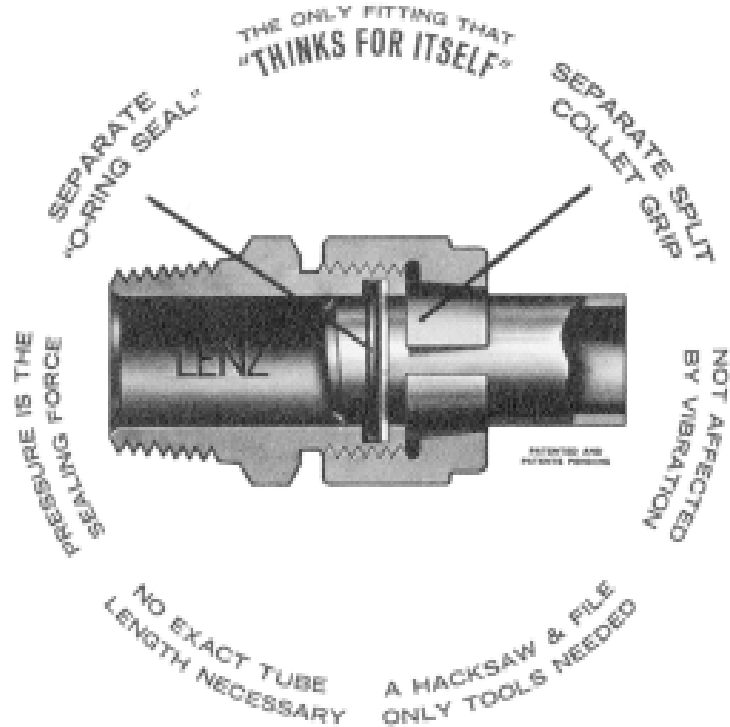


# LENZ



### GENERAL INFORMATION

- SEALING POWER — "O" RING" SEALS THE TUBE, THE HIGHER THE PRESSURE, THE TIGHTER THE SEAL
- SPLIT RING COLLET — GRIPS THE TUBE
- NO METAL TO METAL TUBE
- REMAINS LEAKPROOF — NO MATTER HOW OFTEN REASSEMBLED
- TEFLON BACKUP WASHER
- UNAFFECTED BY VIBRATION
- EVERY PART CAN BE REUSED
- J.I.C. APPROVED MEETS ALL S.A.E. STANDARDS

\* Fittings with tube diameter bored through.

\*\* Tube diameter bored through optional.

100 MALE CONNECTOR TUBE END MALE PIPE END			ORDER INFORMATION	
TUBE O.D.	MALE PIPE THREAD	REFERENCE	STOCK NUMBER	PRICE
1/8"	1/8"	100-2-2	LF00105	6.29
1/4"	1/8"	100-4-2	LF00110	2.35
1/4"	1/4"	100-4-4*	LF00115	2.53
5/16"	1/4"	100-5-4*	LF00120	3.19
3/8"	1/4"	100-6-4	LF00125	2.62
3/8"	1/8"	100-6-2	LF00130	3.30
3/8"	3/8"	100-6-6*	LF00135	2.64
3/8"	1/2"	100-6-8*	LF00140	3.38
1/2"	3/8"	100-8-6	LF00145	3.67
1/2"	1/4"	100-8-4	LF00150	4.19
1/2"	1/2"	100-8-8*	LF00160	3.49
1/2"	3/4"	100-8-12*	LF00165	4.45
5/8"	1/2"	100-10-8	LF00170	4.03
5/8"	3/4"	100-10-12*	LF00175	4.93
3/4"	3/4"	100-12*-12	LF00180	5.18
3/4"	1/2"	100-12-8	LF00185	5.49
7/8"	3/4"	100-14-12	LF00190	6.88
1"	1"	100-16-16**	LF00195	9.54
1"	3/4"	100-16-12	LF00200	9.18
1-1/4"	1-1/4"	100-20-20*	LF00205	14.81
1-1/2"	1-1/2"	100-24-24*	LF00210	22.23
1-1/2"	1-1/4"	100-24-20	LF00213	24.96
2	2	100-32-32	LF00215	56.53

GRAND RAPIDS

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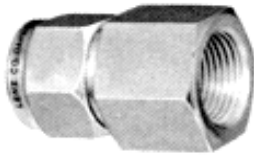
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# O-RING SEAL TUBE FITTINGS

HYDRAULICS

**250 • FEMALE CONNECTOR**  
Tube end - Female Pipe End



250 FEMALE CONNECTOR TUBE END - FEMALE PIPE END			ORDER INFORMATION	
TUBE O.D. (in.)	FEMALE PIPE THREAD	REFERENCE	STOCK NUMBER	PRICE
1/4	1/4	250-4-4	LF01510	3.78
3/8	1/4	250-6-4	LF01515	4.10
3/8	3/8	250-6-6	LF01520	5.04
1/2	3/8	250-8-6	LF01530	4.76
1/2	1/4	250-8-4	LF01525	4.88
1/2	1/2	250-8-8	LF01535	5.06
5/8	1/2	250-10-8	LF01540	5.63
3/4	3/4	250-12-12	LF01545	8.03
3/4	1/2	250-12-8	LF01550	7.82
1	1	250-16-16	LF01560	12.44
1	3/4	250-16-12	LF01565	14.61
1-1/4	1-1/4	250-20-20	LF01570	22.18
1-1/2	1-1/2	250-24-24	LF01575	34.28

**400 • MALE ELBOW**  
Tube end - Male Pipe End



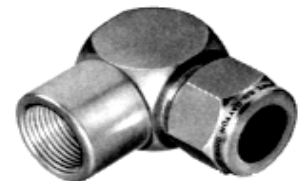
400 MALE ELBOW TUBE END - MALE PIPE END			ORDER INFORMATION	
TUBE O.D. (in.)	MALE PIPE THREAD	REFERENCE	STOCK NUMBER	PRICE
1/4	1/8	400-4	LF01970	4.16
1/4	1/4	400-4-4	LF01975	4.20
5/16	1/8	400-5	LF01977	5.81
5/16	1/4	400-5-4	LF01980	6.05
3/8	1/4	400-6	LF01985	4.23
3/8	1/8	400-6-2	LF01988	4.44
3/8	3/8	400-6-6	LF01995	4.89
3/8	1/2	400-6-8	LF02000	6.04
1/2	3/8	400-8	LF02005	5.79
1/2	1/4	400-8-4	LF02010	5.94
1/2	1/2	400-8-8	LF02015	6.12
1/2	3/4	400-8-12	LF02020	8.70
5/8	1/2	400-10	LF02025	7.20
5/8	3/4	400-10-12	LF02030	9.14
3/4	3/4	400-12	LF02035	9.02
3/4	1/2	400-12-8	LF02040	9.07
1	1	400-16	LF02050	16.56
1	3/4	400-16-12	LF02054	16.39
1-1/4	1-1/4	400-20	LF02055	27.94
1-1/2	1-1/2	400-24	LF02065	40.00
1-1/2	1-1/4	400-24-20	LF02068	41.20
2	2	400-32	LF02070	99.06

**350 • MALE 45° ELBOW**  
Tube end - Male Pipe End



350 MALE 45° ELBOW TUBE END - MALE PIPE END			ORDER INFORMATION	
TUBE O.D. (in.)	MALE PIPE THREAD	REFERENCE	STOCK NUMBER	PRICE
1/4	1/8	350-4-2	LF01820	6.67
3/8	1/4	350-6-4	LF01825	6.72
3/8	3/8	350-6-6	LF01830	7.56
1/2	3/8	350-8-6	LF01835	6.72
3/4	3/4	350-12-12	LF01850	12.20
1	1	350-16-16	LF01855	18.43
1-1/4	1-1/4	350-20-20	LF01860	32.13

**450 • FEMALE ELBOW**  
Tube end - Female Pipe End



450 FEMALE ELBOW TUBE END - FEMALE PIPE END			ORDER INFORMATION	
TUBE O.D. (in.)	FEMALE PIPE THREAD	REFERENCE	STOCK NUMBER	PRICE
1/4	1/8	450-4-2	LF02584	4.98
3/8	1/4	450-6-4	LF02595	6.24
1/2	3/8	450-8-6	LF02610	7.02
1/2	1/4	450-8-4	LF02612	7.12
1/2	1/2	450-8-8	LF02615	7.70
5/8	1/2	450-10-8	LF02620	8.11
3/4	3/4	450-12-12	LF02625	11.23
3/4	1/2	450-12-8	LF02630	10.97
1	1	450-16-16	LF02635	19.89
1	3/4	450-16-12	LF02637	19.86
2	2	450-32-32	LF02655	128.66

**300 • UNION**  
Tube end - Both Ends



300 • UNION TUBE END - BOTH ENDS		ORDER INFORMATION	
TUBE O.D. (in.)	REFERENCE	STOCK NUMBER	PRICE
1/4	300-4	LF01680	5.06
3/8	300-6	LF01685	5.00
1/2	300-8	LF01687	6.34
5/8	300-10	LF01690	8.12
3/4	300-12	LF01695	10.26
7/8	300-14	LF01700	13.94
1	300-16	LF01705	16.74
1-1/4	300-20	LF01710	29.07
1-1/2	300-24	LF01715	42.17
2	300-32	LF01720	94.77

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# O-RING SEAL TUBE FITTINGS

HYDRAULICS

**500 • ELBOW UNION**  
Tube End - Both Openings



**700 • TEE UNION**  
Tube End - All Openings



500 ELBOW UNION TUBE END - BOTH OPENINGS			ORDER INFORMATION	
TUBE O.D. (in.)	REFERENCE	STOCK NUMBER	PRICE	
1/4	500-4	LF02755	5.99	
3/8	500-6	LF02765	6.43	
1/2	500-8	LF02770	8.17	
5/8	500-10	LF02775	9.99	
3/4	500-12	LF02780	12.45	
1	500-16	LF02785	22.38	
1-1/4	500-20	LF02790	36.55	
1-1/2	500-24	LF02795	52.87	
2	500-32	LF02800	129.11	

700• TEE UNION TUBE END - ALL OPENINGS			ORDER INFORMATION	
TUBE O.D. (in.)	REFERENCE	STOCK NUMBER	PRICE	
1/4	700-4	LF03200	8.72	
3/8	700-6	LF03205	9.66	
1/2	700-8	LF03210	11.95	
5/8	700-10	LF03215	14.86	
3/4	700-12	LF03220	18.79	
1	700-16	LF03225	32.63	
1-1/4	700-20	LF03245	53.33	
1-1/2	700-24	LF03270	76.33	
2	700-32	LF03290	189.07	

