04-06-NWO	IN-MAORB 90	400-2-6ST	4-6 C5BZ	4M5SEL6	NA	4LMS6	NA	CSLA-4-6U
N6801-06-06-NWO	IN-MAORB 90	600-2-6ST	6-6 C5BZ	6M5SEL6	NA	6LMS6	NA	CSLA-6-6U
N6801-06-08-NWO	IN-MAORB 90	600-2-8ST	6-8 C5BZ	6M5SEL8	NA	6LMS8	NA	CSLA-6-8U
N6801-08-08-NWO	IN-MAORB 90	810-2-8ST	8-8 C5BZ	8M5SEL8	NA	8LMS8	NA	CSLA-8-8U
N6801-10-10-NWO	IN-MAORB 90	1010-2-10ST	10-10 C5BZ	10M5SEL10	NA	10LMS10	NA	CSLA-10-10U
N6801-12-12-NWO	IN-MAORB 90	1210-2-12ST	12-12 C5BZ	12M5SEL12	NA	12LMS12	NA	CSLA-12-12U
N6801-14-14-NWO	IN-MAORB 90	1410-2-14ST	14-14 C5BZ	14M5SEL14	NA	14LMS14	NA	CSLA-14-14U
N6801-16-16-NWO	IN-MAORB 90	1610-2-16ST	16-16 C5BZ	16M5SEL16	NA	16LMS16	NA	CSLA-16-16U
N6801-20-20-NWO	IN-MAORB 90	2000-2-20ST	20-20 C5BZ	20M5SEL20	NA	20LMS20	NA	CSLA-20-20U
N6801-24-24-NWO	IN-MAORB 90	2400-2-24ST	24-24 C5BZ	24M5SEL24	NA	24LMS24	NA	CSLA-24-24U
N6802-04-04-NWO	IN-MAORB 45	400-5-4ST	4-4 V5BZ	4M5VEL4	NA	4LMF54	NA	CSLB-4-4U

Brennan No.	Description	Swagelok	Parker CPI	Parker A-LOK	BI-LOK	GYROLOK	LET-LOK	Hy-Lok
N6802-06-06-NWO	IN-MAORB 45	600-5-6ST	6-6 V5BZ	6M5VEL6	NA	6LMFS6	NA	CSLB-6-6U
N6802-08-08-NWO	IN-MAORB 45	810-5-8ST	8-8 V5BZ	8M5VEL8	NA	8LMFS8	NA	CSLB-8-8U
N6802-12-12-NWO	IN-MAORB 45	1210-5-12ST	12-12 V5BZ	12M5VEL12	NA	12LMFS12	NA	CSLB-12-12U
N6802-16-16-NWO	IN-MAORB 45	1610-5-16ST	16-16 V5BZ	16M5VEL16	NA	16LMFS16	NA	CSLB-16-16U
N6803-04-04-04-NWO	IN-IN-MAORB	400-3TTS	4-4 S5BZ	4M5BT4	NA	4TTS4	NA	CSBT-4-4U
N6803-06-06-06-NWO	IN-IN-MAORB	600-3TTS	6-6 S5BZ	6M5BT6	NA	6TTS6	NA	CSBT-6-6U
N6803-08-08-08-NWO	IN-IN-MAORB	810-3TTS	8-8 S5BZ	8M5BT8	NA	8TTS8	NA	CSBT-8-8U
N6803-12-12-12-NWO	IN-IN-MAORB	1210-3TTS	12-12 S5BZ	12M5BT12	NA	12TTS12	NA	CSBT-12-12U
N6803-16-16-16-NWO	IN-IN-MAORB	1610-3TTS	16-16 S5BZ	16M5BT16	NA	16TTS16	NA	CSBT-16-16U
N6803-20-20-20-NWO	IN-IN-MAORB	2000-3TTS	20-20 S5BZ	20M5BT20	NA	20TTS20	NA	CSBT-20-20U
N6803-24-24-24-NWO	IN-IN-MAORB	2400-3TTS	24-24 S5BZ	24M5BT24	NA	24TTS24	NA	CSBT-24-24U
