



Air-Way Manufacturing Company

Stainless Steel Fittings

J.I.C.-S.A.E.
Standard - Jumpsizes - Special



Tube Fittings

Refer to "Tube Fittings, JIC-SAE" Chart for sizes

NOTE:

Also available in FLARE-O® and O-Ring Face Seal Styles.

	 (070111)	 (070112)	 (070118)	 (070117)	 (070110)	 (070115)
SS302 Short Nut	SS304 Standard Nut	SS304-C Cap Nut	SS306-LN Bulkhead Lock Nut	SS306-N Adjustable Lock Nut	SS318 Tube Nut	SS319 Tube Sleeve
 (070101)	 (070119)	 (070102)	 (070102L)	 (070102L)	 (070102L)	 (070103)
SS2403 Str. (1 & 2) Male Tube Union	SS2403-LH Str. (1 & 2) Male Tube Union Large Hex	SS2404 Str. (1) Male Tube (2) Male Pipe	SS2404-L Str. (1) Male Tube (2) Male Pipe-Long	SS2404-LL Str. (1) Male Tube (2) Male Pipe-Ex-Long	SS2404-LLL Str. (1) Male Tube (2) Male Pipe-Ex-Ex-Long	SS2405 Str. (1) Male Tube (2) Female Pipe
 (070123)	 (070123)	 (070109)	 (070201)	 (070202)	 (070203)	 (070302)
SS2406 Str. Reducer (1) 37° Female (2) Male Tube	SS2407 Str. Reducer (1) 37° Female (2) Male Tube	SS2408 Plug - Ext. Hex (1) Male Tube	SS2500 90° (1 & 2) Male Tube	SS2501 90° (1) Male Tube (2) Male Pipe	SS2502 90° (1) Male Tube (2) Female Pipe	SS2503 45° (1) Male Tube (2) Male Pipe
 (070434)	 (070425)	 (070427)	 (070401)	 (070424)	 (070426)	 (070426)
SS2504 45° (1 & 2) Male Tube	SS2601 Tee (1 & 2) Male Tube (3) Male Pipe	SS2602 Tee (1 & 2) Male Tube (3) Female Pipe	SS2603 Tee (1, 2 & 3) Male Tube	SS2605 Tee (1 & 3) Male Tube (2) Male Pipe	SS2606 Tee (1 & 3) Male Tube (2) Female Pipe	SS2607 Tee (1) Male Tube (2 & 3) Male Pipe
 (070434)	 (070434)	 (070434)	 (070434)	 (070501)	 (070501)	 (070501)
SS2608 Tee (1) Male Tube (2) Female Pipe (3) Male Pipe	SS2609 Tee (1) Male Tube (2 & 3) Female Pipe	SS2610 Tee (1 & 2) Male Pipe (3) Male Tube	SS2612 Tee (1 & 2) Female Pipe (3) Male Tube	SS2650 Cross (1, 2, 3 & 4) Male Tube	SS2651 Cross (1, 2 & 3) Male Tube (4) Male Pipe	SS2653 Cross (1 & 2) Male Tube (3 & 4) Male Pipe
 (070601)	 (070601)	 (070701)	 (070801)	 (070959)	 (070958)	 (070958)
SS2654 Cross (1 & 3) Male Tube (2 & 4) Male Pipe	SS2700-LN Str. (1) Male Tube (2) Bulkhead	SS2701-LN 90° (1) Male Tube (2) Bulkhead	SS2702-LN 45° (1) Male Tube (2) Bulkhead	SS2703-LN Tee (1 & 2) Male Tube (3) Bulkhead	SS2704-LN Tee (1 & 3) Male Tube (2) Bulkhead	SS2705-LN Str. (1) Female Pipe (2) Bulkhead
 (430160)	 (430160)	 (070221)	 (070221)	 (070321)	 (070321)	 (070321)
SS2706-LN Str. (1) Male Pipe (2) Bulkhead	SS4404 Str. (1) Beaded (2) Male Pipe	SS6500-90° (1) Male Tube (2) 37° Female Swivel	SS6501 90° (1) Male Pipe (2) 37° Female Swivel	SS6502 45° (1) Male Tube (2) 37° Female Swivel	SS6503 90° (1) Female Pipe (2) 37° Female Swivel	SS6504 Str. (1) Male Tube (2) 37° Female Swivel
 (070432)	 (070432)	 (070432)	 (070433)	 (070432)		
SS6505 Str. (1) Male Pipe (2) 37° Female Swivel	SS6506 Str. (1) Female Pipe (2) 37° Female Swivel	SS6565 Str. (1 & 2) 37° Female Swivel	SS6600 Tee (1 & 2) Male Tube (3) 37° Female Swivel	SS6602 Tee (1 & 3) Male Tube (2) 37° Female Swivel		

Braze Fittings for Tubing

Refer to "Tube Fittings, JIC-SAE" Chart for sizes

NOTE:

Also available in FLARE-O® and O-Ring Face Seal Styles.

