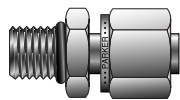
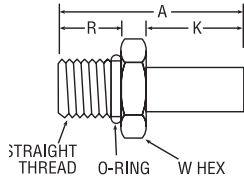
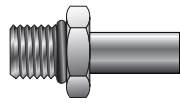


# Port Connectors

## Tube End to SAE Straight Thread Adapter

For fractional tube



CPI™ PART NO.	A-LOK® PART NO.	INTER-CHANGES WITH	INCHES						O-RING APR UNIFORM DASH NO.
			T TUBE O.D.	STRAIGHT THREAD SIZE	A	K	R	W HEX	
6-4 T2HOA	6TUHOA4	6-TA-1-4ST	3/8	7/16-20	1.46	0.69	.36	9/16	3-904
6-8 T2HOA	6TUHOA8	6-TA-1-8ST	3/8	3/4-16	1.59	0.69	.44	7/8	3-908
8-6 T2HOA	8TUHOA6	8-TA-1-6ST	1/2	9/16-18	1.74	0.91	.39	11/16	3-906
10-10 T2HOA	10TUHOA10	10-TA-1-10ST	5/8	7/8-14	1.94	0.91	.50	1	3-910
*24-24 T2HOA	24TUHOA24	24-TA-1-24ST	1-1/2	1-7/8-12	3.28	2.05	.59	2-1/8	3-924

\* Size 24 is preassembled with nut and ferrules.

Dimensions for reference only, subject to change.

A dimension is typical finger-tight.

Size 24 requires additional lubrication prior to assembly.

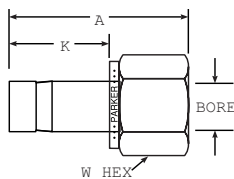
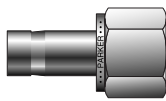
Parts are supplied with nitrile o-rings as standard. For Fluorocarbon o-rings, add the suffix "-VO".

Other o-rings available upon request.

Add -Z6 for assembly of nuts and ferrules on the tube stub end.

## Tube End NPT Female Adapter

For fractional tube



CPI™ PART NO.	A-LOK® PART NO.	INTER-CHANGES WITH	INCHES					
			TUBE O.D.	NPT PIPE THREAD	A	K	W HEX	BORE
1-2 T2HG	1FA2N	1-TA-7-2	1/16	1/8	1.07	0.34	9/16	.031
2-2 T2HG	2FA2N	2-TA-7-2	1/8	1/8	1.23	0.53	9/16	.093
2-4 T2HG	2FA4N	2-TA-7-4	1/8	1/4	1.38	0.53	3/4	.093
3-2 T2HG	3FA2N	3-TA-7-2	3/16	1/8	1.25	0.56	9/16	.116
3-4 T2HG	3FA4N	3-TA-7-4	3/16	1/4	1.42	0.56	3/4	.116
4-2 T2HG	4FA2N	4-TA-7-2	1/4	1/8	1.31	0.63	9/16	.188
4-4 T2HG	4FA4N	4-TA-7-4	1/4	1/4	1.47	0.63	3/4	.188
4-6 T2HG	4FA6N	4-TA-7-6	1/4	3/8	1.56	0.63	7/8	.188
4-8 T2HG	4FA8N	4-TA-7-8	1/4	1/2	1.80	0.63	1-1/16	.188
5-2 T2HG	5FA2N	5-TA-7-2	5/16	1/8	1.34	0.66	9/16	.219
5-4 T2HG	5FA4N	5-TA-7-4	5/16	1/4	1.50	0.66	3/4	.219
5-6 T2HG	5FA6N	5-TA-7-6	5/16	3/8	1.59	0.66	7/8	.219
6-2 T2HG	6FA2N	6-TA-7-2	3/8	1/8	1.36	0.69	9/16	.281
6-4 T2HG	6FA4N	6-TA-7-4	3/8	1/4	1.55	0.69	3/4	.281
6-6 T2HG	6FA6N	6-TA-7-6	3/8	3/8	1.59	0.69	7/8	.281
6-8 T2HG	6FA8N	6-TA-7-8	3/8	1/2	1.84	0.69	1-1/16	.281
8-4 T2HG	8FA4N	8-TA-7-4	1/2	1/4	1.72	0.91	3/4	.391
8-6 T2HG	8FA6N	8-TA-7-6	1/2	3/8	1.80	0.91	7/8	.391
8-8 T2HG	8FA8N	8-TA-7-8	1/2	1/2	2.10	0.91	1-1/16	.390
10-6 T2HG	10FA6N	10-TA-7-6	5/8	3/8	1.86	0.97	7/8	.469
10-8 T2HG	10FA8N	10-TA-7-8	5/8	1/2	2.09	0.97	1-1/16	.469
12-8 T2HG	12FA8N	12-TA-7-8	3/4	1/2	2.10	0.97	1-1/16	.578
12-12 T2HG	12FA12N	12-TA-7-12	3/4	3/4	2.16	0.97	1-1/4	.578
12-16 T2HG	12FA16N	12-TA-7-16	3/4	1	2.30	0.97	1-5/8	.578
14-12 T2HG	14FA12N	14-TA-7-12	7/8	3/4	2.22	1.02	1-5/16	.578
16-12 T2HG	16FA12N	16-TA-7-12	1	3/4	2.41	1.22	1-5/16	.813
16-16 T2HG	16FA16N	16-TA-7-16	1	1	2.54	1.22	1-5/8	.813
20-20 T2HG	20FA20N	20-TA-7-20	1-1/4	1-1/4	3.06	1.71	2-1/8	1.000
24-24 T2HG	24FA24N	24-TA-7-24	1-1/2	1-1/2	3.50	2.05	2-3/8	1.250
32-32 T2HG	32FA32N	32-TA-7-32	2	2	4.23	2.74	2-7/8	1.720

