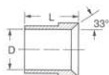


- **Typical Application**
Used in applications to adapt connections and tubing to male and female swivel 37° JIC flare.
- **Sealing Method**
Tapered pipe thread, or o-ring, or 37° flare.
- **Vibration Rating**
Fair resistance.
- **Material**
Carbon Steel – SAE 12L14.
- **Plating**
Zinc yellow dichromate finish.
- **Advantages**
Provides an adapter to convert Metric ports to 37° JIC allowing the use of standard hose and end fittings. Also metric tubing that can be flared can be adapted to a standard 37° JIC connection by the use of sleeves.
- **Ordering Information**
Order individually by catalog number.

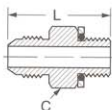
Sleeve 3 Piece Metric (Ref. SAE No. 070115)



Adapts standard JIC Flare-Twin® fittings for use with metric tubing.

Tube O.D. (Inch Size)	Tube O.D. (Metric Size)	Catalog Number	D	L
1/4	6MM	C5165x4x6MM	.241	.41
5/16	8MM	C5165x5x8MM	.320	.44
3/8	10MM	C5165x6x10MM	.399	.50
1/2	12MM	C5165x8x12MM	.478	.56
5/8	14MM	C5165x10x14MM	.556	.66
5/8	15MM	C5165x10x15MM	.596	.66
5/8	16MM	C5165x10x16MM	.636	.66
3/4	18MM	C5165x12x18MM	.717	.68
7/8	20MM	C5165x14x20MM	.793	.76
7/8	22MM	C5165x14x22MM	.866	.76
1	25MM	C5165x16x25MM	.990	.78
1-1/4	30MM	C5165x20x30MM	1.191	.91
1-1/4	32MM	C5165x20x32MM	1.270	.91
1-1/2	38MM	C5165x24x38MM	1.500	1.12

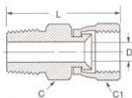
Male JIC 37° to Male Metric Straight Thread Connector (Port Per ISO 9974)



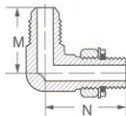
Replacement retaining rings and O-rings page 214.

Tube O.D.	Male Metric Thread	Catalog Number	L	Hex C
1/4	M10x1.0	MC5315x4x10	1.18	5/8
1/4	M12x1.5	MC5315x4x12	1.22	5/8
1/4	M14x1.5	MC5315x4x14	1.22	3/4
3/8	M14x1.5	MC5315x6x14	1.22	3/4
3/8	M16x1.5	MC5315x6x16	1.32	7/8
1/2	M18x1.5	MC5315x8x18	1.48	15/16
1/2	M22x1.5	MC5315x8x22	1.61	1-1/16
5/8	M20x1.5	MC5315x10x20	1.71	1
3/4	M22x1.5	MC5315x12x22	1.81	1-1/8
3/4	M27x2.0	MC5315x12x27	1.95	1-1/4
1	M33x2.0	MC5315x16x33	2.03	1-5/8
1-1/4	M42x2.0	MC5315x20x42	2.19	2

NOTE: Multiply millimeters (mm) by 0.03937 to obtain inches.

**Female JIC 37° Swivel to Male
Metric Taper Pipe Thread
(Pipe Thread Per DIN 3852)**


Tube O.D.	Metric Taper Pipe Thread	Catalog Number	Hex C	Hex C1	D	L
1/4	M10 x 1.0	M9700x4x6	9/16	9/16	.172	1.25
5/16	M12 x 1.5	M9700x5x8	11/16	5/8	.234	1.54
3/8	M14 x 1.5	M9700x6x10	11/16	11/16	.297	1.60
1/2	M16 x 1.5	M9700x8x12	7/8	7/8	.391	1.78
5/8	M20 x 1.5	M9700x10x14	1	1	.484	1.91
3/4	M24 x 1.5	M9700x12x20	1-1/8	1-1/8	.609	2.04
1	M27 x 2.0	M9700x16x25	1-3/8	1-1/2	.845	2.30
1-1/4	M36 x 2.0	M9700x20x32	1-7/8	2	1.079	2.43

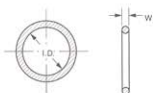
**90° Elbow - Male JIC 37° to
Male Metric Straight Thread
(For ISO 9974 Port)**


Replacement retaining rings and O-rings see below.

Tube O.D.	Male Metric Thread	Catalog Number	M	N
1/4	M10x1.0	MC5515x4x10	.89	1.03
1/4	M12x1.5	MC5515x4x12	.95	1.09
3/8	M14x1.5	MC5515x6x14	1.06	1.25
3/8	M16x1.5	MC5515x6x16	1.14	1.45
1/2	M18x1.5	MC5515x8x18	1.26	1.47
1/2	M22x1.5	MC5515x8x22	1.33	1.70
5/8	M18x1.5	MC5515x10x18	1.41	1.60
5/8	M20x1.5	MC5515x10x20	1.45	1.70
5/8	M22x1.5	MC5515x10x22	1.45	1.70
3/4	M22x1.5	MC5515x12x22	1.66	1.78
3/4	M27x2.0	MC5515x12x27	1.66	1.94
1	M33x2.0	MC5515x16x33	1.81	2.05

Metric Retaining Ring


Tube O.D. (mm)	Catalog Number	Ring I.D. (mm)	Ring O.D. (mm)	W (mm)
10	M7630x10	11.33	14.85	1.00
12	M7630x12	13.72	17.85	1.42
14	M7630x14	15.73	19.85	1.42
16	M7630x16	17.73	21.85	1.42
18	M7630x18	19.73	23.80	1.42
20	M7630x20	21.73	25.85	1.42
22	M7630x22	23.73	27.85	1.42
27	M7630x27	29.44	32.85	1.90
33	M7630x33	35.44	39.85	1.90
42	M7630x42	44.44	49.85	1.90

**Metric O-Ring
(For ISO 9974 Port)**


Material: Buna N 90 Durometer
Temperature Range: -40°F to +250°F
(-40°C to +121°C)

Tube O.D.	Catalog Number	W (mm)	I.D. (mm)
10	M7629x10	1.60	8.10
12	M7629x12	2.40	9.30
14	M7629x14	2.10	11.40
16	M7629x16	2.40	13.30
18	M7629x18	2.40	15.60
20	M7629x20	2.46	18.00
22	M7629x22	2.46	19.80
27	M7629x27	2.95	23.47
33	M7629x33	2.95	29.74
42	M7629x42	3.00	39.20

NOTE: Multiply millimeters (mm) by 0.03937 to obtain inches.