

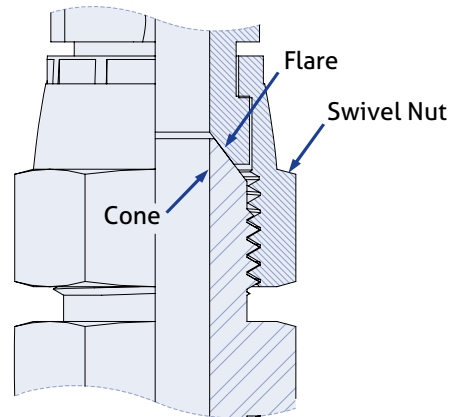
TECHNICAL INFORMATION

HYDRAULIC ADAPTERS

JIC Adapter Specifications

Male flared fittings include a conical nose with external threads for clamping.

A flared fitting or tube assembly is tightened against the cone with a swivel nut. By forcing the flare against the cone during the torquing process, the nose cone is slightly deformed and meshes to create a metal to metal seal between the flare and the cone.



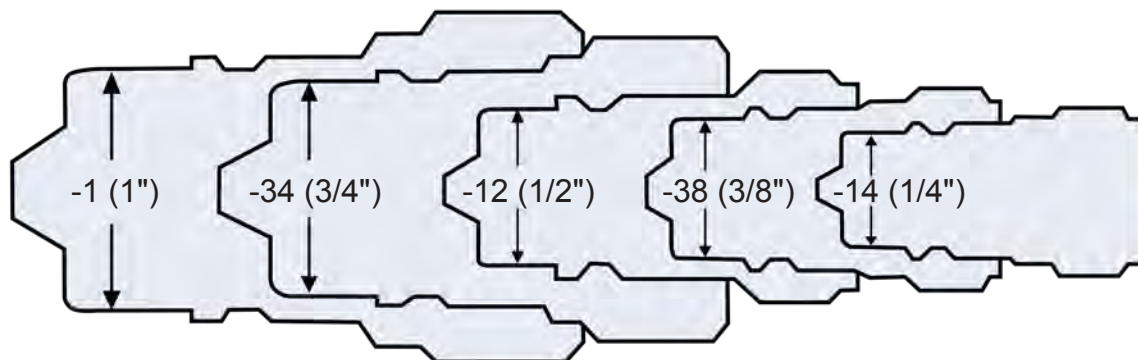
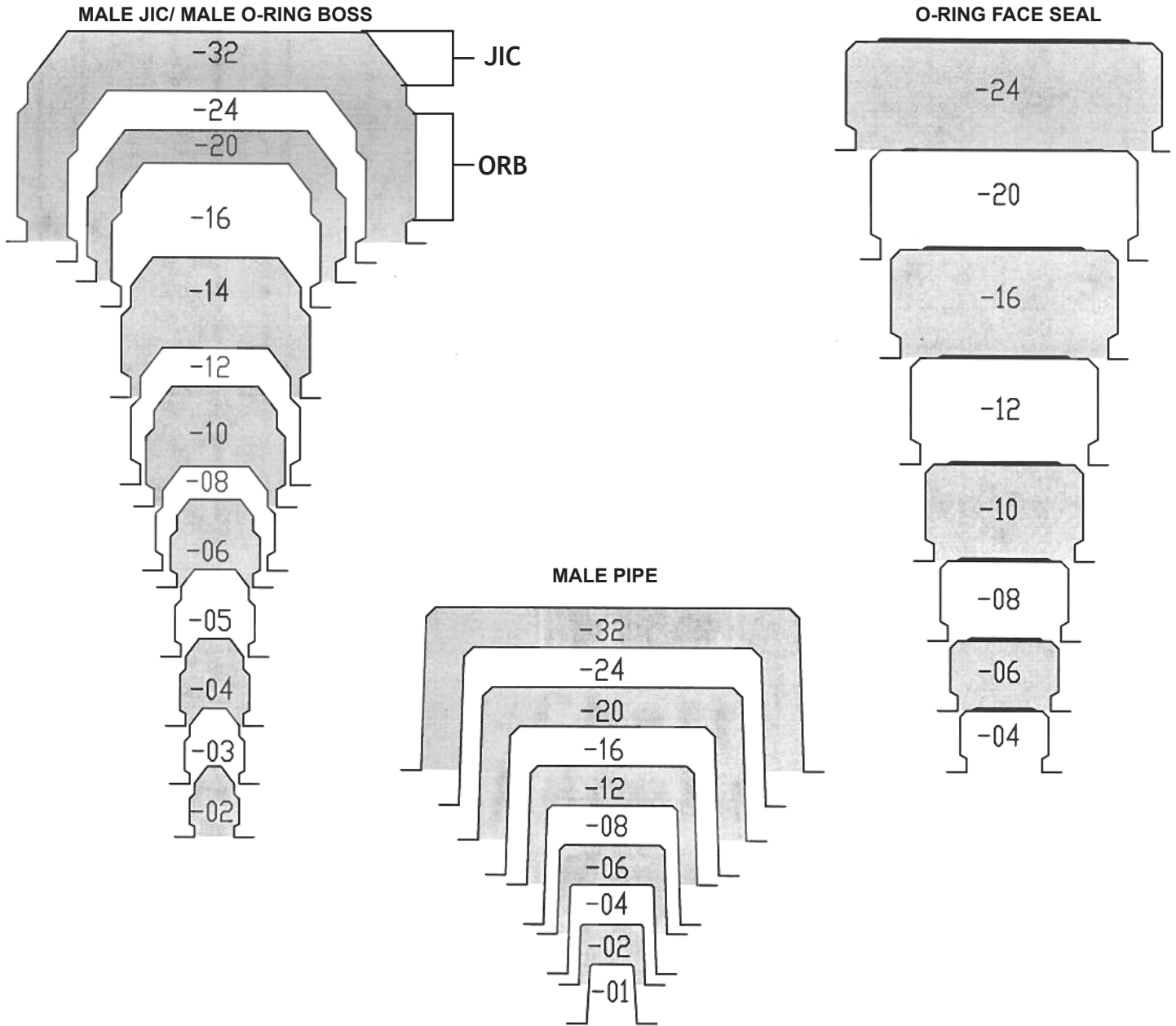
The following table lists the specifications for JIC adapters.