**600 • MALE BRANCH TEE**  
Tube End - Male Pipe  
Side Outlet



**900 • BULKHEAD UNION**  
Tube Both Ends



600 MALE BRANCH TEE TUBE END - MALE PIPE SIDE OUTLET			ORDER INFORMATION	
TUBE O.D. (in.)	MALE PIPE THREAD	REFERENCE	STOCK NUMBER	PRICE
1/4	1/4	600-4-4-4	LF02900	8.02
3/8	3/8	600-6-6-6	LF02915	9.52
1/2	1/2	600-8-8-8	LF02925	12.98
3/4	3/4	600-12-12-12	LF02935	17.51
7/8	3/4	600-14-14-12	LF02940	22.47
1	1	600-16-16-16	LF02945	26.26

900 • BULKHEAD UNION TUBE BOTH ENDS			ORDER INFORMATION	
TUBE O.D. (in.)	BULKHEAD HOLE DIA.	REFERENCE	STOCK NUMBER	PRICE
1/4	17/32	900-4-4	LF03590	12.62
3/8	21/32	900-6-6	LF03595	8.51
1/2	29/32	900-8-8	LF03600	10.12
3/4	1-5/32	900-12-12	LF03605	16.32
1	1-17/32	900-16-16	LF03607	25.64

**950 • BULKHEAD UNION**  
Tube Both Ends



**650 • FEMALE BRANCH TEE**  
Tube End - Female Pipe  
Side Outlet



950 • BULKHEAD UNION TUBE BOTH ENDS			ORDER INFORMATION	
TUBE O.D. (in.)	BULKHEAD HOLE DIA.	REFERENCE	STOCK NUMBER	PRICE
1/2	29/32	950-8	LF03710	12.31
3/4	1-5/32	950-12	LF03715	18.87
1	1-17/32	950-16	LF03718	33.26

**980 • FEMALE BULKHEAD**  
Tube End  
To Female Pipe End



650 • FEMALE BRANCH TEE TUBE END - FEMALE PIPE SIDE OUTLET			ORDER INFORMATION	
TUBE O.D. (in.)	FEMALE PIPE THREAD	REFERENCE	STOCK NUMBER	PRICE
1/4	1/4	650-4-4-4	LF03050	8.95
1/2	1/2	650-8-8-8	LF03070	12.11
3/4	3/4	650-12-12-12	LF03080	18.51
1-1/2	1-1/2	650-24-24-24	LF03100	79.15

980 • FEMALE BULKHEAD				ORDER INFORMATION	
TUBE O.D. (in.)	BULKHEAD HOLE DIA.	FEMALE PIPE THREAD	REFERENCE	STOCK NUMBER	PRICE
3/8	21/32	1/4	980-6-4	LF03812	8.72
3/8	21/32	3/8	980-6-6	LF03815	9.19
1/2	29/32	3/8	980-8-6	LF03820	10.20
1/2	29/32	1/2	980-8-8	LFO3825	8.87
5/8	1-1/32	1/2	980-10-8	LF03828	11.64
3/4	1-5/32	3/4	980-12-12	LF03833	14.18
1	1-17/32	1	980-16-16	LF03840	24.96

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# O-RING SEAL SAE STRAIGHT THREAD TUBE FITTINGS

HYDRAULICS

**A-100 • MALE CONNECTOR**  
Tube End - SAE Straight  
Thread End



**A-400 • MALE ELBOW**  
Tube End - SAE Straight  
Thread End



MALE CONNECTOR (SAE STRAIGHT THREAD)			ORDER INFORMATION	
TUBE O.D. (in.)	STRAIGHT THREAD	REFERENCE	STOCK NUMBER	PRICE
1/4	7/16-20	A100-4	LF00715	3.13
3/8	9/16-18	A100-6	LF00723	3.40
3/8	3/4-16	A100-6-8	LF00725	3.56
1/2	3/4-16	A100-8	LF00730	3.99
1/2	9/16-18	A100-8-6	LF00732	4.76
1/2	7/8-14	A100-8-10	LF00736	4.66
1/2	1-1/16-20	A100-8-12	LF00731	6.53
5/8	7/8-14	A100-10	LF00733	5.10
5/8	1-1/16-12	A100-10-12	LF00734	6.48
3/4	1-1/16-12	A100-12	LF00735	6.33
3/4	3/4-16	A100-12-8	LF00737	7.19
3/4	7/8-14	A100-12-10	LF00738	8.07
1	1-5/16-12	A100-16	LF00740	11.17
1	1-1/16-12	A100-16-12	LF00743	11.40
1-1/4	1-5/8-12	A100-20	LF00745	19.14
1-1/4	1-5/16-12	A100-20-16	LF00747	28.44
1-1/2	1-7/8-12	A100-24	LF00755	27.64

MALE ELBOW (SAE STRAIGHT THREAD)			ORDER INFORMATION	
TUBE O.D. (in.)	STRAIGHT THREAD	REFERENCE	STOCK NUMBER	PRICE
1/4	7/16-20	A400-4	LF02455	5.52
5/16	1/2-20	A400-5	LF02458	7.59
3/8	9/16-18	A400-6	LF02460	5.57
3/8	3/4-16	A400-6-8	LF02465	7.82
1/2	3/4-16	A400-8	LF02470	7.62
1/2	9/16-18	A400-8-6	LF02471	8.33
1/2	7/8-14	A400-8-10	LF02472	7.91
5/8	7/8-14	A400-10	LF02473	8.48
3/4	1-1/16-12	A400-12	LF02475	10.85
3/4	3/4-16	A400-12-8	LF02476	14.28
1	1-5/16-12	A400-16	LF02480	18.94
1	1-1/16-12	A400-16-12	LF02482	19.56
1-1/4	1-5/16-12	A400-20-16	LF02490	35.84

**A-350 • MALE 45° ELBOW**  
Tube End - SAE Straight  
Thread End



**A-600 • MALE BRANCH TEE**  
Tube End - Tube End  
SAE Straight Thread  
Side Outlet



MALE 45° ELBOW (SAE STRAIGHT THREAD)			ORDER INFORMATION	
TUBE O.D. (in.)	STRAIGHT THREAD	REFERENCE	STOCK NUMBER	PRICE
1/4	7/16-20	A350-4	LF01865	9.99
3/8	9/16-18	A350-6	LF01868	8.68
1/2	3/4-16	A350-8	LF01870	10.29
3/4	1-1/16-12	A350-12	LF01874	15.94
1	1-5/16-12	A350-16	LF01880	25.46

MALE BRANCH TEE (SAE STRAIGHT THREAD)			ORDER INFORMATION	
TUBE O.D. (in.)	STRAIGHT THREAD	REFERENCE	STOCK NUMBER	PRICE
1/4	7/16-20	A600-4	LF02980	10.39
3/8	9/16-18	A600-6	LF02985	11.18
1/2	3/4-16	A600-8	LF02986	13.17
3/4	1-1/16-12	A600-12	LF02990	20.57

# LEAK DETECTION

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**205 • TUBE NUT**  
Used with 165 Sleeve



TUBE NUT				ORDER INFORMATION	
TUBE O.D. (in.)	THREAD SIZE (in.)	HEX SIZE	REFERENCE	STOCK NUMBER	PRICE
1/4	1/2 • 20	5/8	205-4	LF01360	.61
3/8	5/8 • 18	3/4	205-6	LF01370	.74
1/2	7/8 • 14	1	205-8	LF01375	.98
5/8	1 • 14	1-1/8	205-10	LF01380	1.32
3/4	1-1/8 • 12	1-1/4	205-12	LF01385	1.70
1	1-1/2 • 12	1-5/8	205-16	LF01395	3.51
1-1/4	1-3/4 • 12	2	205-20	LF01400	5.57
1-1/2	2 • 12	1-1/4	205-24	LF01405	8.23

**165 • TUBE SLEEVE**  
Used with 205 Nut



TUBE SLEEVE			ORDER INFORMATION	
TUBE O.D. (in.)	LENGTH	REFERENCE	STOCK NUMBER	PRICE
1/4	5/16	165-4	LF01070	.67
5/16	5/16	165-5	LF01075	.94
3/8	5/16	165-6	LF01080	.71
1/2	15/32	165-8	LF01085	.76
5/8	17/32	165-10	LF01095	.79
3/4	9/16	165-12	LF01100	.95
7/8	19/32	165-14	LF01105	1.27
1	21/32	165-16	LF01110	1.73
1-1/4	25/32	165-20	LF01115	2.26
1-1/2	29/32	165-24	LF01120	3.43
2	1-1/8	165-32	LF01125	8.39

**STAINLESS STEEL  
165 SS • TUBE SLEEVE**  
Used with 205 Nut



STAINLESS STEEL TUBE NUT			ORDER INFORMATION	
TUBE O.D. (in.)	LENGTH	REFERENCE	STOCK NUMBER	PRICE
1/4	5/16	165-4SS	LF01071	3.45
3/8	5/16	165-6SS	LF01082	2.94
1/2	15/32	165-8SS	LF01086	3.81
3/4	9/16	165-12SS	LF01102	5.45
1	21/32	165-16SS	LF01112	11.68
1-1/2	29/32	165-24SS	LF01122	20.34

# INSTALLATIONS

### INSTALLATION SERVICE

• TUBING • CYLINDERS • POWER UNITS •

WE WILL CUSTOM INSTALL PRODUCTS FOR YOU

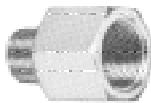
CALL OUR SERVICE DEPARTMENT  
WITH YOUR INSTALLATIONS NEEDS

**APN MALE CONNECTOR**  
SAE Straight Thread  
To Male Pipe Thread



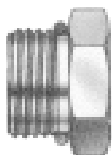
MALE CONNECTOR				ORDER INFORMATION	
TUBE O.D. (in.)	THREAD SIZE (in.)	MALE PIPE THREAD	REFERENCE	STOCK NUMBER	PRICE
1/4	7/16-20	1/8	4APN	LH00420	1.55
1/4	7/16-20	1/4	4-4APN	LH00425	1.73
5/16	1/2-20	1/4	5-4APN	LH00435	3.62
3/8	9/16-18	1/4	6APN	LH00440	1.13
3/8	9/16 -18	3/8	6-6APN	LH00445	2.34
1/2	3/4-16	3/8	8APN	LH00450	1.77
1/2	3/4-16	1/2	8-8APN	LH00455	1.79
5/8	7/8 -14	1/2	10APN	LH00460	2.44
3/4	1-1/16-12	3/4	12APN	LH00465	3.26
1	1-5/16-12	1	16APN	LH00470	5.09
1-1/4	1-5/8-12	1-1/4	20APN	LH00475	8.70
1-1/2	1-7/8-12	1-1/2	24APN	LH00480	24.34

