

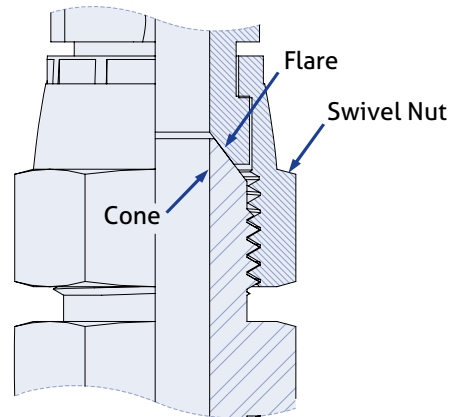
TECHNICAL INFORMATION

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.



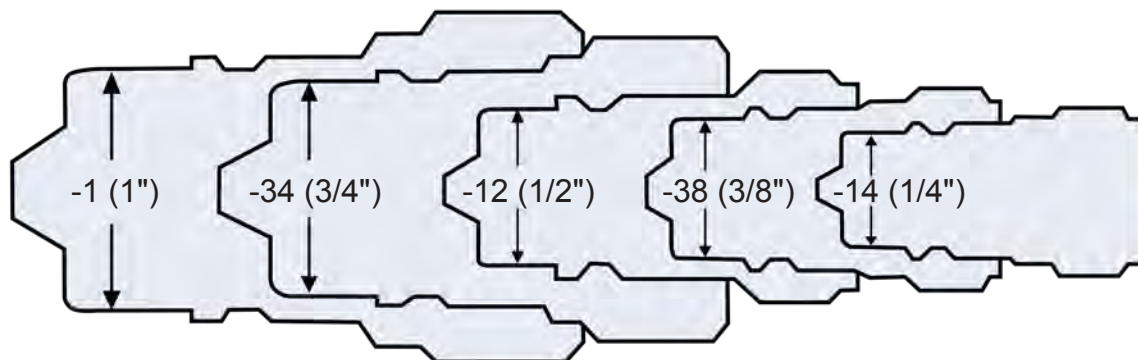
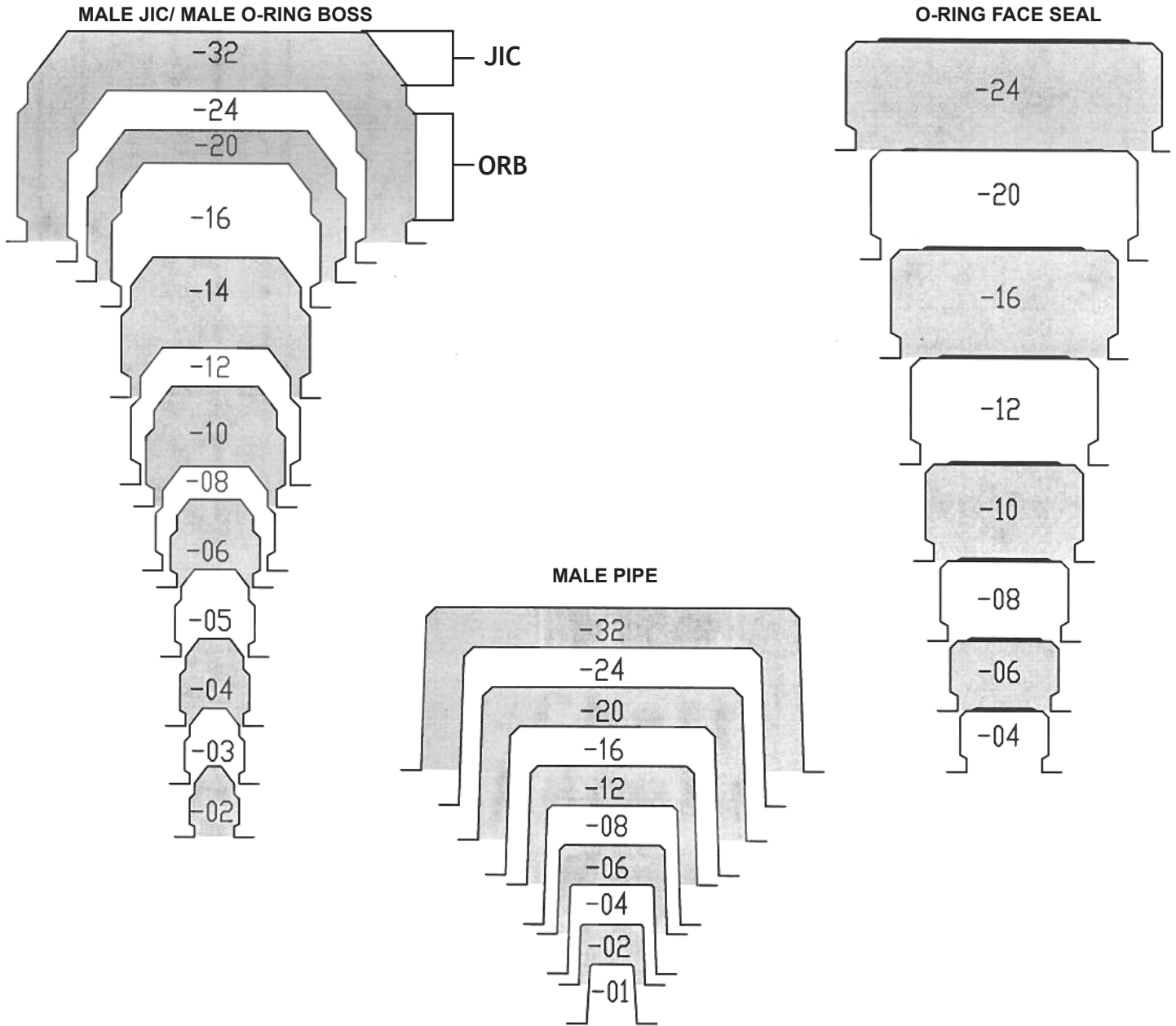
The following table lists the specifications for JIC adapters.