NOTE: Tube stub is pre-grooved as standard.

Dimensions for reference only, subject to change.

Generic (non-grooved) can be ordered through Quick Response Department. Add -Z6 for assembly of nuts and ferrules on the tube stub end.

### Color Coding

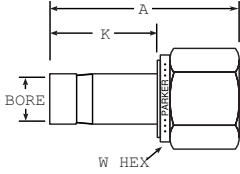
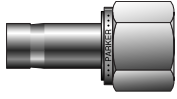
For easy reference, table column headings are color indicated as follows:

fractional

metric

# Port Connectors

## Tube End NPT Female Adapter For metric tube



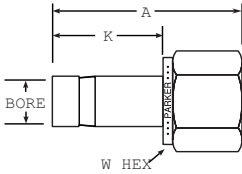
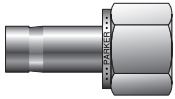
CPI™ PART NO.	A-LOK® PART NO.	INTER- CHANGES WITH	MILLIMETERS					
			TUBE O.D.	NPT THREAD	A	K	W HEX	BORE
T2HG 3-1/8	M3FA1/8N	3-MTA-7-2	3	1/8	31,3	13,5	14,0	1,3
T2HG 4-1/8	M4FA1/8N	4-MTA-7-2	4	1/8	29,4	14,3	14,0	2,0
T2HG 6-1/8	M6FA1/8N	6-MTA-7-2	6	1/8	29,4	15,9	14,0	4,0
T2HG 6-1/4	M6FA1/4N	6-MTA-7-4	6	1/4	34,1	15,9	19,0	4,0
T2HG 8-1/8	M8FA1/8N	8-MTA-7-2	8	1/8	35,5	16,7	14,0	6,4
T2HG 8-1/4	M8FA1/4N	8-MTA-7-4	8	1/4	35,1	16,7	19,0	6,4
T2HG 8-3/8	M8FA3/8N	8-MTA-7-6	8	3/8	36,5	16,7	22,0	6,4
T2HG 10-1/4	M10FA1/4N	10-MTA-7-4	10	1/4	37,3	17,5	19,0	7,5
T2HG 10-3/8	M10FA3/8N	10-MTA-7-6	10	3/8	37,3	17,5	22,0	7,5
T2HG 10-1/2	M10FA1/2N	10-MTA-7-8	10	1/2	42,1	17,5	27,0	7,5
T2HG 12-1/4	M12FA1/4N	12-MTA-7-4	12	1/4	41,3	23,0	19,0	9,1
T2HG 12-3/8	M12FA3/8N	12-MTA-7-6	12	3/8	42,9	23,0	22,0	9,1
T2HG 12-1/2	M12FA1/2N	12-MTA-7-8	12	1/2	47,6	23,0	27,0	9,1
T2HG 16-1/2	M16FA1/2N	16-MTA-7-8	16	1/2	49,2	24,6	27,0	12,7
T2HG 18-3/4	M18FA3/4N	18-MTA-7-12	18	3/4	52,4	24,6	33,0	14,0
T2HG 20-1/2	M20FA1/2N	20-MTA-7-8	20	1/2	50,0	25,6	27,0	15,0
T2HG 20-3/4	M20FA3/4N	20-MTA-7-12	20	3/4	53,2	25,4	33,0	15,1
T2G 25-1	M25FA1N	25-MTA-7-16	25	1	66,7	31,8	41,0	19,8

NOTE: Tube stub is pre-grooved as standard.