JIC Specifications							
Dash Size	Tube Size	Thread	Working Pressure		Torque		
			Male (psi)	Female Swivel Nut (psi)	JIC Rigid (FFWR)	JIC Swivel (FFWR)	Bulkhead Locknut (ft-lbs) +25% -0%
02	1/8	5/16-24	5000	5000	1/4 - 1/2	2	4
03	3/16	3/8-24	5000	5000	1/4 - 1/2	2	6
04	1/4	7/16-20	5000	4500	1/4 - 1/2	2	10
05	5/16	1/2-20	5000	4000	1/4 - 1/2	2	13
06	3/8	9/16-18	5000	4000	1/4 - 1/2	2	16
08	1/2	3/4-16	4500	4000	1/4 - 1/2	2	27
10	5/8	7/8-14	3500	3000	1/4 - 1/2	1 1/2	32
12	3/4	1-1/16-12	3500	3000	1/4 - 1/2	1 1/2	52
14	7/8	1-3/16-12	3000	2500	1/4 - 1/2	1 1/2	66
16	1	1-5/16-12	3000	2500	1/4 - 1/2	1 1/2	85
20	1 1/4	1-5/8-12	2500	2000	1/4 - 1/2	1	111
24	1 1/2	1-7/8-12	2000	1500	1/4 - 1/2	1	114
32	2	2-1/2-12	1500	1125	1/4 - 1/2	1	162

Values are per SAE J514

It has been my observation that most people get ahead during the time that others waste. -Henry Ford

