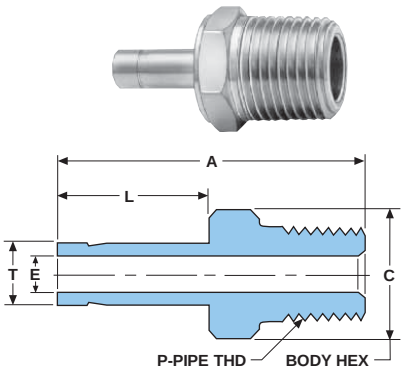
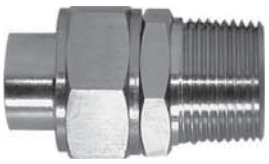
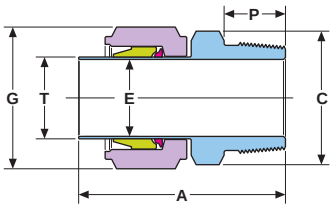




20AM20[ ] shown



Over 1 inch and over 25 mm Male Adapters feature pre-set ferrules. Follow HOKE Gyrolok* Reassembly *instructions, page 53.

Male Adapter: AM (Fractional)

Part Number*	T Tube O.D.	P Male NPT Size	Dimensions — inches A	C Hex Flat	E min.	L
1AM1[ ]	1/16	1/16	1	5/16	.03	.47
1AM2[ ]	1/16	1/8	1	7/16	.03	.47
2AM2[ ]	1/8	1/8	1.16	7/16	.09	.63
2AM4[ ]	1/8	1/4	1.34	9/16	.09	.63
3AM2[ ]	3/16	1/8	1.19	7/16	.13	.66
3AM4[ ]	3/16	1/4	1.38	9/16	.13	.66
4AM2[ ]	1/4	1/8	1.25	7/16	.19	.69
4AM4[ ]	1/4	1/4	1.44	9/16	.19	.69
4AM6[ ]	1/4	3/8	1.47	11/16	.19	.69
4AM8[ ]	1/4	1/2	1.69	7/8	.19	.69
6AM2[ ]	3/8	1/8	1.38	7/16	.28	.78
6AM4[ ]	3/8	1/4	1.56	9/16	.28	.78
6AM6[ ]	3/8	3/8	1.56	11/16	.28	.78
6AM8[ ]	3/8	1/2	1.78	7/8	.28	.78
8AM4[ ]	1/2	1/4	1.75	9/16	.39	.97
8AM6[ ]	1/2	3/8	1.78	11/16	.39	.97
8AM8[ ]	1/2	1/2	1.97	7/8	.39	.97
8AM12[ ]	1/2	3/4	1.98	1 1/16	.39	.97
10AM6[ ]	5/8	3/8	1.89	11/16	.50	1.08
10AM8[ ]	5/8	1/2	2.08	7/8	.50	1.08
10AM12[ ]	5/8	3/4	2.14	1 1/16	.50	1.08
12AM8[ ]	3/4	1/2	2.13	7/8	.59	1.13
12AM12[ ]	3/4	3/4	2.16	1 1/16	.59	1.13
12AM16[ ]	3/4	1	2.31	1 3/8	.59	1.13
14AM12[ ]	7/8	3/4	2.22	1 1/16	.69	1.19
16AM12[ ]	1	3/4	2.39	1 1/16	.80	1.38
16AM16[ ]	1	1	2.61	1 3/8	.80	1.38
20AM20[ ]	1 1/4	1 1/4	3.16	1 3/4	1.09	1.72
24AM24[ ]	1 1/2	1 1/2	3.72	2 1/8	1.31	2.06
32AM32[ ]	2	2	4.70	2 3/4	1.75	2.76

Eliminate Alignment Problems—Use Adapters

Female Pipe Port

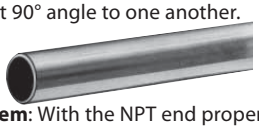




Example: Need to join tubing and a female NPT port at 90° angle to one another.

Male Elbow





Problem: With the NPT end properly torqued, the tube fitting end of a male elbow may not properly line up with the tubing.

Male Adapter

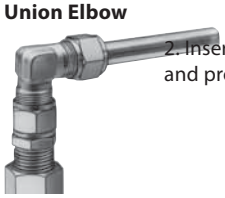


Solution: Use a male adapter and union elbow. Tighten pipe thread of male adapter to convert the female port into a tube stub end.