**APC FEMALE CONNECTOR**  
SAE Straight Thread  
To Female Pipe Thread



FEMALE CONNECTOR				ORDER INFORMATION	
TUBE O.D. (in.)	THREAD SIZE (in.)	FEMALE PIPE THREAD	REFERENCE	STOCK NUMBER	PRICE
1/4	7/16-20	1/8	4APC	LH00105	1.18
1/4	7/16-20	1/4	4-4APC	LH00110	1.43
5/16	1/2-20	1/8	5APC	LH00115	1.73
3/8	9/16-18	1/4	6APC	LH00120	1.43
1/2	3/4-16	3/8	8APC	LH00125	1.94
1/2	3/4-16	1/4	8-4APC	LH00130	1.94
1/2	3/4-16	1/2	8-8APC	LH00135	2.40
5/8	7/8-14	1/2	10APC	LH00140	2.37
5/8	7/8-14	1/4	10-4APC	LH00145	2.23
5/8	7/8-14	3/8	10-6APC	LH00150	2.44
5/8	7/8-14	3/4	10-12APC	LH00155	4.81
3/4	1-1/16-2	3/4	12APC	LH00160	3.44
3/4	1-1/16-12	1/2	12-8APC	LH00165	3.53
7/8	1-3/16-12	3/4	14APC	LH00170	4.81
1	1-5/16 • 12	1	16APC	LH00180	5.41
1	1-5/16-12	1/2	16-8APC	LH00185	16.18
1	1-5/8-12	3/4	16-12APC	LH00190	4.64
1-1/4	1-5/8-12	1-1/4	20APC	LH00195	11.48
1-1/4	1-5/8-12	3/4	20-12APC	LH00198	7.40
1-1/4	1-5/8 -12	1	20-16APC	LH00200	8.71
1-1/2	1-7/8-12	1-1/2	24APC	LH00205	18.63

**STP**  
SAE Straight Threadwith "O-ring" To Plug  
Straight Thread Boss

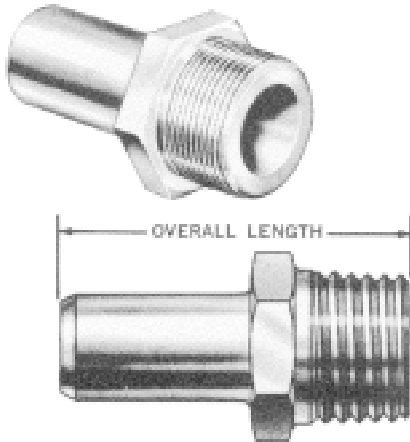


SAE STRAIGHT THREAD PLUG			ORDER INFORMATION	
TUBE O.D. (in.)	STRAIGHT THREAD	REFERENCE	STOCK NUMBER	PRICE
1/4	7/16-20	4STP	LH03165	.91
3/8	9/16 -18	6STP	LH03170	.73
1/2	3/4-16	8STP	LH03175	1.11
5/8	7/8-4	10STP	LH03180	1.72
3/4	1-1/16-12	12STP	LH03185	1.91
7/8	1-3/16-12	14STP	LH03190	2.74
1	1-5/16-12	16STP	LH03195	2.93
1-1/4	1-5/8-12	20STP	LH03200	5.16

# ACCESSORIES FOR O-RING SEAL FITTINGS, NIPPLE & ADAPTERS

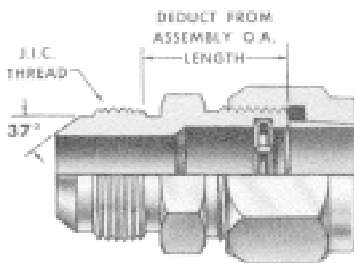
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## TPN - Tube - Pipe Nipples



TUBE PIPE NIPPLE				ORDER INFORMATION	
TUBE O.D. (in.)	MALE PIPE THREAD	OVERALL LENGTH	REFERENCE	STOCK NUMBER	PRICE
1/4	1/8	1-5/8	4TPN	LF04390	2.51
3/8	1/4	1-29/32	6TPN	LF04395	1.87
1/2	3/8	2-5/32	8TPN	LF04400	2.40
5/8	1/2	2-7/16	10TPN	LF04405	3.55
3/4	3/4	2-9/16	12TPN	LF04410	4.15
1	1	2-15/16	16TPN	LF04420	13.27
2	2	4-7/32	32TPN	LF04430	32.85

## LENZ 100-F • STRAIGHT ADAPTER



### LENZ "O-RING SEAL" TUBE END TO JIC THREAD

An exclusive Lenz Adapter Fitting, offering many unusual time-saving applications. Especially useful in making swivel hose end connections to tube outlets, utilizing the patented features of "O-Ring Seal" on the tube end.

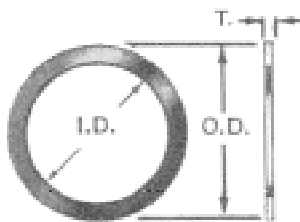
STRAIGHT ADAPTER				ORDER INFORMATION	
TUBE O.D. (in.)	J.I.C. THREAD	OVERALL LENGTH	REFERENCE	STOCK NUMBER	PRICE
5/16	1/2-20	1-1/2	100-5-F5	LF00327	24.23
3/8	9/16-18	1-19/32	100-6-F6	LF00330	4.32
1/2	3/4-16	1-15/16	100-8-F8	LF00335	4.86
5/8	7/8-14	2-11/64	100-10-F10	LF00340	8.06
3/4	1 1/16-12	2-7/16	100-12-F12	LF00345	8.91
1	1 5/16-12	2-23/32	100-16-F16	LF00355	12.29
1 1/4	1 5/8-12	3	100-20-F20	LF00360	20.70

# O-RING SEAL COMPONENTS & SAE STRAIGHT THREAD ADAPTERS

HYDRAULICS

## 175 • ANTI EXTRUSION TEFLON BACK UP WASHERS

In the exclusive, patented design of Lenz "O-Ring Seal" Tube Fittings, the Teflon Back-Up Washer prevents extrusion of the O-Ring and adds to the performance and service of the fittings.



BACK-UP WASHER					ORDER INFORMATION	
TUBE O.D. (in.)	I.D.	O.D.	T	REFERENCE	STOCK NUMBER	PRICE
3/8	3/8	1/2	1/32	175-6	LF01235	.20
1/2	1/2	11/16	1/32	175-8	LF01240	.21
5/8	5/8	13/16	1/32	175-10	LF01245	.23
3/4	3/4	15/16	1/32	175-12	LF01250	.26
7/8	7/8	1-1/16	1/32	175-14	LF01255	.29
1	1	1-1/4	1/32	175-16	LF01260	.31
1-1/4	1-1/4	1-1/2	1/32	175-20	LF01265	.39
1-1/2	1-1/2	1-3/4	1/32	175-24	LF01275	.54

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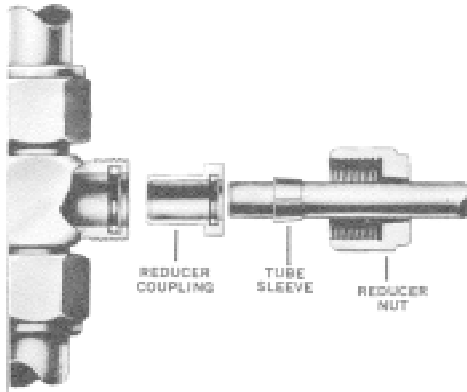
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# O-RING SEAL COMPONENTS & SAE STRAIGHT THREAD ADAPTERS

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## 140 "O-RING SEAL" TUBE REDUCER ADAPTERS



### COMPACT

The Lenz exclusive Tube Reducer Adapter makes possible line reductions on any leg by the use of standard adapters and adapter nuts.

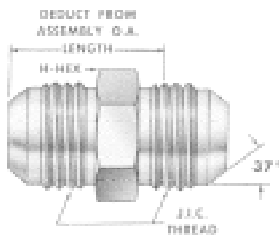
**Note:** When reducer is ordered as part of a fitting, credit will be given for the standard nut and tube sleeve which are replaced by the reducer nut and reducer tube sleeve.