 SS403 Str. (1) Bore (2) Male Tube	 SS404 Str. (1) Bore (2) Male Pipe	 SS500 90° (1) Bore (2) Male Tube	 SS600 Tee (1 & 2) Bore (3) Male Tube	 SS601 Tee (1 & 2) Bore (3) Male Pipe	 SS603 Tee (1, 2 & 3) Bore	 SS702 Tee (1) Bore (2 & 3) Male Tube
 SS800 Str. (1) Bore (2) Female Pipe Swivel	 SS801 90° (1) Bore (2) Female Pipe Swivel	 SS802 Tee (1 & 2) Bore (3) Female Pipe Swivel	 SS900 Str. (1) Bore (2) 37°Female Swivel	 SS901 90° (1) Bore (2) 37°Female Swivel	 SS902 Tee (1) Bore (2 & 3) 37°Female Swivel	

Adjustable & O-Ring Fittings

Refer to "Tube Fittings, JIC-SAE" Chart for sizes

 SS4604-O Str. (1) Beaded (2) Male O-Ring	 SS6400-O Str. (1) Male Tube (2) Male O-Ring	 SS6400-L-O Str. (1) Male Tube (2) Male O-Ring-Long	 SS6400-LL-O Str. (1) Male Tube (2) Male O-Ring-Ex-Long	 SS6400-LLL-O Str. (1) Male Tube (2) Male O-Ring-Ex-Ex-Long	 SS6401-O Str. (1) Male O-Ring (2) Male Pipe	 SS6402-O Str. (1) Male O-Ring (2) 37° Female Swivel
 SS6404 Str. (1) Female O-Ring (2) Male Pipe	 SS6405-O Str. (2) Female Pipe	 SS6407-NWO Str. (1) Male O-Ring (2) Adjustable O-Ring	 SS6408-O Plug - Ext. Hex (1) Male O-Ring	 SS6409-O Plug - Int. Hex (1) Male O-Ring	 SS6410-O Str. (1) Male O-Ring (2) Female O-Ring	 SS6801-NWO 90° (1) Male Tube (2) Adjustable O-Ring
 SS6802-NWO 45° (1) Male Tube (2) Adjustable O-Ring	 SS6803-NWO Tee (1 & 2) Male Tube (3) Adjustable O-Ring	 SS6804-NWO Tee (1 & 3) Male Tube (2) Adjustable O-Ring	 SS6805-NWO 90° (1) Adjustable O-Ring (2) Female Pipe	 SS6900-O Str. (1) Male O-Ring (2) Female Pipe Swivel	 SS6901-NWO 90° (1) Adjustable O-Ring (2) Female Pipe Swivel	

Tube Fittings, JIC-SAE

Dash Number	2	3	4	5	6	8	10	12	14	16	18	20	24	32
Tube O.D.	1/8	3/16	1/4	5/16	3/8	1/2	5/8	3/4	7/8	1	1-1/8	1-1/4	1-1/2	2
Decimal	.125	.188	.250	.313	.375	.500	.625	.750	.875	1.000	1.125	1.250	1.500	2.000
M.M. Equivalent	3.175	4.763	6.350	7.938	9.525	12.700	15.875	19.050	22.225	25.400	28.575	31.750	38.100	50.800
Straight Thread	5/16-24	3/8-24	7/16-20	1/2-20	9/16-18	3/4-16	7/8-14	1-1/16-12	1-3/16-12	1-5/16-12	1-1/2-12	1-5/8-12	1-7/8-12	2-1/2-12
Decimal-threads/inch	.313	.375	.438	.500	.563	.750	.875	1.063	1.188	1.313	1.500	1.625	1.875	2.500
	-24	-24	-20	-20	-18	-16	-14	-12	-12	-12	-12	-12	-12	-12
M.M. Equivalent	7.938	9.525	11.113	12.700	14.288	19.050	22.225	26.988	30.163	33.338	38.100	41.275	47.625	63.500
	-24	-24	-20	-20	-18	-16	-14	-12	-12	-12	-12	-12	-12	-12
Pipe Thread Standard	1/8	1/8	1/8	1/8	1/4	3/8	1/2	3/4	3/4	1	1	1-1/4	1-1/2	2
Decimal	.125	.125	.125	.125	.250	.375	.500	.750	.750	1.000	1.000	1.250	1.500	2.000
M.M. Equivalent	3.175	3.175	3.175	3.175	6.350	9.525	12.700	19.050	19.050	25.400	25.400	31.750	38.100	50.800

Adapter Unions & Pipe Fittings

Dash Number	2	4	6	8	12	16	20	24	32
Pipe Th'd									
NPSM - NPTF	1/8	1/4	3/8	1/2	3/4	1	1-1/4	1-1/2	2
Decimal	.125	.250	.375	.500	.750	1.000	1.250	1.500	2.000
M.M. Equivalent	3.175	6.350	9.525	12.700	19.050	25.400	31.750	38.100	50.800

Adapter Unions

Refer to "Adapter Unions & Pipe Fittings" Chart below for sizes

NOTE:

Also available in FLARE-O® and O-Ring Face Seal Styles.