Assembly:

1. To connect union elbow to adapter, hold elbow pointing in desired direction and follow standard HOKE Gyrolok assembly Instructions on page 53.

Union Elbow



2. Insert tubing into other end of the union elbow and properly connect tubing.

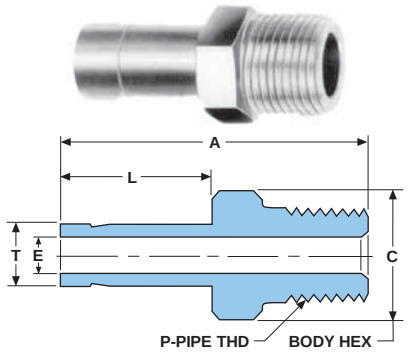
Male Adapter: AM/MC/ME (Metric) with RT Ends

Part Number*		T Tube O.D.	P Pipe Thd.	Dimensions — mm A	C Hex Flat	E min.	L
3AM2[ ]MC	3AM2[ ]ME	3	1/8	31.2	11.1	2.1	15.9
3AM4[ ]MC	3AM4[ ]ME	3	1/4	36.7	13.7	2.1	15.9
4AM2[ ]MC	4AM2[ ]ME	4	1/8	32.0	11.1	2.3	16.7
4AM4[ ]MC	4AM4[ ]ME	4	1/4	36.8	14.3	2.3	16.7
6AM2[ ]MC	6AM2[ ]ME	6	1/8	32.6	11.1	4.4	17.3
6AM4[ ]MC	6AM4[ ]ME	6	1/4	37.4	14.3	4.4	17.3
6AM6[ ]MC	6AM6[ ]ME	6	3/8	37.2	17.5	4.4	17.3
6AM8[ ]MC	6AM8[ ]ME	6	1/2	42.7	22.2	4.4	17.3
8AM2[ ]MC	8AM2[ ]ME	8	1/8	34.3	11.1	4.4	19.1
8AM4[ ]MC	8AM4[ ]ME	8	1/4	39.9	14.3	6.2	19.1
8AM6[ ]MC	8AM6[ ]ME	8	3/8	39.9	17.5	6.2	19.1
8AM8[ ]MC	8AM8[ ]ME	8	1/2	46.2	22.2	6.2	19.1
10AM2[ ]MC	10AM2[ ]ME	10	1/8	35.9	11.1	4.6	19.8
10AM4[ ]MC	10AM4[ ]ME	10	1/4	39.9	14.3	7.5	19.8
10AM6[ ]MC	10AM6[ ]ME	10	3/8	40.1	17.5	7.5	19.8
10AM8[ ]MC	10AM8[ ]ME	10	1/2	45.2	22.2	7.5	19.8
12AM4[ ]MC	12AM4[ ]ME	12	1/4	45.5	14.3	7.0	24.5
12AM6[ ]MC	12AM6[ ]ME	12	3/8	46.3	17.5	9.1	24.5
12AM8[ ]MC	12AM8[ ]ME	12	1/2	49.9	22.2	9.1	24.5
14AM4[ ]MC	14AM4[ ]ME	14	1/4	45.1	19.1	7.1	24.5
14AM6[ ]MC	14AM6[ ]ME	14	3/8	45.1	19.1	10.2	24.5
14AM8[ ]MC	14AM8[ ]ME	14	1/2	49.9	22.2	11.0	24.5
15AM8[ ]MC	15AM8[ ]ME	15	1/2	50.8	22.2	11.9	24.5
16AM6[ ]MC	16AM6[ ]ME	16	3/8	48.0	17.5	12.6	27.3
16AM8[ ]MC	16AM8[ ]ME	16	1/2	52.7	22.2	12.6	27.3
16AM12[ ]MC	16AM12[ ]ME	16	3/4	54.0	27.0	12.6	27.3
16AM16[ ]MC	16AM16[ ]ME	16	1	58.6	34.9	12.6	27.3
18AM6[ ]MC	18AM6[ ]ME	18	3/8	55.0	17.5	13.8	28.2
18AM8[ ]MC	18AM8[ ]ME	18	1/2	60.0	22.2	13.8	28.2
18AM12[ ]MC	18AM12[ ]ME	18	3/4	55.4	27.0	13.8	28.2
20AM8[ ]MC	20AM8[ ]ME	20	1/2	60.7	22.2	12.6	33.4
20AM12[ ]MC	20AM12[ ]ME	20	3/4	60.5	27.0	15.1	33.4
22AM8[ ]MC	22AM8[ ]ME	22	1/2	53.0	27.0	15.8	30.0
22AM12[ ]MC	22AM12[ ]ME	22	3/4	61.0	27.0	15.8	30.0
25AM8[ ]MC	25AM8[ ]ME	25	1/2	61.0	27.0	12.6	35.4
25AM12[ ]MC	25AM12[ ]ME	25	3/4	66.8	27.0	15.8	36.0
25AM16[ ]MC	25AM16[ ]ME	25	1	66.8	34.9	19.5	35.5

