

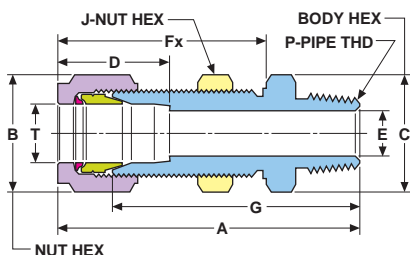
Bulkhead Connector, Male: BCM

connects fractional tube to female NPT threads



Metric fitting shown

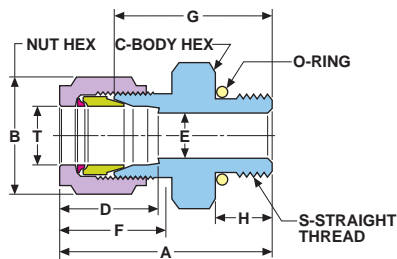
Part Number*	T Pipe		Dimensions — inches								Panel Hole Size	Max. Panel Thickness
	O.D.	Size	A	B Hex Flat	C Hex Flat	D	E min	Fx	G	J Hex Flat		
2BCM2[]	1/8	1/8	1.88	7/16	1/2	.56	.09	1.28	1.56	1/2	.33	.44
2BCM4[]	1/8	1/4	2.06	7/16	9/16	.56	.09	1.28	1.75	1/2	.33	.44
3BCM2[]	3/16	1/8	1.91	1/2	9/16	.59	.13	1.31	1.59	9/16	.39	.47
4BCM2[]	1/4	1/8	1.98	9/16	5/8	.64	.19	1.36	1.66	5/8	.45	.47
4BCM4[]	1/4	1/4	2.17	9/16	5/8	.64	.19	1.36	1.84	5/8	.45	.47
6BCM4[]	3/8	1/4	2.31	11/16	3/4	.72	.30	1.50	1.97	3/4	.58	.53
6BCM6[]	3/8	3/8	2.33	11/16	3/4	.72	.30	1.52	1.97	3/4	.58	.53
6BCM8[]	3/8	1/2	2.53	11/16	15/16	.7	.30	1.50	2.19	3/4	.58	.53
8BCM6[]	1/2	3/8	2.56	7/8	15/16	.97	.41	1.72	2.09	15/16	.77	.59
8BCM8[]	1/2	1/2	2.75	7/8	15/16	.97	.42	1.72	2.28	15/16	.77	.59



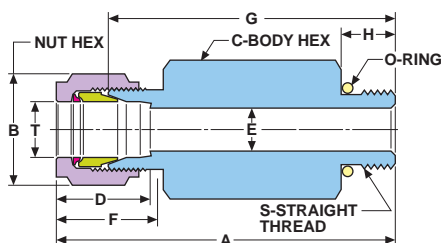
Bulkhead Connector, Male: BCM/ME

connects metric tube to female NPT threads

Part Number*	T Pipe		Dimensions — mm								Panel Hole Size	Max. Panel Thickness
	O.D.	Thd.	A	B Hex Flat	C Hex Flat	D	E min	Fx	G	J Hex Flat		
3BCM2[]ME	3	1/8	48.0	11.1	12.5	14.3	2.2	32.5	40.0	12.7	8.3	12.0
6BCM2[]ME	6	1/8	50.5	14.3	15.9	16.3	3.8	34.6	42.2	15.9	11.5	13.0
6BCM4[]ME	6	1/4	55.2	14.3	15.9	16.3	3.8	34.6	46.8	15.9	11.5	13.0
6BCM6[]ME	6	3/8	55.1	14.3	17.5	16.3	3.8	34.6	46.8	15.9	11.5	13.0
6BCM8[]ME	6	1/2	60.7	14.3	22.2	16.3	3.8	34.6	52.3	15.9	11.5	13.0
8BCM4[]ME	8	1/4	57.0	15.9	15.9	16.7	5.8	36.6	50.0	17.5	13.1	14.0
10BCM2[]ME	10	1/8	54.2	19.1	19.1	17.5	7.8	37.3	46.3	19.1	16.5	14.0
10BCM4[]ME	10	1/4	59.0	19.1	19.1	17.5	6.6	37.3	51.1	19.1	16.5	14.0
10BCM6[]ME	10	3/8	59.0	19.1	19.1	17.5	7.9	37.3	51.1	19.1	16.5	14.0
12BCM6[]ME	12	3/8	66.0	22.2	23.8	24.6	9.9	43.7	54.1	23.8	19.5	16.0
12BCM8[]ME	12	1/2	69.9	22.2	23.8	24.6	9.9	43.7	57.9	23.8	19.5	16.0
14BCM8[]ME	14	1/2	72.0	23.8	23.8	22.2	11.9	41.1	59.0	23.8	19.5	16.0
16BCM8[]ME	16	1/2	70.7	25.4	27.0	25.0	12.7	43.7	59.5	27.0	22.5	14.0
18BCM8[]ME	18	1/2	76.0	28.6	30.0	25.4	12.7	48.0	64.0	30.2	26.0	17.0
22BCM8[]ME	22	1/2	81.0	31.8	33.5	27.0	12.7	53.0	68.0	33.3	29.5	24.0
25BCM8[]ME	25	1/2	88.0	38.1	40.0	33.3	12.7	60.0	73.0	39.7	33.8	24.0