 SS1404 Str. (1) Male Pipe (2) Female Pipe Swivel	 SS1405 Str. (1) Female Pipe (2) Female Pipe Swivel	 SS1406 Str. (1 & 2) Female Pipe Swivel	 SS1501 90° (1) Male Pipe (2) Female Pipe Swivel	 SS1502 90° (1) Female Pipe (2) Female Pipe Swivel	 SS1503 45° (1) Male Pipe (2) Female Pipe Swivel	 SS1504 45° (1) Female Pipe (2) Female Pipe Swivel
 SS1601 Tee (1) Male Pipe (2 & 3) Female Pipe Swivel	 SS1602 Tee (1) Female Pipe (2 & 3) Female Pipe Swivel	 SS1603 Tee (1, 2, & 3) Female Pipe Swivel	Pipe Fittings Refer to "Adapter Unions & Pipe Fittings" Chart for sizes		 SS5000 Str. (1 & 2) Female Pipe	 SS5404 Str. (1 & 2) Male Pipe
 SS5404-N Str. Nipple (1 & 2) Male Pipe	 SS5405 Str. Reducer (1) Male Pipe (2) Female Pipe	 SS5406 Bushing (1) Male Pipe (2) Female Pipe	 SS5406-P Plug - Ext. Hex (1) Male Pipe	 SS5406-C Pipe Cap (1) Female Pipe	 SS5409 Plug - Int. Hex (1) Male Pipe	 SS5500 90° (1 & 2) Male Pipe
 SS5501 45° (1 & 2) Male Pipe	 SS5502 90° (1) Male Pipe (2) Female Pipe	 SS5503 45° (1) Male Pipe (2) Female Pipe	 SS5504 90° (1 & 2) Female Pipe	 SS5505 45° (1 & 2) Female Pipe	 SS5600 Tee (1, 2, & 3) Male Pipe	 SS5601 Tee (1 & 2) Male Pipe (3) Female Pipe
 SS5602 Tee (1) Male Pipe (2 & 3) Female Pipe	 SS5603 Tee (1 & 3) Male Pipe (2) Female Pipe	 SS5604 Tee (1 & 2) Female Pipe (3) Male Pipe	 SS5605 Tee (1, 2, & 3) Female Pipe	 SS5650 Cross (1, 2, 3, & 4) Male Pipe	 SS5652 Cross (1, 2, 3, & 4) Female Pipe	

Order Information

Sizes of the fittings are indicated by the dash numbers as relating to sixteenth's of an inch measured from the Outside Diameter of the tube size used. For example; 1/2" O.D. (8/16) is noted as - 8. Male or Female pipe sizes are similar in that 1/2" pipe thread is also (8/16) or - 8.

Our standard items can be ordered by using the appropriate chart and dash numbers. For example: SS 2501-8-6 is a 1/2" tube end with 3/4-16 straight thread on one end and 3/8" pipe thread on the other end. SS 2501-8-12 is a 1/2" tube end with 3/4-16 straight thread on one end and 3/4" pipe thread on the other end.

Adjustable and O-Ring fittings may be purchased in various stages of assembly. For example: SS 6801-8-8-NWO would be assembled complete with "N" Nut, "W" Washer and "O" O-Ring. SS 6801-8-8-NW would be assembled with "N" Nut and "W" Washer only.

Special items and configurations are available to order using customer specifications. Pricing and availability of these items can be furnished on request.

Air-Way specializes in what you need

Since 1950, our high-quality products, pricing and customer service have positioned Air-Way Manufacturing Company as a leader in the hydraulic fitting industry. Our manufacturing and engineering expertise allows us to fulfill many special-requirement fitting needs.

We specialize in jump sizes to provide you with:

- Heat & Turbulence Reduction
- Cost Reduction
- System Simplification

There are numerous stocking distributors, conveniently located throughout the United States and Canada. Each offers a complete inventory, allowing you the maximum in:

- Service
- Quality
- Competitive Pricing

In the world of hydraulic fittings:
Air-Way is the right way!



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