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



FEMALE SWIVELS JIC

HYDRAULIC ADAPTERS

O-RING PORT REDUCER/EXPANDER



PART #	O-RING THREAD 1	O-RING THREAD 2	
6410O46	7/16-20	9/16-18	----
6410O64	9/16-18	7/16-20	----
6410O68	9/16-18	3/4-16	----
6410O84	3/4-16	7/16-20	----
6410O86	3/4-16	9/16-18	----
6410O88	3/4-16	3/4-16	----
6410O812	3/4-16	1-1/16-12	----
6410O124	1-1/16-12	7/16-20	----
6410O126	1-1/16-12	9/16-18	----
6410O128	1-1/16-12	3/4-16	----
6410O166	1-5/16-12	9/16-18	----
6410O168	1-5/16-12	3/4-16	----
6410O1612	1-5/16-12	1-1/16-12	----
6410O2012	1-5/8-12	1-1/16-12	----
6410O2016	1-5/8-12	1-5/16-12	----
6410O2412	1-7/8-12	1-1/16-12	----
6410O2416	1-7/8-12	1-5/16-12	----
6410O2420	1-7/8-12	1-5/8-12	----
6410O3216	2-1/2-12	1-5/16-12	----
6410O3220	2-1/2-12	1-5/8-12	----
6410O3224	2-1/2-12	1-7/8-12	----

6410 FF1010 F50G5 1270 7033

JIC SWIVEL NUT ELBOW

SAE 070221
MS 51521



PART #	JIC THREAD SIZE 1	JIC THREAD SIZE 2	
65004	7/16-20	7/16-20	----
65006	9/16-18	9/16-18	----
65008	3/4-16	3/4-16	----
650086	3/4-16	9/16-18	----
650010	7/8-14	7/8-14	----
6500108	7/8-14	3/4-16	----
650012	1-1/16-12	1-1/16-12	----
650016	1-5/16-12	1-5/16-12	----
650020	1-5/8-12	1-5/8-12	----
650024	1-7/8-12	1-7/8-12	----
650032	2-1/2-12	2-1/2-12	----

6500 2071R C6X 1236 G5506

JIC SWIVEL TO MALE PIPE ELBOW



PART #	JIC THREAD SIZE 1	MALE PIPE THREAD 2	
650142	7/16-20	1/8	----
650144	7/16-20	1/4	----
650164	9/16-18	1/4	----
650166	9/16-18	3/8	----
650186	3/4-16	3/8	----
650188	3/4-16	1/2	----
6501108	7/8-14	1/2	----
65011212	1-1/16-12	3/4	----
65011616	1-5/16-12	1	----
65012020	1-5/8-12	1-1/4	----
65012424	1-7/8-12	1-1/2	----
65013232	2-1/2-12	2	----

6501 2250 1247R TF5406

JIC SWIVEL 45° ELBOW

SAE 070321
MS 51522



PART #	JIC THREAD SIZE 1	JIC THREAD SIZE 2	
65024	7/16-20		----
65026	9/16-18	9/16-18	----
65028	3/4-16	3/4-16	----
650210	7/8-14	7/8-14	----
650212	1-1/16-12	1-1/16-12	----
650216	1-5/16-12	1-5/16-12	----