N6804-04-04-04-NWO	IN-MAORB-IN	400-3TST	4-4-4 R5BZ	4M5RT4	NA	4TST4	NA	CSRT-4-4U
N6804-06-06-06-NWO	IN-MAORB-IN	600-3TST	6-6-6 R5BZ	6M5RT6	NA	6TST6	NA	CSRT-6-6U
N6804-08-08-08-NWO	IN-MAORB-IN	810-3TST	8-8-8 R5BZ	8M5RT8	NA	8TST8	NA	CSRT-8-8U
N6804-12-12-12-NWO	IN-MAORB-IN	1210-3TST	12-12-12 R5BZ	12M5RT12	NA	12TST12	NA	CSRT-12-12U
N6804-16-16-16-NWO	IN-MAORB-IN	1610-3TST	16-16-16 R5BZ	16M5RT16	NA	16TST16	NA	CSRT-16-16U
N6804-20-20-20-NWO	IN-MAORB-IN	2000-3TST	20-20-20 R5BZ	20M5RT20	NA	20TST20	NA	CSRT-20-20U
N6804-24-24-24-NWO	IN-MAORB-IN	2400-3TST	24-24-24 R5BZ	24M5RT24	NA	24TST24	NA	CSRT-24-24U
N7002-02-02	IN-BSPP	200-1-2RS	2-2R FBZ	2MSC2R	NA	2CM2EB	NA	CMC-2N-2G
N7002-02-04	IN-BSPP	200-1-4RS	2-4R FBZ	2MSC4R	NA	2CM4EB	NA	CMC-2N-4G
N7002-04-02	IN-BSPP	400-1-2RS	4-2R FBZ	4MSC2R	NA	4CM2EB	NA	CMC-4N-2G
N7002-04-04	IN-BSPP	400-1-4RS	4-4R FBZ	4MSC4R	NA	4CM4EB	NA	CMC-4N-4G
N7002-04-06	IN-BSPP	400-1-6RS	4-6R FBZ	4MSC6R	NA	4CM6EB	NA	CMC-4N-6G
N7002-04-08	IN-BSPP	400-1-8RS	4-8R FBZ	4MSC8R	NA	4CM8EB	NA	CMC-4N-8G
N7002-06-02	IN-BSPP	600-1-2RS	6-2R FBZ	6MSC2R	NA	6CM2EB	NA	CMC-6N-2G
N7002-06-04	IN-BSPP	600-1-4RS	6-4R FBZ	6MSC4R	NA	6CM4EB	NA	CMC-6N-4G
N7002-06-06	IN-BSPP	600-1-6RS	6-6R FBZ	6MSC6R	NA	6CM6EB	NA	CMC-6N-6G
N7002-06-08	IN-BSPP	600-1-8RS	6-8R FBZ	6MSC8R	NA	6CM8EB	NA	CMC-6N-8G
N7002-08-04	IN-BSPP	810-1-4RS	8-4R FBZ	8MSC4R	NA	8CM4EB	NA	CMC-8N-4G
N7002-08-06	IN-BSPP	810-1-6RS	8-6R FBZ	8MSC6R	NA	8CM6EB	NA	CMC-8N-6G
N7002-08-08	IN-BSPP	810-1-8RS	8-8R FBZ	8MSC8R	NA	8CM8EB	NA	CMC-8N-8G
N7002-12-08	IN-BSPP	1210-1-8RS	12-8R FBZ	12MSC8R	NA	12CM8EB	NA	CMC-12N-8G
N7002-12-12	IN-BSPP	1210-1-12RS	12-12R FBZ	12MSC12R	NA	12CM12EB	NA	CMC-12N-12G
N7002-16-08	IN-BSPP	1610-1-8RS	16-8R FBZ	16MSC8R	NA	16CM8EB	NA	CMC-16N-8G
N7002-16-12	IN-BSPP	1610-1-12RS	16-12R FBZ	16MSC12R	NA	16CM12EB	NA	CMC-16N-12G
N7002-16-16	IN-BSPP	1610-1-16RS	16-16R FBZ	16MSC16R	NA	16CM16EB	NA	CMC-16N-16G

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