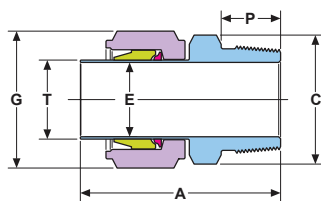


20AM20[] shown



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

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

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.