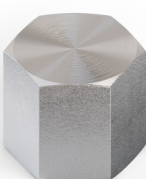
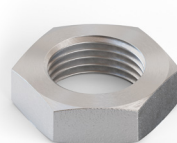
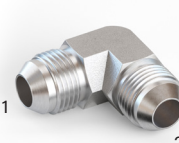
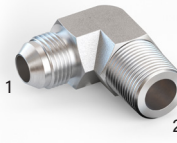
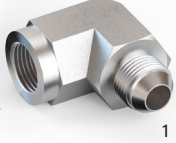
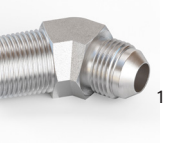
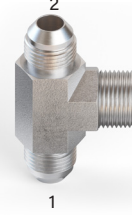
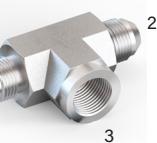
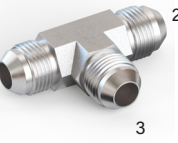
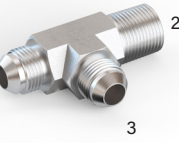
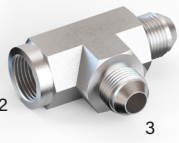
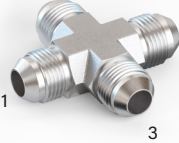
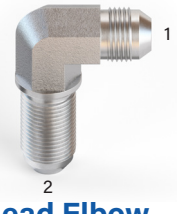
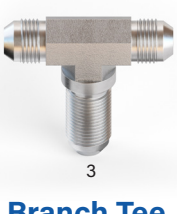
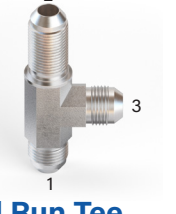
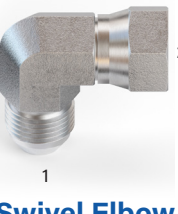
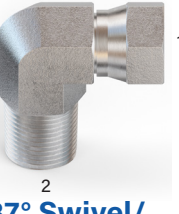
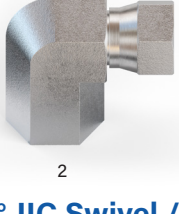
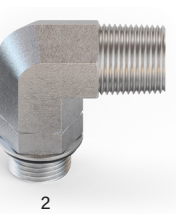
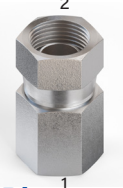
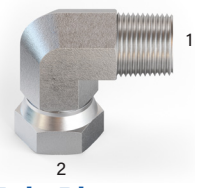
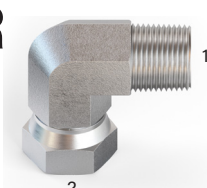
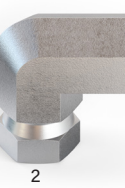
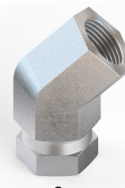
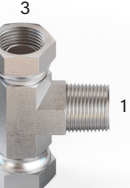
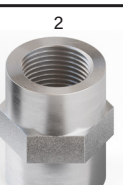
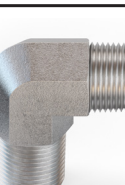
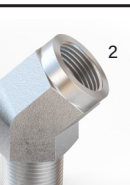
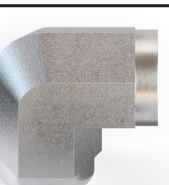
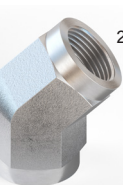
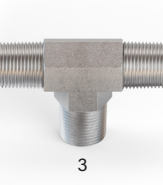
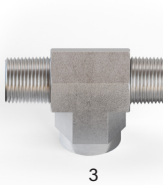
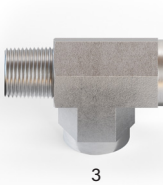
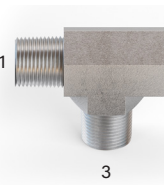
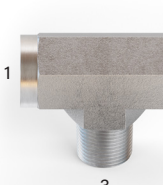
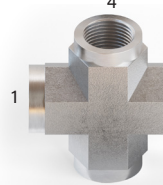
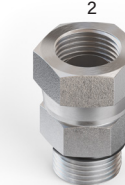
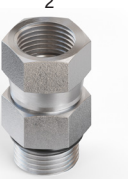
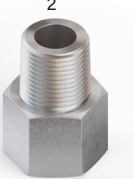
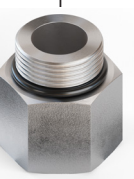
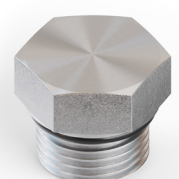
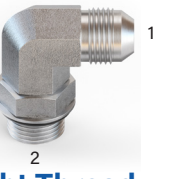
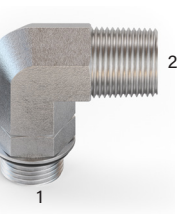
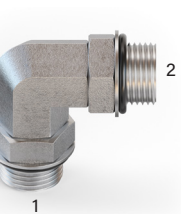
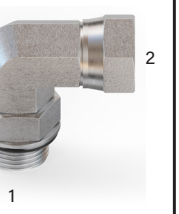
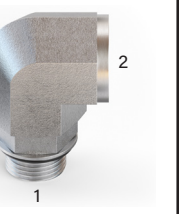
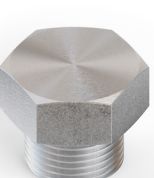
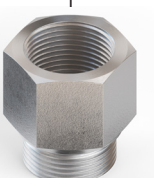
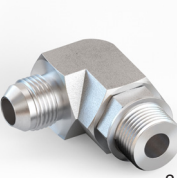
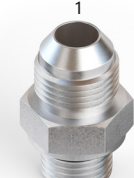
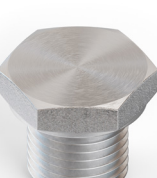
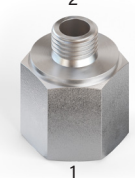
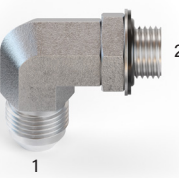




JIC TUBE FITTINGS										