Dimensions for reference only, subject to change.

Generic (non-grooved) can be ordered through Quick Response Department.  
Add -Z6 for assembly of nuts and ferrules on the tube stub end.

## BSP Taper Female Adapter For fractional tube



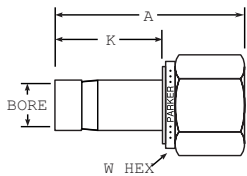
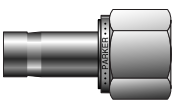
CPI™ PART NO.	A-LOK® PART NO.	INTER- CHANGES WITH	INCHES					
			TUBE O.D.	BSPT THREAD	A	K	W HEX	BORE
4-2K T2HG	4FA2K	4-TR-7-2RT	1/4	1/8-28	1.31	.64	9/16	.156
4-4K T2HG	4FA4K	4-TR-7-4RT	1/4	1/4-19	1.48	.64	3/4	.156
6-4K T2HG	6FA4K	6-TR-7-4RT	3/8	1/4-19	1.56	.72	3/4	.281
6-6K T2HG	6FA6K	6-TR-7-6RT	3/8	3/8-19	1.63	.72	7/8	.281
8-4K T2HG	8FA4K	8-TR-7-4RT	1/2	1/4-19	1.83	.98	3/4	.375
8-6K T2HG	8FA6K	8-TR-7-6RT	1/2	3/8-19	1.89	.98	7/8	.375
8-8K T2HG	8FA8K	8-TR-7-8RT	1/2	1/2-14	2.14	.98	1-1/16	.375

NOTE: Tube stub is pre-grooved as standard.

Dimensions for reference only, subject to change.

Generic (non-grooved) can be ordered through Quick Response Department.  
Add -Z6 for assembly of nuts and ferrules on the tube stub end.

## BSP Taper Female Adapter For metric tube



CPI™ PART NO.	A-LOK® PART NO.	INTER- CHANGES WITH	MILLIMETERS					
			TUBE O.D.	BSPT THREAD	A	K	W HEX	BORE
T2HG 3-1/8K	M3FA1/8K	3-MTA-7-2RT	3	1/8	27,8	13,5	14,0	1,8
T2HG 4-1/8K	M4FA1/8K	4-MTA-7-2RT	4	1/8	28,6	14,3	14,0	2,0
T2HG 6-1/8K	M6FA1/8K	6-MTA-7-2RT	6	1/8	30,2	15,9	14,0	4,0
T2HG 8-1/4K	M8FA1/4K	8-MTA-7-4RT	8	1/4	39,1	16,7	19,0	6,4
T2HG 10-1/4K	M10FA1/4K	10-MTA-7-4RT	10	1/4	36,5	17,5	19,0	7,5
T2HG 10-3/8K	M10FA3/8K	10-MTA-7-6RT	10	3/8	31,8	17,5	22,0	7,5
T2HG 10-1/2K	M10FA1/2K	10-MTA-7-8RT	10	1/2	41,3	17,5	27,0	7,5
T2HG 12-1/4K	M12FA1/4K	12-MTA-7-4RT	12	1/4	40,5	23,0	19,0	9,1
T2HG 12-3/8K	M12FA3/8K	12-MTA-7-6RT	12	3/8	43,7	23,0	22,0	9,1
T2HG 12-1/2K	M12FA1/2K	12-MTA-7-8RT	12	1/2	46,8	23,0	27,0	9,1
T2HG 16-1/2K	M16FA1/2K	16-MTA-7-8RT	16	1/2	48,4	24,6	27,0	12,7
T2HG 18-3/4K	M18FA3/4K	18-MTA-7-12RT	18	3/4	51,6	24,6	32,0	14,0
T2HG 20-3/4K	M20FA3/4K	20-MTA-7-12RT	20	3/4	52,4	25,4	32,0	15,1
T2HG 25-1K	M25FA1K	25-MTA-7-16RT	25	1	66,7	31,8	41,0	19,8

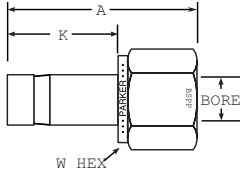
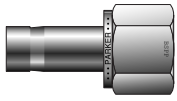
NOTE: Tube stub is pre-grooved as standard.

Dimensions for reference only, subject to change.

Add -Z6 for assembly of nuts and ferrules on the tube stub end.