TUBE REDUCER ADAPTER				ORDER INFORMATION	
TUBE END REDUCTION	NUT HEX	INCREASE IN FITTING LENGTH	REFERENCE	STOCK NUMBER	PRICE
3/8-1/4	3/4	9/32	140-6X4	LF00855	7.68
1/2-1/4	1	NO CHANGE	140-8X4	LF00860	5.17
1/2-3/8	1	3/16	140-8X6	LF00870	4.09
5/8-1/4	1-1/8	1/16 SHORTER	140-10X4	LF00875	9.07
5/8-3/8	1-1/8	1/16 SHORTER	140-10X6	LF00880	5.45
5/8-1/2	1-1/8	5/16	140-10X8	LF00885	5.35
3/4-3/8	1-1/4	1/16 SHORTER	140-12X6	LF00900	5.27
3/4-1/2	1-1/4	9/32	140-12X8	LF00905	5.32
1-1/2	1-5/8	1/16 SHORTER	140-16X8	LF00915	7.84
1-5/8	1-5/8	NO CHANGE	140-16X10	LF00920	9.57
1-3/4	1-5/8	1/4	140-16X12	LF00924	8.22
1-1/4-3/8	2	5/16 SHORTER	140-20X6	LF00929	15.97
1-1/4-1/2	2	3/16 SHORTER	140-20X8	LF00930	13.61
1-1/4-3/4	2	3/32 SHORTER	140-20X12	LF00935	13.43
1-1/4-1	2	11/32	140-20X16	LF00940	13.88
1-1/2-3/4	2-1/4	7/32 SHORTER	140-24X12	LF00955	22.41
1-1/2-1	2-1/4	3/32 SHORTER	140-24X16	LF00960	20.03
1-1/2-1-1/4	2-1/4	11/32	140-24X20	LF00965	20.53
2-1-1/2	3	1/16 SHORTER	140-32X24	LF00970	50.45

# 37° FLARE TUBE FITTINGS

HYDRAULICS

## 3305 UNION ADAPTER JIC Thread to JIC Thread



TUBE REDUCER ADAPTER				ORDER INFORMATION		
TUBE O.D.	JIC THREAD	HEX	DEDUCT FROM ASS'Y O.A. LENGTH	REFERENCE	STOCK NUMBER	PRICE
1/4	7/16-20	1/2	13/16	3305-4	LI01385	1.27
5/16	1/2-20	9/16	13/16	3305-5	LI01390	1.31
3/8	9/16-18	5/8	7/8	3305-6	LI01392	.99
1/2	3/4-16	13/16	1-1/32	3305-8	LI01395	1.47
5/8	7/8-14	15/16	1-1/8	3305-10	LI01400	1.99
3/4	1-1/16-12	1-1/8	1-13/32	3305-12	LI01405	2.79
7/8	1-3/16-12	1-1/4	1-7/16	3305-14	LI01410	4.64
1	1-5/16-12	1-3/8	1-7/16	3305-16	LI01415	3.90
1-1/4	1-5/8-12	1-3/4	1-15/32	3305-20	LI01420	7.90
1-1/2	1-7/8-12	2	1-5/8	3305-24	LI01425	17.14
2	2-1/2-12	2-5/8	1-7/8	3305-32	LI01430	59.23

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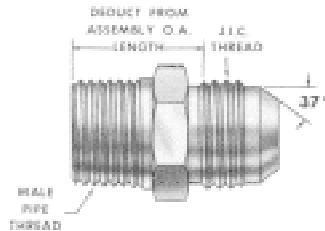
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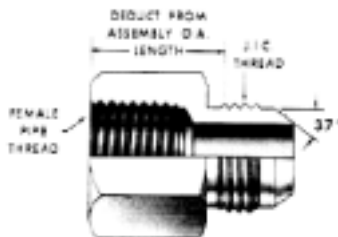
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## 3105 MALE ADAPTER Male Pipe To J.I.C. Thread



MALE ADAPTER - MALE PIPE TO J.I.C. THREAD				ORDER INFORMATION	
MALE PIPE THREAD	TUBE O.D.	JIC THREAD	REFERENCE	STOCK NUMBER	PRICE
1/8	1/4	7/16-20	3105-4	LI00379	.81
1/4	1/4	7/16-20	3105-4-4	LI00380	.73
3/8	1/4	7/16-20	3105-4-6	LI00385	1.31
1/8	5/16	1/2-20	3105-5	LI00390	1.01
1/4	5/16	1/2-20	3105-5-4	LI00395	1.27
1/4	3/8	9/16-18	3105-6	LI00400	.84
1/8	3/8	9/16-18	3105-6-2	LI00402	.93
3/8	3/8	9/16-18	3105-6-6	LI00405	1.01
1/2	3/8	9/16-18	3105-6-8	LI00410	1.35
3/8	1/2	3/4-16	3105-8	LI00415	1.00
1/4	1/2	3/4-16	3105-8-4	LI00420	1.35
1/2	1/2	3/4-16	3105-8-8	LI00425	1.40
3/4	1/2	3/4-16	3105-8-12	LI00430	2.38
1/2	5/8	7/8-14	3105-10	LI00435	1.85
3/4	5/8	7/8-14	3105-10-12	LI00440	2.38
3/4	3/4	1-1/16-12	3105-12	LI00445	2.18
1/2	3/4	1-1/16-12	3105-12-8	LI00455	2.33
1	3/4	1-1/16-12	3105-12-16	LI00460	3.56
3/4	7/8	1-3/16-12	3105-14	LI00465	3.82
1	1	1-5/16-12	3105-16	LI00470	3.37
3/4	1	1-5/16-12	3105-16-12	LI00475	3.59
1-1/4	1-1/4	1-5/8-12	3105-20	LI00480	6.05
1	1-1/4	1-5/8-12	3105-20-16	LI00485	7.69
1-1/2	1-1/2	1-7/8-12	3105-24	LI00490	10.83
2	2	2-1/2-12	3105-32	LI00495	25.02

## 3255 FEMALE ADAPTER Female Pipe To J.I.C. Thread



FEMALE ADAPTER - FEMALE PIPE TO J.I.C. THREAD				ORDER INFORMATION	
FEMALE PIPE THREAD	TUBE O.D.	JIC THREAD	REFERENCE	STOCK NUMBER	PRICE
1/8	1/4	7/16-20	3255-4	LI01230	.84
1/4	1/4	7/16-20	3255-4-4	LI01235	1.22
1/4	5/16	1/2-20	3255-5-4	LI01237	1.94
1/4	3/8	9/16-18	3255-6	LI01240	1.17
3/8	3/8	9/16-18	3255-6-6	LI01245	1.62
3/8	1/2	3/4-16	3255-8	LI01250	1.47
1/2	1/2	3/4-16	3255-8-8	LI01255	1.47
1/2	5/8	3/8-14	3255-10	LI01260	2.85
3/4	3/4	1-1/16-12	3255-12	LI01265	4.25
1/2	3/4	1-1/16-12	3255-12-8	LI01267	5.82
3/4	7/8	1-3/16-12	3255-14	LI01270	5.64
1	1	1-5/16-12	3255-16	LI01275	6.39
3/4	1	1-5/16-12	3255-16-12	LI01277	6.39
1-1/4	1-1/4	1-5/8-12	3255-20	LI01280	13.86

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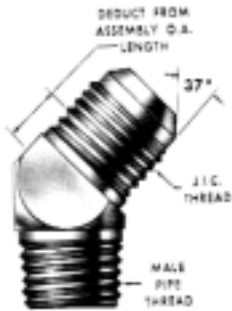
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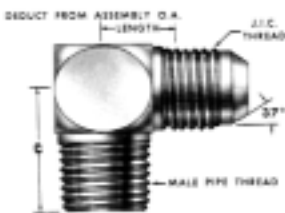
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## 3355 45° ELBOW ADAPTER Male Pipe to JIC Thread



45° ELBOW ADAPTER					ORDER INFORMATION	
MALE PIPE THREAD	TUBE O.D.	JIC THREAD	DEDUCT FROM ASS'Y O.A. LENGTH	REFERENCE	STOCK NUMBER	PRICE
1/8	1/4	7/16-20	5/16	3355-4	LI01530	2.67
1/4	1/4	7/16-20	13/32	3355-4-4	LI01535	3.02
1/4	3/8	9/16-18	7/16	3355-6	LI01545	4.00
3/8	3/8	9/16-18	15/32	3355-6-6	LI01550	4.03
1/2	3/8	9/16-18	5/8	3355-6-8	LI01555	4.39
3/8	1/2	3/4-16	7/16	3355-8	LI01565	3.73
1/4	1/2	3/4-16	7/16	3355-8-4	LI01560	4.65
1/2	1/2	3/4-16	19/32	3355-8-8	LI01570	4.76
3/4	1/2	3/4-16	11/16	3355-8-12	LI01575	8.03
1/2	5/8	7/8-14	1/2	3355-10	LI01580	4.76
3/4	3/4	1-1/16-12	19/32	3355-12	LI01590	7.56
1/2	3/4	1-1/16-12	1/2	3355-12-8	LI01595	7.49
1	1	1-5/16-12	23/32	3355-16	LI01605	9.70
1-1/4	1-1/4	1-5/8-12	13/16	3355-20	LI01610	17.55
1-1/2	1-1/2	1-7/8-12	13/16	3355-24	LI01615	24.51

## 3405 MALE ELBOW ADAPTER Male Pipe to JIC Thread



90° MALE ELBOW ADAPTER					ORDER INFORMATION		
MALE PIPE THREAD	TUBE O.D.	JIC THREAD	C	DEDUCT FROM ASS'Y O.A. LENGTH	REFERENCE	STOCK NUMBER	PRICE
1/8	1/4	7/16-20	25/32	15/32	3405-4	LI01840	1.94
1/4	1/4	7/16-20	1-1/16	19/32	3405-4-4	LI01845	2.99
3/8	1/4	7/16-20	1-3/16	21/32	3405-4-6	LI01850	3.15
1/4	5/16	1/2-20	1-1/16	19/32	3405-5-4	LI01855	2.50
1/4	3/8	9/16-18	1-3/16	19/32	3405-6	LI01860	2.39
1/8	3/8	9/16-18	7/8	9/16	3405-6-2	LI01863	2.50
3/8	3/8	9/16-18	1-3/16	23/32	3405-6-6	LI01865	3.12
1/2	3/8	9/16-18	1-7/16	27/32	3405-6-8	LI01870	3.83
3/8	1/2	3/4-16	1-7/32	23/32	3405-8	LI01880	3.30
1/4	1/2	3/4-16	1-5/32	23/32	3405-8-4	LI01875	4.17
1/2	1/2	3/4-16	1-7/16	7/8	3405-8-8	LI01885	3.76
3/4	1/2	3/4-16	1-9/16	31/32	3405-8-12	LI01890	5.67
1/2	5/8	7/8-14	1-15/32	25/32	3405-10	LI01895	4.20
3/4	5/8	7/8-14	1-9/16	29/32	3405-10-12	LI01900	6.10
3/4	3/4	1-1/16-12	1-19/32	31/32	3405-12	LI01910	5.94
1/2	3/4	1-1/16-12	1-9/16	15/16	3405-12-8	LI01905	6.34
3/4	7/8	1-3/16-12	1-5/8	1-1/32	3405-14	LI01915	9.04
1	1	1-5/16-12	1-31/32	1-1/16	3405-16	LI01920	9.76
3/4	1	1-5/16-12	1-23/32	1-1/16	3405-16-12	LI01925	9.76
1-1/4	1-1/4	1-5/8-12	2-3/8	1-1/4	3405-20	LI01930	16.96
1-1/2	1-1/2	1-7/8-12	2-5/8	1-13/32	3405-24	LI01935	23.97
1-1/4	1-1/2	1-7/8-12	2-2/2	1-13/32	3405-24-20	LI01938	27.91
2	2	2-1/2-12	3	1-13/16	3405-32	LI01940	51.83