* [ ] see page 6 for material specifications.

Male Adapter: AM/EC (Fractional)

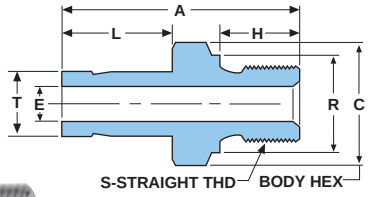
connects fractional port to female RT tapered threads



Part Number*	T Tube O.D.	P Pipe Thd.	Dimensions — inches A	C Hex Flat	E min.	L
4AM2[ ]EC	1/4	1/8	1.25	7/16	.19	.69
4AM4[ ]EC	1/4	1/4	1.44	9/16	.19	.69
6AM4[ ]EC	3/8	1/4	1.56	9/16	.28	.78
6AM6[ ]EC	3/8	3/8	1.56	11/16	.28	.78
6AM8[ ]EC	3/8	1/2	1.78	7/8	.28	.78
8AM8[ ]EC	1/2	1/2	1.97	7/8	.39	.97

Male Adapter: AM/EA

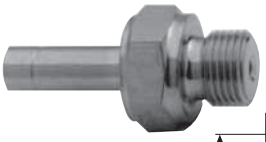
connects fractional port to female RS parallel threads

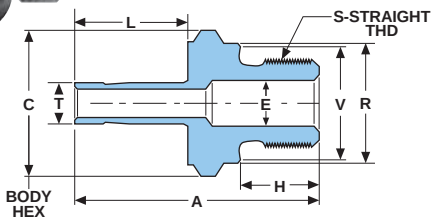


Part Number*	T Tube O.D.	S Thd. Size	Dimensions — inches A	C Hex Flat	E	H	L	R
4AM2[ ]EA	1/4	1/8	1.31	5/8	.19	.31	.69	.55
4AM4[ ]EA	1/4	1/4	1.39	3/4	.19	.47	.69	.70
6AM6[ ]EA	3/8	3/8	1.53	15/16	.28	.47	.78	.86
8AM8[ ]EA	1/2	1/2	1.86	1 3/32	.39	.55	.97	1.03

Male Adapter: AM/MB

connects metric port to female ISO straight thread



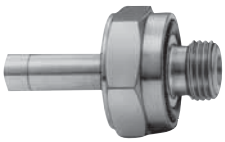


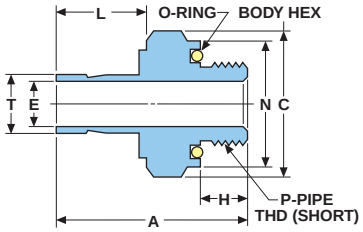
Part Number*	T Tube O.D.	S Thd. Size	Dimensions — mm A	C Hex Flat	E	H	L	R	V
6AM4[ ]MB	6	1/4	38.1	19.1	4.4	12.0	17.3	18.0	17.0
12AM8[ ]MB	12	1/2	40.1	27.0	9.1	14.0	24.5	26.0	25.0