PROFILE SIZE CHART



AG INTERCHANGE - NV SERIES



STRAIGHTS STEEL JIC FLARE 37°

HYDRAULIC ADAPTERS

JIC REDUCER/ EXPANDER

SAE 070123 1



2

PART #	FEMALE JIC THREAD SIZE 1	MALE JIC THREAD SIZE 2	
240664	9/16-18	7/16-20	----
240665	9/16-18	1/2-20	----
240668	9/16-18	3/4-16	----
240684	3/4-16	7/16-20	----
240686	3/4-16	9/16-18	----
2406812	3/4-16	1-1/16-12	----
2406104	7/8-14	7/16-20	----
2406106	7/8-14	9/16-18	----
2406108	7/8-14	3/4-16	----
2406124	1-1/16-12	7/16-20	----
2406126	1-1/16-12	9/16-18	----
2406128	1-1/16-12	3/4-16	----
24061210	1-1/16-12	7/8-14	----
24061216	1-1/16-12	1-5/16-12	----
2406164	1-5/16-12	7/16-20	----
2406166	1-5/16-12	9/16-18	----
2406168	1-5/16-12	3/4-16	----
24061612	1-5/16-12	1-1/16-12	----
24061620	1-5/16-12	1-5/8-12	----
2406208	1-5/8-12	3/4-16	----
24062012	1-5/8-12	1-1/16-12	----
24062012	1-5/8-12	1-1/16-12	----
24062016	1-5/8-12	1-5/16-12	----
24062416	1-7/8-12	1-5/16-12	----
24062420	1-7/8-12	1-5/8-12	----
24063224	2-1/2-12	1-7/8-12	----

2406 C5015 2215 TRTX 1246

PLUG

SAE 070109
MS 51518



PART #	TUBE O.D.	JIC THREAD SIZE	
24082	1/8	5/16-24	----
24083	3/16	3/8-24	----
24084	1/4	7/16-20	----
24085	5/16	1/2-20	----
24086	3/8	9/16-18	----
24088	1/2	3/4-16	----
240810	5/8	7/8-14	----
240812	3/4	1-1/16-12	----
240814	7/8	1-3/16-12	----
240816	1	1-5/16-12	----
240820	1-1/4	1-5/8-12	----
240824	1-1/2	1-7/8-12	----
240832	2	2-1/2-12	----

2408 430549 PNTX 1254 C5229

STEEL 37° JIC FLARE SHAPES

JIC UNION ELBOW

SAE 070201 1
MS 51505



2

PART #	JIC THREAD SIZE 1	JIC THREAD SIZE 2	
250022	5/16-24	5/16-24	----
250044	7/16-20	7/16-20	----
250055	1/2-20	1/2-20	----
250066	9/16-18	9/16-18	----
250064	9/16-18	7/16-20	----
250088	3/4-16	3/4-16	----
250086	3/4-16	9/16-18	----
25001010	7/8-14	7/8-14	----
25001212	1-1/16-12	1-1/16-12	----
25001612	1-5/16-12	1-1/16-12	----
25001616	1-5/16-12	1-5/16-12	----
25002020	1-5/8-12	1-5/8-12	----
25002424	1-7/8-12	1-7/8-12	----
25003232	2-1/2-12	2-1/2-12	----

2500 2039 1234 C5505 821

WARNING: This product can expose you to chemicals, including Cobalt, which are known to the State of California to cause cancer.
 For more information, visit www.P65Warnings.ca.gov



STRAIGHTS STEEL JIC FLARE 37°

HYDRAULIC ADAPTERS

JIC MALE ELBOW

SAE 070202
MS 51504



PART #	JIC THREAD SIZE 1	MALE PIPE SIZE 2	
250122	5/16-24	1/8	----
250142	7/16-20	1/8	----
250144	7/16-20	1/4	----
250146	7/16-20	3/8	----
250148	7/16-20	1/2	----
250162	9/16-18	1/8	----
250164	9/16-18	1/4	----
250166	9/16-18	3/8	----
250168	9/16-18	1/2	----
2501612	9/16-18	3/4	----
250184	3/4-16	1/4	----
250186	3/4-16	3/8	----
250188	3/4-16	1/2	----
2501812	3/4-16	3/4	----
2501816	3/4-16	1	----
2501106	7/8-14	3/8	----
2501108	7/8-14	1/2	----
2501128	1-1/16-12	1/2	----
25011212	1-1/16-12	3/4	----
25011216	1-1/16-12	1	----
25011612	1-5/16-12	3/4	----
25011616	1-5/16-12	1	----
25011620	1-5/16-12	1-1/4	----
25012016	1-5/8-12	1	----
25012020	1-5/8-12	1-1/4	----
25012024	1-5/8-12	1-1/2	----
25012420	1-7/8-12	1-1/4	----
25012424	1-7/8-12	1-1/2	----
25013232	2-1/2-12	2	----