304C  JIC Cap Nut (1) Tube O.D. SAE 070112	306  Bulkhead Lock Nut (1) Tube O.D. SAE 070118	318  Tube Nut (1) Tube O.D. SAE 070110	319  Tube Sleeve (1) Tube O.D. SAE 070115	2403  Tube Union (1) Male 37° Flare (2) Male 37° Flare SAE 070101	2404  Male Connector (1) Male 37° Flare (2) Male NPTF Pipe SAE 070102	2405  Female Connector (1) Male 37° Flare (2) Female NPTF Pipe SAE 070103	2406  Tube Reducer/Expander (1) Female 37° Flare (2) Male 31° Flare	2406R  Restricted 2406 (1) Female 37° Flare (2) Male 37° Flare Specify Orifice Size	2408  Plug (1) Male 37° Flare SAE 070109	2500  Union Elbow (1) Male 37° Flare (2) Male 37° Flare SAE 070201
2501  Male Elbow (1) Male 37° Flare (2) Male NPTF Pipe SAE 070202	2502  Female Elbow (1) Male 37° Flare (2) Female NPTF Pipe SAE 070203	2503  45° Male Elbow (1) Male 37° Flare (2) NPTF Pipe SAE 070302	2504  45° Union Elbow (1) Male 37° Flare (2) Male 37° Flare	2601  Male Branch Tree (1) (2) Male 37° Flare (3) Male NPTF Pipe SAE 070425	2602  Female Branch Tee (1) (2) Male 37° Flare (3) Female NPTF Pipe SAE 070427	2603  Union Tee (1) (2) Male 37° Flare (3) Male 37° Flare SAE 070401	2605  Male Run Tee (1) (3) Male 37° Flare (2) Male NPTF Pipe SAE 070424	2606  Female Branch Tee (1) (3) Male 37° Flare (2) Female NPTF Pipe SAE 070426	2650  Union Cross (1) (2) Male 37° Flare (3) (4) Male 37° Flare SAE 070501	2700  Bulkhead Union (1) Male 37° Flare (2) Male 37° Bulkhead SAE 070601
2701  90° Bulkhead Elbow (1) Male 37° Flare (2) Male 37° Bulkhead SAE 070701	2702  45° Bulkhead Elbow (1) Male 37° Flare (2) Male 37° Bulkhead SAE 070801	2703  Bulkhead Branch Tee (1) (2) Male 37° Flare (3) Male 37° Bulkhead SAE 070959	2704  Bulkhead Run Tee (1) (3) Male 37° Flare (2) Male 37° Bulkhead SAE 070958	2705  Female Pipe Bulkhead (1) Male 37° Bulkhead (2) Female NPTF Pipe SAE 070603	2706  Male Pipehead Bulkhead (1) Male 37° Bulkhead (2) Male NPTF Pipe	6500  Female 37° Swivel Elbow (1) Male 37° Flare (2) Female 37° Swivel SAE 070221	6501  Female 37° Swivel/ Male Pipe 90° (1) Female 37° Swivel (2) Male NPTF Pipe	6502  45° Female 37° Swivel Elbow (1) Male 37° Flare (2) Female 37° Swivel SAE 070321	6503  Female 37° JIC Swivel / Female Pipe 90° (1) Female 37° Swivel (2) Female NPTF Pipe	6504  Female 37° Swivel Connector (1) Male JIC 37° Flare (2) Female JIC 37° Swivel