O-ring Male Adapter: AOM

connects fractional port to female NPT threads

To specify O-ring material, see page 6





Part Number*	T Tube O.D.	P Pipe Size	Dimensions — inches A	C Hex Flat	E min	H	L	N	O-ring I.D.	O-ring O.D.
1AOM2[ ]	1/16	1/8	1.03	3/4	.03	.28	.47	.75	7/16	5/8
2AOM2[ ]	1/8	1/8	1.23	3/4	.09	.28	.63	.75	7/16	5/8
2AOM4[ ]	1/8	1/4	1.36	15/16	.09	.38	.63	.94	9/16	3/4
3AOM2[ ]	3/16	1/8	1.25	3/4	.13	.28	.66	.75	7/16	5/8
3AOM4[ ]	3/16	1/4	1.38	15/16	.13	.38	.66	.94	9/16	3/4
4AOM2[ ]	1/4	1/8	1.31	3/4	.13	.28	.69	.75	7/16	5/8
4AOM4[ ]	1/4	1/4	1.44	15/16	.19	.38	.69	.94	9/16	3/4
4AOM6[ ]	1/4	3/8	1.50	1 1/8	.19	.41	.69	1.13	3/4	15/16
6AOM2[ ]	3/8	1/8	1.38	3/4	.25	.28	.78	.75	7/16	5/8
6AOM4[ ]	3/8	1/4	1.52	15/16	.28	.38	.78	.94	9/16	3/4

O-ring Male Adapter: AOM/ME

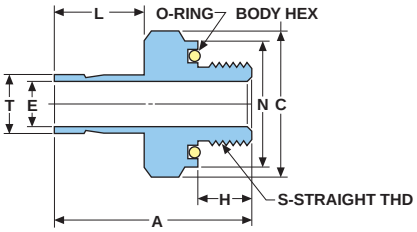
connects metric port to female NPT threads

Part Number*	T Tube O.D.	P Pipe Size	Dimensions — mm A	C Hex Flat	E min	H	L	N	O-ring I.D.	O-ring O.D.
6AOM2[ ]ME	6	1/8	32.8	19.1	4.4	7.3	17.3	18.6	11.5	16.6
6AOM4[ ]ME	6	1/4	37.6	23.8	4.4	9.7	17.3	23.4	14.7	19.7
10AOM4[ ]ME	10	1/4	40.1	23.8	7.0	9.7	19.8	23.4	14.7	19.7
10AOM6[ ]ME	10	3/8	40.9	28.6	7.5	10.4	19.8	28.1	19.4	24.5
12AOM6[ ]ME	12	3/8	45.2	28.6	9.1	10.4	24.5	28.1	19.4	24.3
12AOM8[ ]ME	12	1/2	50.8	33.3	9.1	13.6	24.4	32.9	25.6	25.9

O-ring Straight Adapter: AOS

connects fractional port to female O-ring straight thread

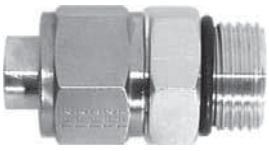


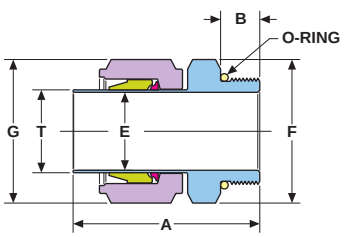


Part Number*	T Tube O.D.	S Thd. Size	Dimensions — inches A	C Hex Flat	E min.	H	L	N	O-ring I.D.	O-ring O.D.
1AOS[ ]	1/16	5/16-24	1.06	9/16	.03	.34	.47	.56	.31	.44
2AOS[ ]	1/8	5/16-24	1.25	9/16	.09	.34	.63	.56	.31	.44
3AOS[ ]	3/16	3/8-24	1.34	5/8	.13	.38	.66	.63	.38	.50
4AOS[ ]	1/4	7/16-20	1.44	3/4	.19	.41	.69	.75	.44	.63
6AOS[ ]	3/8	9/16-18	1.61	15/16	.28	.47	.78	.94	.56	.75
8AOS[ ]	1/2	3/4-16	1.84	1 1/8	.39	.47	.97	1.13	.75	.94

Male SAE Adapter: AMS

connects fractional port to SAE/MS straight thread boss





Part Number	T Tube O.D.	Dimensions—inches S	A	B	E	F	G	O-ring
20AMS20316	1 1/4	1 5/8-12	2.81	.59	1.17	1 7/8	1.88	-920
24AMS24316	1 1/2	1 7/8-12	3.28	.59	1.30	2 1/8	2.25	-924
32AMS32316	2	2 1/2-12	4.24	.59	1.75	2 3/4	3	-932

* [ ] see page 6 for material specifications.

Follow the HOKE Gyrolok remake instructions, page 8.

Dimensions for reference only. Subject to change.