# Port Connectors

## BSPF Female Adapter For fractional tube



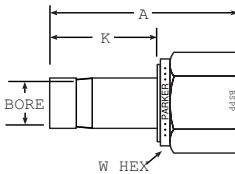
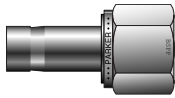
CPI™ PART NO.	A-LOK® PART NO.	INTER- CHANGES WITH	INCHES					
			TUBE O.D.	BSPP THREAD	A	K	W HEX	BORE
4-4R T2HG	4FA4R	4-TA-7-4RP	1/4	1/4	1.68	.63	3/4	.18
6-6R T2HG	6FA6R	6-TA-7-6RP	3/8	3/8	1.53	.69	7/8	.28
8-8R T2HG	8FA8R	8-TA-7-8RP	1/2	1/2	1.91	.91	1-1/16	.39

NOTE: Copper washer must be used for this design.

Dimensions for reference only, subject to change.

Tube stub is pre-grooved as standard. Generic (non-grooved) can be ordered through Quick Response Department. Add -Z6 for assembly of nuts and ferrules on the tube stub end.

## BSPF Female Adapter For metric tube



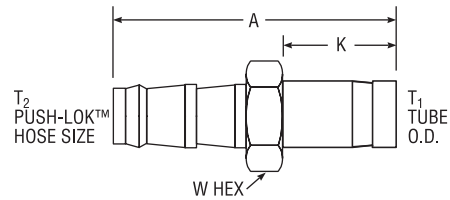
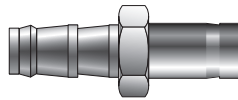
CPI™ PART NO.	A-LOK® PART NO.	INTER- CHANGES WITH	MILLIMETERS					
			TUBE O.D.	BSPP THREAD	A	K	W HEX	BORE
T2HG 3-1/8R	M3FA1/8R	3-MTA-7-2RP	3	1/8	28,6	13,5	14,0	1,8
T2HG 3-1/4R	M3FA1/4R	3-MTA-7-4RP	3	1/4	28,6	13,7	19,0	1,6
T2HG 4-1/8R	M4FA1/8R	4-MTA-7-2RP	4	1/8	29,4	14,3	14,0	2,0
T2HG 6-1/8R	M6FA1/8R	6-MTA-7-4RP	6	1/8	31,0	15,9	14,0	4,0
T2HG 6-1/4R	M6FA1/4R	6-MTA-7-4RP	6	1/4	37,3	15,9	19,0	4,0
T2HG 8-1/4R	M8FA1/4R	8-MTA-7-4RP	8	1/4	38,1	16,7	19,0	6,4
T2HG 10-1/4R	M10FA1/4R	10-MTA-7-4RP	10	1/4	38,9	17,5	19,0	7,5
T2HG 10-1/2R	M10FA1/2R	10-MTA-7-8RP	10	1/2	43,7	17,5	27,0	7,5
T2HG 12-3/8R	M12FA3/8R	12-MTA-7-6RP	12	3/8	44,5	23,0	22,0	9,1
T2HG 12-1/2R	M12FA1/2R	12-MTA-7-8RP	12	1/2	48,4	23,0	27,0	9,1
T2HG 16-1/2R	M16FA1/2R	16-MTA-7-8RP	16	1/2	50,0	24,6	27,0	12,7
T2HG 18-3/4R	M18FA3/4R	18-MTA-7-12RP	18	3/4	53,2	24,6	33,0	14,0
T2HG 20-3/4R	M20FA3/4R	20-MTA-7-12RP	20	3/4	54,0	25,4	33,0	15,1
T2HG 25-1R	M25FA1R	25-MTA-7-16RP	25	1	67,5	31,8	41,0	19,8

NOTE: Copper washer must be used for this design.

Dimensions for reference only, subject to change.

Tube stub is pre-grooved as standard. Generic (non-grooved) can be ordered through Quick Response Department. Add -Z6 for assembly of nuts and ferrules on the tube stub end.

## Push-Lok to Tube Adapter For fractional tube



CPI™ PART NO.	A-LOK® PART NO.	INTER- CHANGES WITH	INCHES				
			T <sub>1</sub> TUBE O.D.	T <sub>2</sub> HOSE SIZE	A	K	W HEX
4-4 P2T2	4P2TU4	PB4-TA4	1/4	-4	1.80	.64	7/16
6-6 P2T2	6P2TU6	PB6-TA6	3/8	-6	2.02	.72	9/16
8-8 P2T2	8P2TU8	PB8-TA8	1/2	-8	2.42	.98	11/16

NOTE: Drawing does not show Push-Lok collar.

Dimensions for reference only, subject to change.

Tube stub is pre-grooved as standard. Generic (non-grooved) can be ordered through Quick Response Department. Add -Z6 for assembly of nuts and ferrules on the tube stub end.

## Color Coding

For easy reference, table column headings are color indicated as follows:

fractional



metric