1208R C5405 2501 2024R CTX 822

JIC FEMALE ELBOW

SAE 070203
MS 51506



PART #	JIC THREAD SIZE 1	FEMALE PIPE SIZE 2	
250242	7/16-20	1/8	----
250244	7/16-20	1/4	----
250246	7/16-20	3/8	----
250262	9/16-18	1/8	----
250264	9/16-18	1/4	----
250266	9/16-18	3/8	----
250268	9/16-18	1/2	----
250284	3/4-16	1/4	----
250286	3/4-16	3/8	----
250288	3/4-16	1/2	----
2502128	1-1/16-12	1/2	----
25021212	1-1/16-12	3/4	----
25021612	1-5/16-12	3/4	----
25021616	1-5/16-12	1	----
25022020	1-5/8-12	1-1/4	----

2502 2025R DTX 1240R C5455

JIC MALE 45° ELBOW

SAE 070302
MS 51508



PART #	JIC THREAD SIZE 1	MALE PIPE SIZE 2	
250322	5/16-24	1/8	----
250342	7/16-20	1/8	----
250344	7/16-20	1/4	----
250346	7/16-20	3/8	----
250362	9/16-18	1/8	----
250364	9/16-18	1/4	----
250366	9/16-18	3/8	----
250368	9/16-18	1/2	----
2503612	9/16-18	3/4	----
250384	3/4-16	1/4	----
250386	3/4-16	3/8	----
250388	3/4-16	1/2	----
2503106	7/8-14	3/8	----
2503108	7/8-14	1/2	----
25031012	7/8-14	3/4	----
25031212	1-1/16-12	3/4	----
25031216	1-1/16-12	1	----
25031616	1-5/16-12	1	----
25031620	1-5/16-12	1-1/4	----
25032016	1-5/8-12	1	----
25032020	1-5/8-12	1-1/4	----

2503 2023R VTX 1206R C5355 823

SHAPES STEEL JIV FLARE 37°

HYDRAULIC ADAPTERS

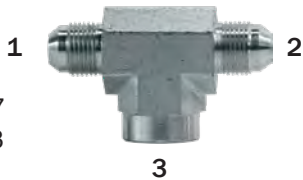
JIC MALE BRANCH TEE



PART #	JIC THREAD SIZE 1&2	PIPE THREAD SIZE 3	
260144	7/16-20	1/4	----
260166	9/16-18	3/8	----
260188	3/4-16	1/2	----
26011212	1-1/16-12	3/4	----

2601 2030R STX 1221R C5605

JIC FEMALE BRANCH TEE



SAE 070427
MS 51513

PART #	JIC THREAD SIZE 1 & 2	FEMALE PIPE SIZE 3	
260244	7/16-20	1/4	----
260266	9/16-18	3/8	----
260288	3/4-16	1/2	----

2602 2031R OTX 1228R C6566

JIC UNION TEE

SAE 070401
MS 51510



PART #	JIC THREAD SIZE 1 & 2	JIC THREAD SIZE 3	
260322	5/16-24	5/16-24	----
260333	3/8-24	3/8-24	----
260344	7/16-20	7/16-20	----
260366	9/16-18	9/16-18	----
260388	3/4-16	3/4-16	----
26031010	7/8-14	7/8-14	----
26031212	1-1/16-12	1-1/16-12	----
26031616	1-5/16-12	1-5/16-12	----

2603 2033 JTX 1220 C5705

STEEL BULKHEAD FITTINGS

LOCK NUT



SAE 070118
MS 51860

* Lock Nut no longer included on fittings

PART #	THREAD SIZE	
03062	5/16-24	----
03064	7/16-20	----
03065	1/2-20	----
03066	9/16-18	----
03068	3/4-16	----
030610	7/8-14	----
030612	1-1/16-12	----
030614	1-3/16-12	----
030616	1-5/16-12	----
030620	1-5/8-12	----

1306 894 210212 WLN 1332 C5624

JIC BULKHEAD UNION

SAE 070601
MS 51520



PART #	JIC THREAD SIZE 1	JIC THREAD SIZE 2	
270022	5/16-24	5/16-24	----
270044	7/16-20	7/16-20	----
270055	1/2-20	1/2-20	----
270066	9/16-18	9/16-18	----
27008	3/4-16	3/4-16	----
270010	7/8-14	7/8-14	----
270012	1-1/16-12	1-1/16-12	----
270014	1-3/16-12	1-3/16-12	----
270016	1-5/16-12	1-5/16-12	----

2700 2041R WTX 1260 C5325

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