JIC SWIVEL TO FEMALE - PIPE ELBOW



PART #	JIC THREAD SIZE 1	FEMALE PIPE THREAD 2	
650344	7/16-20	1/4	----
650364	9/16-18	1/4	----
650366	9/16-18	3/8	----
650386	3/4-16	3/8	----
650388	3/4-16	1/2	----
65031212	1-1/16-12	3/4	----

6502 2070R V6X 1237 C5356

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

FEMALE SWIVELS

HYDRAULIC ADAPTERS

JIC SWIVEL CONNECTOR



PART #	JIC THREAD SIZE 1	JIC THREAD SIZE 2	
650444	7/16-20	7/16-20	----
650466	9/16-18	9/16-18	----
650488	3/4-16	3/4-16	----
65041010	7/8-14	7/8-14	----
65041212	1-1/16-12	1-1/16-12	----
65041616	1-5/16-12	1-5/16-12	----
65042020	1-5/8-12	1-5/8-12	----

6504 1205

JIC SWIVEL TO MALE - PIPE ADAPTER



PART #	JIC THREAD SIZE 1	MALE PIPE THREAD 2	
650542	7/16-20	1/8	----
650544	7/16-20	1/4	----
650546	7/16-20	3/8	----
650564	9/16-18	1/4	----
650566	9/16-18	3/8	----
650586	3/4-16	3/8	----
650588	3/4-16	1/2	----
6505128	1-1/16-12	1/2	----
65051212	1-1/16-12	3/4	----
65051612	1-5/16-12	3/4	----
65051616	1-5/16-12	1	----
65052424	1-7/8-12	1-1/2	----

6505 2018 F6X 1211 9100R

JIC SWIVEL TO FEMALE PIPE ADAPTER



PART #	JIC THREAD SIZE 1	FEMALE PIPE THREAD 2	
650642	7/16-20	1/8	----
650644	7/16-20	1/4	----
650664	9/16-18	1/4	----
650666	9/16-18	3/8	----
650668	9/16-18	1/2	----
650686	3/4-16	3/8	----
650688	3/4-16	1/2	----
6506106	7/8-14	3/8	----
6506128	1-1/16-12	1/2	----
65061212	1-1/16-12	3/4	----
65061616	1-5/16-12	1	----
65062020	1-5/8-12	1-1/4	----
65062424	1-7/8-12	1-1/2	----
65063232	2-1/2-12	2	----

6506 2242 1215

JIC SWIVEL BRANCH TEE

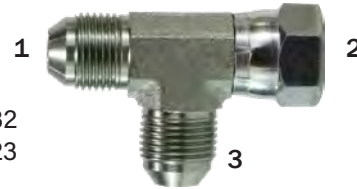


SAE 070433
MS 51524

PART #	JIC THREAD SIZE 1 & 2	JIC FEMALE THREAD 3	
660044	7/16-20	7/16-20	----
660066	9/16-18	9/16-18	----
660088	3/4-16	3/4-16	----
660010	7/8-14	7/8-14	----
660012	1-1/16-12	1-1/16-12	----
660016	1-5/16-12	1-5/16-12	----
660020	1-5/8-12	1-5/8-12	----

6600 203101R 55X 1227 C5707

JIC SWIVEL RUN TEE

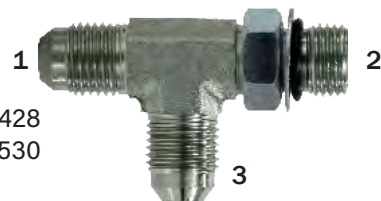


SAE 070432
MS 51523

PART #	JIC THREAD SIZE 1 & 3	JIC FEMALE THREAD 2	
66024	7/16-20	7/16-20	----
66025	1/2-20	1/2-20	----
66026	9/16-18	9/16-18	----
66028	3/4-16	3/4-16	----
660212	1-1/16-12	1-1/16-12	----
660216	1-5/16-12	1-5/16-12	----
660224	1-7/8-12	1-7/8-12	----

6602 203102R R6X 1248 C5706

JIC TO O-RING RUN TEE



SAE 070428
MS 51530

PART #	JIC THREAD SIZE 1 & 3	O-RING THREAD SIZE 2	
6804NWO4	7/16-20	7/16-20	----
6804NWO6	9/16-18	9/16-18	----
6804NWO8	3/4-16	3/4-16	----
6804NWO10	7/8-14	7/8-14	----
6804NWO12	1-1/16-12	1-1/16-12	----
6804NWO16	1-5/16-12	1-5/16-12	----

6804 203005R R50X 1266R C5716

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