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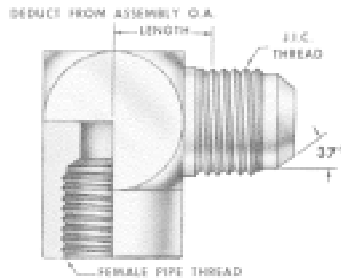
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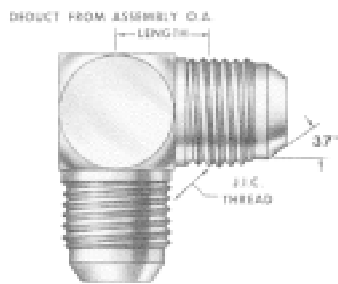
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## 3455 FEMALE ELBOW ADAPTER Female Pipe to JIC Thread



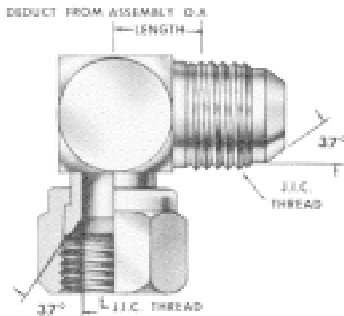
FEMALE ELBOW ADAPTER					ORDER INFORMATION	
FEMALE PIPE THREAD	TUBE O.D.	JIC THREAD	DEDUCT FROM ASS'Y O.A. LENGTH	REFERENCE	STOCK NUMBER	PRICE
1/4	1/4	7/16-20	3/4	3455-4-4	LI02210	3.02
1/4	3/8	9/16-18	25/32	3455-6-4	LI02215	2.93
3/8	3/8	9/16-18	27/32	3455-6-6	LI02220	3.71
3/8	1/2	3/4-16	7/8	3455-8-6	LI02225	4.01
1/2	1/2	3/4-16	7/8	3455-8-8	LI02230	5.34
3/4	3/4	1-1/16-12	1-7/32	3455-12-12	LI02240	9.06
1	1	1-5/16-12	1-13/32	3455-16	LI02250	14.04

## 3505 UNION ELBOW ADAPTER Male Pipe to JIC Thread



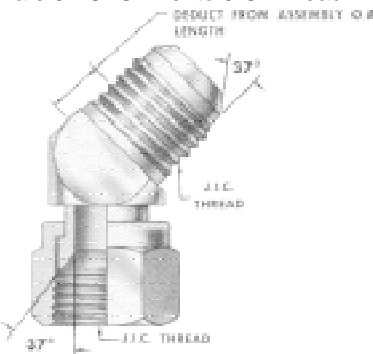
UNION ELBOW ADAPTER				ORDER INFORMATION	
TUBE O.D.	JIC THREAD	DEDUCT FROM ASS'Y O.A. LENGTH	REFERENCE	STOCK NUMBER	PRICE
1/4	7/16-20	1/2	3505-4	LI02360	2.09
3/8	9/16-18	5/8	3505-6	LI02365	2.59
1/2	3/4-16	23/32	3505-8	LI02370	3.44
5/8	7/8-14	3/4	3505-10	LI02375	4.35
3/4	1-1/16-12	31/32	3505-12	LI02380	6.84
1	1-5/16-12	1-1/16	3505-16	LI02385	10.36
1-1/4	1-5/8-12	1-1/4	3505-20	LI02390	18.49

## 3505SW SWIVEL NUT 90° ELBOW ADAPTER Female J.I.C. Swivel to JIC Thread



SWIVEL NUT 90° ELBOW ADAPTER				ORDER INFORMATION	
TUBE O.D.	JIC THREAD	DEDUCT FROM ASS'Y O.A. LENGTH	REFERENCE	STOCK NUMBER	PRICE
1/4	7/16-20	15/32	3505SW-4	LI02490	2.75
5/16	1/2-20	17/32	3505SW-5	LI02497	3.52
3/8	9/16-18	9/16	3505SW-6	LI02495	3.02
1/2	3/4-16	11/16	3505SW-8	LI02500	3.95
5/8	7/8-14	3/4	3505SW-10	LI02505	6.78
3/4	1-1/16-12	15/16	3505SW-12	LI02510	8.13
1	1-5/16-12	1-1/32	3505SW-16	LI02520	13.88
1-1/4	1-5/8-12	1-1/4	3505SW-20	LI02525	24.10

## 3355SW SWIVEL NUT 45° ELBOW ADAPTER Female J.I.C. Swivel to JIC Thread



SWIVEL NUT ELBOW ADAPTER				ORDER INFORMATION	
FEMALE PIPE THREAD	JIC THREAD	DEDUCT FROM ASS'Y O.A. LENGTH	REFERENCE	STOCK NUMBER	PRICE
1/4	7/16-20	5/16	3355SW-4	LI01710	3.56
5/16	1/2-20	5/16	3355SW-5	LI01712	9.23
3/8	9/16-18	7/16	3355SW-6	LI01715	3.86
1/2	3/4-16	7/16	3355SW-8	LI01720	4.62
5/8	7/8-14	1/2	3355SW-10	LI01725	6.96
3/4	1-1/16-12	19/32	3355SW-12	LI01730	8.35
1	1-5/16-12	23/32	3355SW-16	LI01735	13.61

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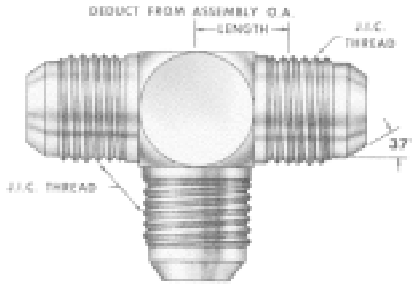
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# 37° FLARE TUBE FITTINGS

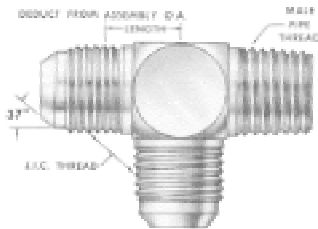
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## 3705 UNION TEE ADAPTER JIC Thread All Outlets



UNION TEE ADAPTER				ORDER INFORMATION	
TUBE O.D.	JIC THREAD	DEDUCT FROM ASS'Y O.A. LENGTH	REFERENCE	STOCK NUMBER	PRICE
1/4	7/16-20	1/2	3705-4	LI02845	4.01
5/16	1/2-20	17/32	3705-5	LI02847	4.59
3/8	9/16-18	5/8	3705-6	LI02850	3.68
1/2	3/4-16	23/32	3705-8	LI02855	4.73
5/8	7/8-14	3/4	3705-10	LI02860	6.51
3/4	1-1/16-12	31/32	3705-12	LI02865	9.06
1	1-5/16-12	1-1/16	3705-16	LI02870	13.72

## 3755 MALE RUN TEE ADAPTER Male Pipe One End, J.I.C. Thread End, And Branch



UNION ELBOW ADAPTER					ORDER INFORMATION	
MALE PIPE THREAD	TUBE O.D.	JIC THREAD	DEDUCT FROM ASS'Y O.A. LENGTH	REFERENCE	STOCK NUMBER	PRICE
1/8	1/4	7/16-20	15/32	3755-4-2-4	LI02975	3.80
1/4	3/8	9/16-18	19/32	3755-6-4-6	LI02980	3.77
3/8	3/8	9/16-18	21/32	3755-6-6-6	LI02985	5.27
1/2	5/8	7/8-14	25/32	3755-10-8-10	LI03005	7.80
3/4	3/4	1-1/16-12	31/32	3755-12-12-12	LI03010	7.96

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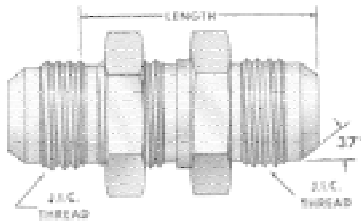
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# 37° FLARE TUBE FITTINGS

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**3905 STRAIGHT BULKHEAD UNION ADAPTER**  
JIC Thread To JIC Bulkhead Thread

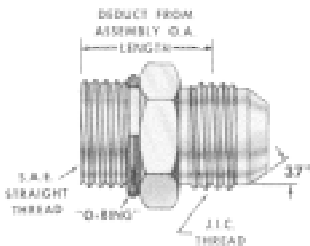


STRAIGHT BULKHEAD UNION				ORDER INFORMATION	
TUBE O.D.	JIC THREAD	DEDUCT FROM ASS'Y O.A. LENGTH	REFERENCE	STOCK NUMBER	PRICE
1/4	7/16-20	1-5/8	3905-4	LI03355	3.31
3/8	9/16-18	1-23/32	3905-6	LI03360	5.69
1/2	3/4-16	1-15/16	3905-8	LI03365	3.12
5/8	7/8-14	2 1/32	3905-10	LI03370	4.10
3/4	1-1/16-12	2 11/32	3905-12	LI03375	5.30
1	1-5/16-12	2 11/32	3905-16	LI03380	8.05

# 37° FLARE S.A.E. STRAIGHT THREAD TUBE FITTINGS

HYDRAULICS

**A3105 SAE STRAIGHT THREAD ADAPTER**  
SAE Straight Thread To J.I.C. Thread



SAE STRAIGHT THREAD ADAPTER				ORDER INFORMATION		
TUBE O.D.	SAE STRAIGHT THREAD	JIC THREAD	DEDUCT FROM ASS'Y O.A. LENGTH	REFERENCE	STOCK NUMBER	PRICE
1/4	7/16-20	7/16-20	5/8	A3105-4-4	LI00600	.95
1/4	1/2-20	7/16-20	5/8	A3105-4-5	LI00604	2.41
5/16	1/2-20	1/2-20	19/32	A3105-5	LI00608	1.61
3/8	9/16-18	9/16-18	11/16	A3105-6	LI00610	1.05
3/8	3/4-16	9/16-18	3/4	A3105-6-8	LI00612	1.55
1/2	3/4-16	3/4-16	13/16	A3105-8	LI00615	1.40
1/2	9/16-18	3/4-16	3/4	A3105-8-6	LI00620	1.82
1/2	7/8-14	3/4-16	15/16	A3105-8-10	LI00625	2.19
1/2	1-1/16-12	3/4-16	1-3/32	A3105-8-12	LI00626	2.97
5/8	7/8-14	7/8-14	7/8	A3105-10	LI00630	2.14
5/8	3/4-16	7/8-14	25/32	A3105-10-8	LI00632	2.26
3/4	1-1/16-12	1-1/16-12	1-5/32	A3105-12	LI00635	3.35
3/4	1-5/16-12	1-1/16-12	1-5/32	A3105-12-16	LI00640	5.28
7/8	1-3/16-12	1-3/16-12	1-5/32	A3105-14	LI00645	5.12
1	1-5/16-12	1-5/16-12	1-1/8	A3105-16	LI00650	4.39
1	1-1/16-12	1-5/16-12	1-1/8	A3105-16-12	LI00655	4.53
1-1/4	1-5/8-12	1-5/8-12	1-1/8	A3105-20	LI00660	7.36
1-1/2	1-7/8-12	1-7/8-12	1-1/8	A3105-24	LI00663	14.05

