

JIC 37° FLARE & UNO (O RING BOSS) THREADS

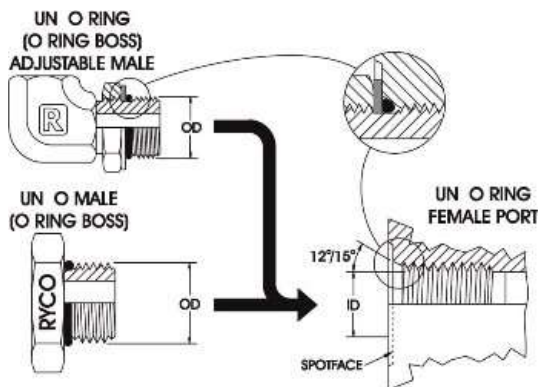
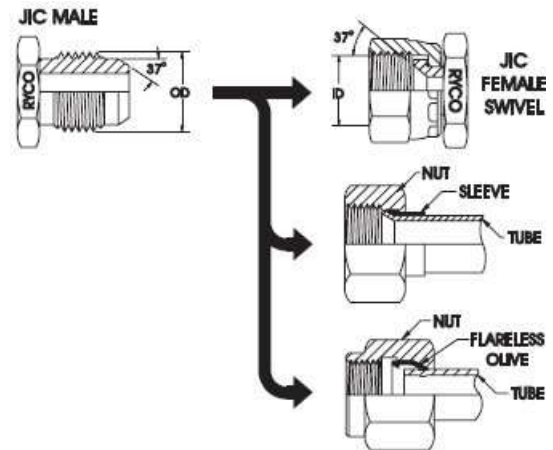
- JIC is JOINT INDUSTRIES COUNCIL – SAE J514, ISO 8434-2
- UN is UNIFIED NATIONAL – SAE J1926, ISO 11926-2

JIC & UNO (O Ring Boss) thread forms are the same (ASME B1.1).

Method of sealing differs.

JIC male has 37° flare which seals against 37° seat in female.

JIC male can also seal against 37° flared tubing with JIC nut and sleeve. JIC male can also be used with RYCO S134 J-Lok Female Nut and Flareless Olive on Imperial OD tubing.



UNO (O Ring Boss) seals with O Ring compressed between hex boss of UN male and 12°/15° tapered bore of UN (O Ring Boss) female port. For elbows and tees, Backup Washer and Lock Nut allow orientation of fitting to required direction.

MALE THREAD OD & PITCH	DASH SIZE	MALE THREAD OD		FEMALE THREAD ID		TUBESIZE
inch – TPI		mm	inch	mm	inch	inch
5/16 – 24 UNF	-5	7,9	0.3	6,9	0.3	1/8
3/8 – 24 UNF	-6	9,5	0.4	8,5	0.3	3/16
7/16 – 20 UNF	-7	11,1	0.4	9,9	0.4	1/4
1/2 – 20 UNF	-8	12,7	0.5	11,4	0.5	5/16
9/16 – 18 UNF	-9	14,3	0.6	13,0	0.5	3/8
3/4 – 16 UNF	-12	19,1	0.8	17,5	0.7	1/2
7/8 – 14 UNF	-14	22,2	0.9	20,3	0.8	5/8
1.1/16 – 12 UN	-17	27,0	1.1	24,9	1	3/4
1.3/16 – 12 UN	-19	30,2	1.2	28,2	1.1	7/8
1.5/16 – 12 UN	-21	33,3	1.3	31,2	1.2	1
1.5/8 – 12 UN	-26	41,3	1.6	39,1	1.5	1.1/4
1.7/8 – 12 UN	-30	47,6	1.9	45,5	1.8	1.1/2
2.1/2 – 12 UN	-40	63,5	2.5	61,5	2.4	2