6505  Female 37° Swivel/Male Pipe (1) Female 37° Swivel (2) Male NPTF Pipe	6506  Female 37° Swivel/Female Pipe (1) Female 37° Swivel (2) Female NPTF Pipe	6600  Female 37° Swivel Branch Tee (1) (2) Male 37° Flare (3) Female 37° Swivel SAE 070433	6602  Female 37° Swivel Run Tee (1) (3) Male 37° Flare (2) Female 37° Swivel SAE 070432							

PIPE FITTINGS											
 Male Pipe Swivel Adapter (1) Male NPTF Pipe (2) Female NPSM Swivel SAE 140130	 Restricted 1404 (1) Male NPTF (2) Female NPSM Swivel Specify Orifice Size	 Female Pipe Swivel Adapter (1) Female NPTF Pipe (2) Female NPSM Swivel SAE 140131	 Pipe Swivel Union (1) Female NPSM Swivel (2) Female NPSM Swivel	 90° Male Pipe Swivel Elbow (1) Male NPTF Pipe (2) Female NPSM Swivel SAE 140230	 Restricted 1501 (1) Male NPTF Pipe (2) Female NPSM Swivel Specify Orifice Size	 90° Female Pipe Swivel Elbow (1) Female NPTF Pipe (2) Female NPSM Swivel SAE 070103	 45° Male Pipe Swivel Elbow (1) Male NPTF Pipe (2) Female NPSM Swivel SAE 140330	 45° Female Pipe Swivel Elbow (1) Female NPTF Pipe (2) Female NPSM Swivel	 Male Pipe Swivel Tee (1) Male NPTF Pipe (2) (3) Female NPSM Swivel	 Female Pipe Swivel Tee (1) Female NPTF Pipe (2) (3) Female NPSM Swivel	
 Female Pipe Swivel Tee (1) (2) Female NPSM Swivel (3) Female NPSM Swivel	 Hex Pipe Coupling (1) Female NPTF Pipe (2) Female NPTF Pipe SAE 140138	 Hex Pipe Nipple (1) Male NPTF Pipe (2) Male NPTF Pipe SAE 140137	 Pipe Adapter (1) Male NPTF Pipe (2) Female NPTF Pipe SAE 140139	 Hex Reducer Bushing (1) Male NPTF Pipe (2) Female NPTF Pipe	 Hex Head Plug (1) Male NTPF Pipe Solid SAE 140109	 90° Male Pipe Elbow (1) Male NPTF Pipe (2) Male NPTF Pipe SAE 140237	 45° Male Pipe Elbow (1) Male NPTF Pipe (2) Male NPTF Pipe	 90° Street Elbow (1) Male NPTF Pipe (2) Female NPTF Pipe SAE 140239	 45° Street Elbow (1) Male NPTF Pipe (2) Female NPTF Pipe SAE 140339	 Female Pipe Elbow (1) Female NPTF Pipe (2) Female NPTF Pipe SAE 140238	
 45° Female Pipe Elbow (1) (2) Female NPTF Pipe SAE 140338	 Male Pipe Tee (1) (2) Male NPTF Pipe (3) Male NPTF Pipe	 Pipe Tee (1) (2) Male NPTF Pipe (3) Female NPTF Pipe	 Male Run Tee (1) Male NPTF Pipe (2) (3) Female NPTF Pipe SAE 140424	 Run Pipe Tee (1) (3) Male NPTF Pipe (2) Female NPTF Pipe	 Male Branch Tee (1) (2) Female NPTF Pipe (3) Male NPTF Pipe SAE 140425	 Female Pipe Tee (1) (2) Female NPTF Pipe (3) Female NPTF Pipe SAE 140438	 Female Pipe Cross (1) (2) Female NPTF Pipe (3) (4) Female NPTF Pipe SAE 140538	 O-Ring Swivel Adapter (1) Male SAE O-Ring Boss (2) Female NPSM Swivel SAE 140157	 90° O-Ring Swivel Adapter (1) Male SAE O-Ring Boss (2) Female NPSM Swivel SAE 140257	 45° O-Ring Swivel Adapter (1) Male SAE O-Ring Boss (2) Female NPSM Swivel SAE 140357	