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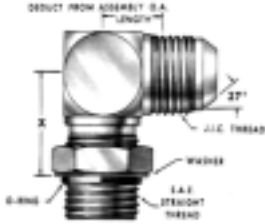
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# 37° FLARE S.A.E. STRAIGHT THREAD TUBE FITTINGS

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**A3405 SAE STRAIGHT THREAD ELBOW ADAPTER**  
SAE Straight Thread To J.I.C. Thread

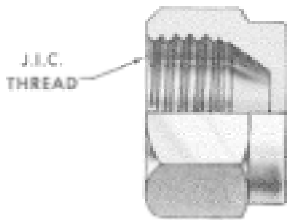


SAE STRAIGHT THREAD ELBOW ADAPTER						ORDER INFORMATION	
TUBE O.D.	SAE STRAIGHT THREAD	JIC THREAD	X	DEDUCT FROM ASS'Y O.A. LENGTH	REFERENCE	STOCK NUMBER	PRICE
1/4	7/16-20	7/16-20	41/64	15/32	A3405-4	LI02040	2.95
1/4	9/16-18	7/16-20	53/64	21/32	A3405-4-6	LI02045	3.63
5/16	1/2-20	1/2-20	45/64	17/32	A3405-5	LI02050	3.54
3/8	9/16-18	9/16-18	53/64	9/16	A3405-6	LI02060	3.19
3/8	7/16-20	9/16-18	45/64	19/32	A3405-6-4	LI02055	3.44
3/8	3/4-16	9/16-18	31/32	5/8	A3405-6-8	LI02065	4.81
1/2	3/4-16	3/4-16	31/32	11/16	A3405-8	LI02075	4.59
1/2	9/16-18	3/4-16	57/64	11/16	A3405-8-6	LI02070	4.24
5/8	7/8-14	7/8-14	1-5/32	3/4	A3405-10	LI02080	6.43
3/4	1-1/16-12	1-1/16-12	1-19/64	15/16	A3405-12	LI02085	8.65
3/4	1-5/16-12	1-1/16-12	1-13/32	1-7/32	A3405-12-16	LI02090	13.11
7/8	1-3/16-12	1-3/16-12	1-11/32	1	A3405-14	LI02095	15.49
1	1-5/16-12	1-5/16-12	1-13/32	1-1/32	A3405-16	LI02100	13.41
1	1-1/16-12	1-5/16-12	1-13/32	1-1/32	A3405-16-12	LI02103	12.16
1-1/4	1-5/8-12	1-5/8-12	1-39/64	1-7/32	A3405-20	LI02105	22.32
1-1/2	1-7/8-12	1-7/8-12	1-3/4	1-13/32	A3405-24	LI02110	32.12

# J.I.C. NUTS, PLUGS, SLEEVES, REDUCERS

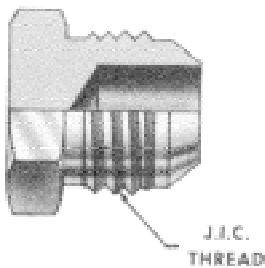
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**2205C J.I.C. CAP NUT**  
To Cap J.I.C. Fitting End



J.I.C. CAP NUT			ORDER INFORMATION	
TUBE O.D.	JIC THREAD	REFERENCE	STOCK NUMBER	PRICE
1/4	7/16-20	2205C-4	LI00105	.61
5/16	1/2-20	2205C-5	LI00107	.71
3/8	9/16-18	2205C-6	LI00110	.83
1/2	3/4-16	2205C-8	LI00115	.96
5/8	7/8-14	2205C-10	LI00120	1.54
3/4	1-1/16-12	2205C-12	LI00125	2.23
1	1-5/16-12	2205C-16	LI00130	3.57
1-1/4	1-5/8-12	2205C-20	LI00135	7.28
1-1/2	1-7/8-12	2205C-24	LI00140	13.90
2	2-1/2-12	2205C-32	LI00145	48.32

**3105P J.I.C. FLARE TUBE PLUG**  
Screw Into Nut To Plug Line



J.I.C. FLARE TUBE			ORDER INFORMATION	
TUBE O.D.	JIC THREAD	REFERENCE	STOCK NUMBER	PRICE
1/4	7/16-20	3105P-4	LI00225	1.15
5/16	1/2-20	3105P-5	LI00227	.94
3/8	9/16-18	3105P-6	LI00230	1.34
1/2	3/4-16	3105P-8	LI00245	1.23
5/8	7/8-14	3105P-10	LI00250	1.68
3/4	1-1/16-12	3105P-12	LI00255	2.16
1	1-5/16-12	3105P-16	LI00260	3.27
1-1/4	1-5/8-12	3105P-20	LI00265	5.30

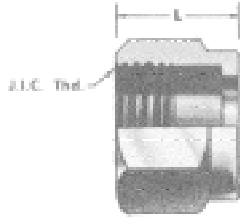
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**3205 J.I.C. TUBE NUT**  
(Use With 3165 Sleeve)



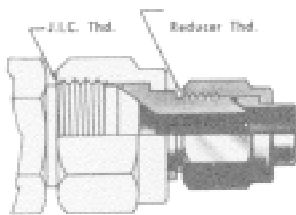
J.I.C. CAP NUT				ORDER INFORMATION	
TUBE O.D. (in.)	JIC THREAD	L	REFERENCE	STOCK NUMBER	PRICE
1/4	7/16-20	5/8	3205-4	LI01080	.47
5/16	1/2-20	11/16	3205-5	LI01089	.47
3/8	9/16-18	23/32	3205-6	LI01090	.47
1/2	3/4-16	27/32	3205-8	LI01095	.73
5/8	7/8-14	31/32	3205-10	LI01100	.93
3/4	1-1/16-12	1-1/32	3205-12	LI01105	1.45
7/8	1-3/16-12	1-3/32	3205-14	LI01110	2.31
1	1-5/16-12	1-1/8	3205-16	LI01115	2.15
1-1/2	1-7/8-12	1-13/32	3205-24	LI01125	5.09

**3165 J.I.C. TUBE SLEEVE**  
(Use With 3205 Nut)



J.I.C. TUBE SLEEVE			ORDER INFORMATION	
TUBE O.D. (in.)	L	REFERENCE	STOCK NUMBER	PRICE
1/4	13/32	3165-4	LI00930	.23
5/16	7/16	3165-5	LI00935	.32
3/8	1/2	3165-6	LI00940	.38
1/2	9/16	3165-8	LI00945	.38
5/8	21/32	3165-10	LI00950	.48
3/4	11/16	3165-12	LI00955	.59
7/8	3/4	3165-14	LI00960	1.26
1	25/32	3165-16	LI00965	1.04
1-1/4	29/32	3165-20	LI00970	2.48
1-1/2	1-1/8	3165-24	LI00975	4.29
2	1-3/16	3165-32	LI00980	12.01

**3140 J.I.C. TUBE REDUCER**



J.I.C. TUBE REDUCER				ORDER INFORMATION	
TUBE END REDUCTION	JIC THREAD	REDUCER J.I.C. THREAD	REFERENCE	STOCK NUMBER	PRICE
3/8 TO 1/4	29/32	27/32	3140-6-4	LI00700	2.01
1/2 TO 1/4	29/32	25/32	3140-8-4	LI00705	3.68
1/2 TO 3/8	29/32	27/32	3140-8-6	LI00710	2.45
5/8 TO 3/8	15/16	13/16	3140-10-6	LI00715	5.42
5/8 TO 1/2	1	31/32	3140-10-8	LI00720	3.64
3/4 TO 1/4	31/32	7/8	3140-12-4	LI00725	7.19
3/4 TO 3/8	31/32	29/32	3140-12-6	LI00730	7.05
3/4 TO 1/2	1-1/16	1-1/32	3140-12-8	LI00735	4.72
3/4 TO 5/8	1-1/32	1-1/8	3140-12-10	LI00740	4.84
1 TO 3/4	1-11/32	1-1/4	3140-16-12	LI00745	7.88
1-1/4 TO 3/4	1-13/32	1-9/32	3140-20-12	LI00750	18.46

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# STANDARD STEEL PIPE FITTINGS

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## HB HEX BUSHINGS



## PRC PIPE REDUCING CONNECTORS



HEX BUSHING					ORDER INFORMATION	
MALE PIPE THREAD	FEMALE PIPE THREAD	HEX SIZE	LENGTH	REFERENCE	STOCK NUMBER	PRICE
1/4	1/8	5/8	27/32	4-2HB	LH01005	.85
3/8	1/8	3/4	27/32	6-2HB	LH01010	1.03
3/8	1/4	3/4	27/32	6-4HB	LH01015	1.03
1/2	1/8	7/8	1-7/64	8-2HB	LH01020	2.21
1/2	1/4	7/8	1-7/64	8-4HB	LH01025	1.40
1/2	3/8	7/8	1-7/64	8-6HB	LH01030	1.40
3/4	1/4	1-1/8	1-3/16	12-4HB	LH01035	2.09
3/4	3/8	1-1/8	1-3/16	12-6HB	LH01040	2.09
3/4	1/2	1-1/8	1-11/64	12-8HB	LH01045	2.09
1	1/4	1-3/8	1-23/64	16-4HB	LH01050	4.39
1	3/8	1-3/8	1-23/64	16-6HB	LH01055	4.39
1	1/2	1-3/8	1-23/64	16-8HB	LH01060	2.98
1	3/4	1-3/8	1-23/64	16-12HB	LH01065	2.98
1-1/4	1/2	1-3/4	1-15/32	20-8HB	LH01085	7.10
1-1/4	3/4	1-3/4	1-15/32	20-12HB	LH01090	6.21
1-1/4	1	1-3/4	1-15/32	20-16HB	LH01095	6.18
1-1/2	1/2	2	1-37/64	24-8HB	LH01100	9.93
1-1/2	3/4	2	1-37/64	24-12HB	LH01105	9.93
1-1/2	1	2	1-37/64	24-16HB	LH01110	9.04
1-1/2	1-1/4	2	1-37/64	24-20HB	LH01115	9.04
2	3/4	2-1/2	1-3/4	32-12HB	LH01125	18.03
2	1	2-1/2	1-3/4	32-16HB	LH01130	16.67
2	1-1/4	2-1/2	1-3/4	32-20HB	LH01135	15.82
2	1-1/2	2-1/2	1-3/4	32-24HB	LH01140	15.82

PIPE REDUCING CONNECTOR					ORDER INFORMATION	
MALE PIPE THREAD	FEMALE PIPE THREAD	HEX SIZE	LENGTH	REFERENCE	STOCK NUMBER	PRICE
1/8	1/4	3/4	1-3/32	2-4PRC	LH02080	1.63
1/8	3/8	7/8	1-9/32	2-6PRC	LH02085	6.34
1/4	1/4	3/4	1-5/16	4PRC	LH02090	2.59
1/4	1/8	5/8	1	4-2PRC	LH02092	6.60
1/4	3/8	7/8	1-1/2	4-6PRC	LH02095	2.03
1/4	1/2	1-1/8	1-5/8	4-8PRC	LH02100	3.67
3/8	3/8	7/8	1-3/8	6PRC	LH02105	3.29
3/8	1/4	3/4	1-1/4	6-4PRC	LH02110	4.83
3/8	1/2	1-1/8	1-5/8	6-8PRC	LH02115	3.04
3/8	3/4	1-3/8	1-3/4	6-12PRC	LH02120	5.79
1/2	1/2	1-1/8	1-13/16	8PRC	LH02125	4.89
1/2	3/8	7/8	1-11/16	8-6PRC	LH02128	3.86
1/2	3/4	1-3/8	1-15/16	8-12PRC	LH02130	5.19
1/2	1	1-5/8	2-3/16	8-16PRC	LH02135	11.40
3/4	3/4	1-3/8	1-27/32	12PRC	LH02140	6.57
3/4	1/2	1-1/8	1-9/16	12-8PRC	LH02145	4.34
3/4	1	1-5/8	2-3/16	12-16PRC	LH02150	9.70
1	1-1/4	2	2-13/32	16-20PRC	LH02165	22.69
1-1/4	1-1/2	2-3/8	2-9/16	20-24PRC	LH02175	28.82

## RPN REDUCING PIPE NIPPLES



## PN PIPE NIPPLES



PIPE NIPPLE					ORDER INFORMATION	
MALE PIPE THREAD	HEX SIZE	LENGTH	BORE	REFERENCE	STOCK NUMBER	PRICE
1/8	7/16	15/16	3/16	2PN	LH01940	.80
1/4	9/16	1-3/8	9/32	4PN	LH01945	.94
3/8	11/16	1-13/32	13/32	6PN	LH01950	1.13
1/2	7/8	1-13/16	35/64	8PN	LH01955	1.47
3/4	1-1/16	1-7/8	23/32	12PN	LH01960	2.56
1	1-3/8	2-7/32	15/16	16PN	LH01965	4.06
1-1/4	1-3/4	2-13/32	1-1/4	20PN	LH01970	7.59
1-1/2	2	2-19/32	1-15/32	24PN	LH01975	16.47
2	2-1/2	2-13/16	1-3/4	32PN	LH01980	35.40

REDUCING PIPE NIPPLE					ORDER INFORMATION	
"A" MALE PIPE THREAD	"B" MALE PIPE THREAD	HEX SIZE	LENGTH	REFERENCE	STOCK NUMBER	PRICE
1/8	1/4	9/16	1-7/32	2-4RPN	LH02540	.99
1/8	3/8	11/16	1-1/4	2-6RPN	LH02545	2.27
1/4	3/8	11/16	1-13/32	4-6RPN	LH02550	1.13
1/4	1/2	7/8	1-5/8	4-8RPN	LH02555	1.85
3/8	1/2	7/8	1-5/8	6-8RPN	LH02560	1.77
3/8	3/4	1-1/16	1-11/16	6-12RPN	LH02565	3.60
1/2	3/4	1-1/16	1-7/8	8-12RPN	LH02570	3.00
1/2	1	1-3/8	2-3/32	8-16RPN	LH02575	6.51
3/4	1	1-3/8	2-3/32	12-16RPN	LH02580	5.13
3/4	1-1/4	1-3/4	2-5/32	12-20RPN	LH02585	11.59
1	1-1/4	1-3/4	2-11/32	16-20RPN	LH02590	10.73
1	1-1/2	2	2-7/16	16-24RPN	LH02595	22.29
1-1/4	1-1/2	2	2-15/32	20-24RPN	LH02600	17.46
1-1/2	2	2-1/2	2-11/16	24-32RPN	LH02610	23.99

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# STANDARD STEEL PIPE FITTINGS

HYDRAULICS

**FPE  
FEMALE PIPE  
ELBOWS**



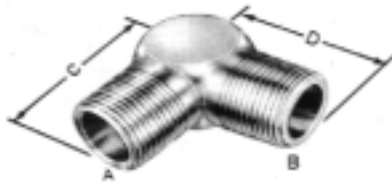
**SE  
STREET ELBOWS**



FEMALE PIPE ELBOW				ORDER INFORMATION		
"A" FEMALE PIPE THREAD	"B" FEMALE PIPE THREAD	"C" FEMALE PIPE LEG	"D" FEMALE PIPE LEG	REFERENCE	STOCK NUMBER	PRICE
1/8	1/8	21/32	21/32	2FPE	LH00720	2.98
1/4	1/4	29/32	29/32	4FPE	LH00730	2.79
3/8	3/8	31/32	31/32	6FPE	LH00745	4.45
1/2	1/2	1-1/4	1-1/4	8FPE	LH00755	5.43
3/4	3/4	1-11/32	1-11/32	12FPE	LH00765	7.94
1-1/4	1-1/4	1-11/16	1-11/16	20FPE	LH00780	22.93
1-1/2	1-1/2	2-1/16	2-1/16	24FPE	LH00785	37.86

STREET ELBOW				ORDER INFORMATION		
MALE PIPE THREAD	FEMALE PIPE THREAD	"A" MALE PIPE LEG	"B" FEMALE PIPE LEG	REFERENCE	STOCK NUMBER	PRICE
1/8	1/8	3/16	21/32	2SE	LH02710	2.51
1/8	1/4	5/16	29/32	2-4SE	LH02715	2.85
1/4	1/4	1-3/16	29/32	4SE	LH02720	3.05
3/8	3/8	1-5/16	31/32	6SE	LH02725	3.19
3/8	1/4	1-3/16	29/32	6-4SE	LH02730	3.41
3/8	1/2	1-3/8	1-1/4	6-8SE	LH02735	5.64
1/2	1/2	1-1/2	1-1/4	8SE	LH02740	5.13
1/2	3/4	1-5/8	1-11/32	8-12SE	LH02750	7.53
3/4	3/4	1-21/32	1-11/32	12SE	LH02755	7.31
3/4	1/2	1-17/32	1-1/4	12-8SE	LH02760	8.32
1	1	2-1/16	1-5/8	16SE	LH02770	13.33
1-1/4	1-1/4	2-1/2	1-11/16	20SE	LH02780	26.14
1-1/2	1-1/2	2-3/4	2-1/16	24SE	LH02785	38.00

**MPE  
MALE PIPE  
ELBOWS**



**45° SE  
45° STREET ELBOWS**



MALE PIPE ELBOW				ORDER INFORMATION		
"A" MALE PIPE THREAD	"B" MALE PIPE THREAD	"C" MALE PIPE LEG	"D" MALE PIPE LEG	REFERENCE	STOCK NUMBER	PRICE
1/8	1/8	25/32	25/32	2MPE	LH01470	3.73
1/4	1/4	1-3/32	1-3/32	4MPE	LH01480	2.98
3/8	3/8	1-7/32	1-7/32	6MPE	LH01490	3.29
1/2	1/2	1-15/32	1-15/32	8MPE	LH01500	4.47
3/4	3/4	1-19/32	1-19/32	12MPE	LH01505	6.98
1	1	1-31/32	1-31/32	16MPE	LH01510	11.44

45° STREET ELBOW				ORDER INFORMATION		
MALE PIPE THREAD	FEMALE PIPE THREAD	"A" MALE PIPE LEG	"B" FEMALE PIPE LEG	REFERENCE	STOCK NUMBER	PRICE
1/8	1/8	11/16	5/8	2-45SE	LH02795	4.39
1/4	1/4	15/16	27/32	4-45SE	LH02800	4.45
3/8	3/8	1	31/32	6-45SE	LH02805	4.65
1/2	1/2	1-1/4	1-3/32	8-45SE	LH02810	5.82
3/4	3/4	1-11/32	1-1/4	12-45SE	LH02815	7.41

**ST  
STREET TEES**



**PT  
PIPE TEES**



STREET TEE				ORDER INFORMATION		
MALE PIPE THREAD	FEMALE PIPE THREAD	"A" MALE PIPE LEG	"B" FEMALE PIPE LEG	REFERENCE	STOCK NUMBER	PRICE
1/8	1/8	3/16	21/32	2ST	LH03040	4.10
1/4	1/4	1-3/16	29/32	4ST	LH03045	4.21
3/8	3/8	1-5/16	31/32	6ST	LH03050	5.85
1/2	1/2	1-1/2	1-1/4	8ST	LH03052	8.03
3/4	3/4	1-21/32	1-11/32	12ST	LH03054	11.61
1	1	2-1/16	1-5/8	16ST	LH03055	21.81
1-1/4	1-1/4	2-1/2	1-11/16	20ST	LH03060	42.96
1-1/2	1-1/2	2-3/4	2-1/16	24ST	LH03065	77.76