"O" RING FITTINGS											
6400  SAE O-Ring Connector (1) Male 37° Flare (2) Male SAE O-Ring Boss SAE 070120	6401  O-Ring Boss / Male Pipe Adapter (1) Male SAE O-Ring Boss (2) Male NPTF Pipe	6402  O-Ring / Female 37° Swivel Adapter (1) Male SAE O-Ring Boss (2) Female 37° Swivel	6403  O-Ring Boss / O-Ring Boss Union (1) Male SAE O-Ring Boss (2) Male SAE O-Ring Boss	6404  Female O-Ring Pipe Adapter (1) Female O-Ring Boss (2) Male NPTF Pipe	6405  O-Ring to Female Pipe Adapter (1) Male SAE O-Ring Boss (2) Female NPTF Pipe	6408  Hex Head O-Ring Plug (1) Male SAE O-Ring Boss SAE 090109	6408HHP  Hollow Hex O-Ring Plug (1) Male SAE O-Ring Boss Uses Allen Wrench SAE 090109B	6410  O-Ring Port Reducer (1) Male SAE O-Ring Boss (2) Female O-Ring Port SAE 090136	6801  90° Straight Thread Elbow (1) Male 37° Flare (2) Male SAE O-Ring Boss SAE 07022	6802  45° Straight Thread Elbow (1) Male 37° Flare (2) Male SAE O-Ring Boss SAE 070320	
6803  Straight Thread Branch Tee (1) (2) Male 37° Flare (3) Male SAE O-Ring Boss SAE 070429	6804  Straight Thread Run Tee (1) (3) Male 37° Flare (2) Male SAE O-Ring Boss SAE 070428	6805  O-Ring / Female Pipe Elbow (1) Male SAE O-Ring Boss (2) Female NPTF Pipe	6806  O-Ring / Male Pipe Elbow (1) Male SAE O-Ring Boss (2) Male NPTF Pipe	6807  Adjustable O-Ring Elbow (1) SAE O-Ring Boss (2) SAE O-Ring Boss	6809  O-Ring / Female JIC Swivel Elbow (1) Male SAE O-Ring Boss (2) Female 37° Flare Swivel	6815  Male / Female O-Ring Elbow (1) Male SAE O-Ring Boss (2) Female O-Ring Port					

BSP & METRIC FITTINGS										
3402  Male BSPP / Female JIC Swivel (1) Male BSPP (2) Female 37° Swivel Hard Seat	3404  Male 37° JIC / Male BSPT (1) Male 37O Flare (2) Male BSPT	3408  BSPP Hex Head Plug (1) Male BSPP	3455  Male BSPP / Female Pipe Adapter (1) Female NPTF Pipe (2) Male BSPP	3800  Male BSPP Connector (1) Male 37° Flare (2) Male BSPP	3801  Male 37° JIC Swivel / Male BSPP 90° (1) Male 37° Flare (2) Male BSPP	7400  Male Metric Connector (1) Male 37° Flare (2) Male Metric Parallel	7408  Metric Parallel Plug (1) Metric Parallel Thread	7455  Metric Parallel to Female Pipe (1) Female NPTF Pipe (2) Male Metric Parallel Thread	7801  Metric Parallel 90° Elbow (1) Male 37° Flare (2) Male Metric Parallel Thread	