PIPE TEES			ORDER INFORMATION	
FEMALE PIPE THREAD	"A" MALE PIPE LEG	REFERENCE	STOCK NUMBER	PRICE
1/8	21/32	2PT	LH02280	4.80
1/4	29/32	4PT	LH02285	4.68
3/8	31/32	6PT	LH02290	5.17
1/2	1-1/4	8PT	LH02295	7.30
3/4	1-11/32	12PT	LH02300	10.80
1	1-5/8	16PT	LH02305	17.65
1-1/4	1-11/16	20PT	LH02310	29.33
1-1/2	2-1/16	24PT	LH02315	53.99

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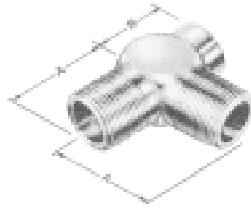
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# STANDARD STEEL PIPE FITTINGS

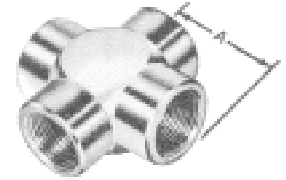
HYDRAULICS

**FRT  
FEMALE RUN TEE**



FEMALE RUN TEE					ORDER INFORMATION	
MALE PIPE THREAD	FEMALE PIPE THREAD	"A" MALE PIPE LEG	"B" FEMALE PIPE LEG	REFERENCE	STOCK NUMBER	PRICE
1/4	1/4	1-3/16	29/32	4FRT	LH00890	4.41
3/8	3/8	1-5/16	31/32	6FRT	LH00895	6.19
1/2	1/2	1-1/2	1-1/4	8FRT	LH00900	8.05
3/4	3/4	1-21/32	1-11/32	12FRT	LH00905	11.35

**FPC  
FEMALE PIPE CROSS**



FEMALE PIPE CROSS			ORDER INFORMATION	
FEMALE PIPE THREAD	"A" FEMALE PIPE LEG	REFERENCE	STOCK NUMBER	PRICE
1/8	21/32	2FPC	LH00585	5.53
1/4	29/32	4FPC	LH00590	6.78
3/8	31/32	6FPC	LH00595	7.88
1/2	1-1/4	8FPC	LH00600	10.78
3/4	1-11/32	12FPC	LH00605	14.38
1	1-5/8	16FPC	LH00610	32.00
1-1/4	1-11/16	20FPC	LH00615	55.55

**HHP  
HOLLOW  
HEX PLUGS**



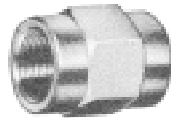
HOLLOW HEX PLUG				ORDER INFORMATION	
MALE PIPE THREAD	INTERNAL HEX	LENGTH	REFERENCE	STOCK NUMBER	PRICE
1/8	3/16	3/8	2HHP	LH01240	.47
1/4	1/4	7/16	4HHP	LH01245	.51
3/8	5/16	1/2	6HHP	LH01250	.57
1/2	3/8	9/16	8HHP	LH01255	.83
3/4	9/16	5/8	12HHP	LH01260	1.39
1	5/8	3/4	16HHP	LH01265	2.52
1-1/4	3/4	13/16	20HHP	LH01270	4.20

**PC  
PIPE  
COUPLINGS**



PIPE COUPLING				ORDER INFORMATION	
FEMALE PIPE THREAD	HEX SIZE	LENGTH	REFERENCE	STOCK NUMBER	PRICE
1/8	5/8	7/8	2PC	LH01800	1.22
1/4	3/4	1-1/8	4PC	LH01805	1.50
3/8	15-16	1-7/32	6PC	LH01810	1.99
1/2	1-1/8	1-5/8	8PC	LH01815	3.63
3/4	1-3/8	1-11/16	12PC	LH01820	4.44
1	1-5/8	1-15-16	16PC	LH01825	7.30
1-1/4	2	2	20PC	LH01830	15.22
1-1/2	2-3/8	2-1/16	24PC	LH01835	23.99

**RPC  
REDUCING PIPE  
COUPLINGS**



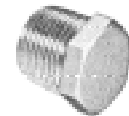
REDUCING PIPE COUPLING					ORDER INFORMATION	
"A" MALE PIPE THREAD	"B" FEMALE PIPE THREAD	HEX SIZE	LENGTH	REFERENCE	STOCK NUMBER	PRICE
3/8	1/4	1	1-3/16	6-4RPC	LH02425	2.86
1/2	1/4	1-1/8	1-15/32	8-4RPC	LH02430	3.74
1/2	3/8	1-1/8	1-15/32	8-6RPC	LH02435	3.74
3/4	1/2	1-3/8	1-21/32	12-8RPC	LH02440	5.46

**SHP  
SQUARE  
HEAD PLUGS**



SQUARE HEAD PLUG				ORDER INFORMATION	
MALE PIPE THREAD	SQUARE SIZE	LENGTH	REFERENCE	STOCK NUMBER	PRICE
1/8	9/32	5/8	2SHP	LH02920	.44
1/4	3/8	25/32	4SHP	LH02925	.46
3/8	7/16	13/16	6SHP	LH02930	.57
1/2	9/16	1-1/32	8SHP	LH02935	.86
3/4	5/8	1-1/16	12SHP	LH02940	1.54

**HP  
HEX PLUGS**



HEX PLUG				ORDER INFORMATION	
MALE PIPE THREAD	HEX SIZE	LENGTH	REFERENCE	STOCK NUMBER	PRICE
1/8	7/16	9/16	2HP	LH01355	.45
1/4	5/8	25/32	4HP	LH01360	.51
3/8	3/4	25/32	6HP	LH01365	.64
1/2	7/8	25/32	8HP	LH01370	.96
3/4	1-1/8	31/32	12HP	LH01374	2.04
1	1-3/8	1-1/16	16HP	LH01377	3.39
1-1/4	1-3/4	1-1/41-5/16	20HP	LH01380	5.67

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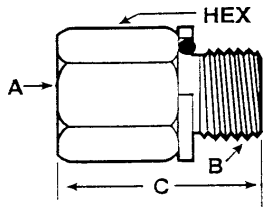
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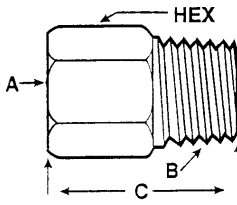
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# METRIC FITTINGS

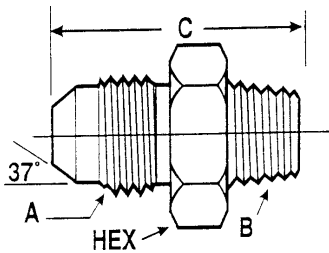
## HYDRAULICS



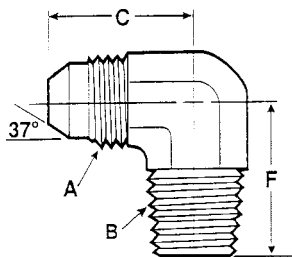
NPT FEMALE/BSPP MALE					ORDER INFORMATION	
A	B	C	HEX	REFERENCE	STOCK NUMBER	PRICE
3/8	3/8	1.46	7/8	9035-6-6	MA79885	12.37
1/2	1/2	1.77	1-1/8	9035-8-8	MA79900	15.78
3/4	3/4	1.85	1-3/8	9035-12-12	MA79925	21.11



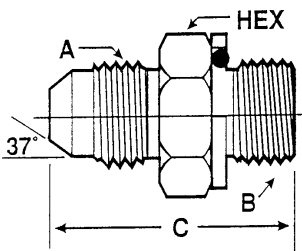
NPT FEMALE/BSPT MALE					ORDER INFORMATION	
A	B	C	HEX	REFERENCE	STOCK NUMBER	PRICE
3/8	3/8	1.38	7/8	9042-6-6	MA80820	7.70
1/2	1/2	1.85	1-1/16	9042-8-8	MA80825	9.59
3/4	3/4	1.72	1-3/8	9042-12-12	MA80830	11.49



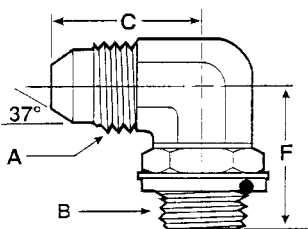
JIC MALE/BSPT MALE					ORDER INFORMATION	
A	B	C	HEX	REFERENCE	STOCK NUMBER	PRICE
9/16-18	1/4	1.21	5/8	9011-6-4	MA77385	3.30
9/16-18	3/8	1.29	3/4	9011-6-6	MA77390	5.20
9/16-18	1/2	1.46	7/8	9011-6-8	MA77395	4.99
3/4-16	1/2	1.59	15/16	9011-8-8	MA77410	6.03
1-1/16-12	3/4	1.93	1-1/8	9011-12-12	MA77445	8.48



JIC MALE/BSPT MALE 90° ELBOW					ORDER INFORMATION	
A	B	C	F	REFERENCE	STOCK NUMBER	PRICE
9/16-18	1/4	1.06	1.09	9063-6-4	MA82285	10.02
9/16-18	3/8	1.14	1.22	9063-6-6	MA82290	10.78
9/16-18	1/2	1.22	1.47	9063-6-8	MA82295	25.09
3/4-16	1/2	1.33	1.47	9063-8-8	MA82305	22.09
1-1/16-12	3/4	1.66	1.59	9063-12-12	MA82320	20.91



JIC MALE/BSPP MALE					ORDER INFORMATION	
A	B	C	HEX	REFERENCE	STOCK NUMBER	PRICE
9/16-18	1/4	1.25	3/4	9005-6-4	MA76250	5.07
9/16-18	3/8	1.31	7/8	9005-6-6	MA76255	6.52
9/16-18	1/2	1.51	1-1/8	9005-6-8	MA76260	9.38
3/4-16	1/2	1.67	1-1/8	9005-8-8	MA76285	8.64
1-1/16-12	3/4	1.93	1-3/8	9005-12-12	MA76355	15.04



JIC MALE/BSPP MALE 90° ELBOW					ORDER INFORMATION	
A	B	C	F	REFERENCE	STOCK NUMBER	PRICE
9/16-18	3/8	1.14	1.45	9059-6-4	MA81853	14.85
9/16-18	1/2	1.22	1.70	9059-6-6	MA81860	28.60
3/4-16	3/8	1.25	1.45	9059-6-8	MA81865	15.09
3/4-16	3/4	1.42	1.94	9059-8-8	MA81880	39.88
1-1/16-12	3/4	1.66	1.94	9059-12-12	MA81910	28.20

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