THREAD CHART																
Dash Size	2	3	4	5	6	7	8	10	12	14	16	20	24	32	40	48
Tube O.D.	1/8	3/16	1/4	5/16	3/8	7/16	1/2	5/8	3/4	7/8	1	1 1/4	1 1/2	2	2 1/2	3
Hose I.D.	1/8	3/16	1/4	5/16	3/8		1/2	5/8	3/4		1	1 1/4	1 1/2	2	2 1/2	3
JIC 37 Flare 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 5/8 - 12	1 7/8 - 12	2 1/2 - 12	3 - 12	3 1/2 - 12
SAE O-Ring 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 5/8 - 12	1 7/8 - 12	2 1/2 - 12		
NPTF Pipe Thread	1/8 - 27		1/4 - 18		3/8 - 18		1/2 - 14		3/4 - 14		1 - 11 1/2	1 1/4 - 11 1/2	1 1/2 - 11 1/2	2 - 11 1/2	2 1/2 - 8	3 - 8
NPSM Swivel Thread	1/8 - 27		1/4 - 18		3/8 - 18		1/2 - 14		3/4 - 14		1 - 11 1/2	1 1/4 - 11 1/2	1 1/2 - 11 1/2	2 - 11 1/2		
Flat Face Thread			9/16 - 18		11/16 - 16		13/16 - 16	1 - 14	1 3/16 - 12		1 7/16 - 12	1 11/16 - 12	2 - 12			
Code 61 Flange Head O.D.							1.19	1.335	1.50		1.75	2.00	2.38	2.81	3.31	4.0
Code 62 Flange Head O.D.							1.25		1.62		1.88	2.12	2.50	3.12		
British Thread BSPP/BSPT	1/8 - 28		1/4 - 19		3/8 - 19		1/2 - 14		3/4 - 14		1 - 11	1 1/4 - 11	1 1/2 - 11			
Metric Thread	10 M10X1.0	12 M12X1.5	14 M14X1.5	16 M16X1.5	18 M18X1.5	20 M20X1.5	22 M24X1.5	24 M24X1.5	26 M26X1.5	27 M27X2.0	30 M30X2.0	33 M33X2.0	36 M36X2.0	42 M42X2.0	48 M48X2.0	
Copper/Nylon Air Brake Thread			7/16 - 24		17/32 - 24		11/16 - 20	13/16 - 18	1 - 18							
SAE 45° Flare Thread	5/16 - 24	3/8 - 24	7/16 - 20	1/2 - 20	5/8 - 18	11/16 - 24	3/4 - 16	7/8 - 14	1 1/16 - 14							
Inverted Flare Thread	5/16 - 28	3/8 - 28	7/16 - 24	1/2 - 20	5/8 - 18	11/16 - 18	3/4 - 18	7/8 - 18	1 1/16 - 16							
Compression Thread	5/16 - 24	3/8 - 24	7/16 - 24	1/2 - 24	9/16 - 24	5/8 - 24	11/16 - 20	13/16 - 18	1 - 18							

FORCE AMERICA SALES & SERVICE LOCATIONS									
Atlanta, GA	888-293-2325	Chicago, IL	800-433-5765	Denver, CO	888-833-7711	Memphis, TN	888-845-5876	Philadelphia, PA	800-492-6621
Bismarck, ND	800-624-7568	Columbus, OH	888-449-0356	Fort Dodge, IA	800-362-2994	Milwaukee, WI	800-722-5844	Salt Lake City, UT	877-230-0505
Charlotte, NC	800-788-8598	Dallas, TX	800-893-7225	Kansas City, MO	800-383-4724	Minneapolis, MN	800-328-2732	Seattle, WA	800-354-9028