To specify O-ring material for SAE fittings, see page 6



* [] see page 6 for material specifications.

Male Connector, SAE: CMS

connects fractional tube to SAE straight thread boss

Part Number*	Dimensions — inches										O-ring Uniform Size #
	T	S	A	B Hex Flat	C Hex Flat	D	E min.	F	G	H	
2CMS2[]	1/8	5/16-24	1.25	7/16	7/16	.56	.09	.67	.94	.30	902
4CMS4[]	1/4	7/16-20	1.41	9/16	9/16	.64	.19	.77	1.08	.36	904
4CMS6[]	1/4	9/16-18	1.47	9/16	11/16	.64	.19	.77	1.14	.39	906
4CMS8[]	1/4	3/4-16	1.55	9/16	7/8	.64	.19	.77	1.22	.44	908
4CMS10[]	1/4	7/8-14	1.67	9/16	1	.64	.19	.77	1.34	.50	910
6CMS4[]	3/8	7/16-20	1.56	11/16	3/4	.72	.19	.83	1.22	.36	904
6CMS6[]	3/8	9/16-18	1.63	11/16	3/4	.72	.30	.83	1.27	.39	906
6CMS8[]	3/8	3/4-16	1.61	11/16	7/8	.72	.30	.83	1.27	.44	908
6CMS10[]	3/8	7/8-14	1.73	11/16	1	.72	.30	.83	1.38	.50	910
8CMS6[]	1/2	9/16-18	1.72	7/8	13/16	.97	.30	.92	1.25	.39	906
8CMS8[]	1/2	3/4-16	1.70	7/8	7/8	.97	.42	.92	1.25	.44	908
8CMS12[]	1/2	1 1/16-12	1.98	7/8	1 1/4	.97	.42	.92	1.52	.59	912
10CMS10[]	5/8	7/8-14	1.83	1	1	1	.50	.92	1.39	.50	910
12CMS8[]	3/4	3/4-16	1.91	1 1/8	1 1/16	1	.42	.97	1.45	.44	908
12CMS12[]	3/4	1 1/16-12	2.03	1 1/8	1 1/4	1	.66	.97	1.59	.59	912
16CMS12[]	1	1 1/16-12	2.19	1 1/2	1 3/8	1.31	.66	1.08	1.63	.59	912
16CMS16[]	1	1 5/16-12	2.25	1 1/2	1 1/2	1.31	.88	1.08	1.69	.59	916
20CMS20[]	1 1/4	1 5/8-12	2.69	1 7/8	1 7/8	1.62	1.09	1.53	1.82	.59	920
24CMS24[]	1 1/2	1 7/8-12	3.06	2 1/4	2 1/8	1.97	1.34	1.78	1.99	.59	924
32CMS32[]	2	2 1/2-12	4	3	2 3/4	2.66	1.81	2.47	2.53	.59	932

Long Male Connector, SAE: LCMS

connects fractional tube to SAE straight thread boss

Part Number*	Dimensions — inches										O-ring Uniform Size #
	T Tube O.D.	S	A	B Hex Flat	C Hex Flat	D	E min.	F	G	H	
4LCMS4[]	1/4	7/16-20	2.30	9/16	9/16	.64	.19	.77	1.97	.36	904
6LCMS6[]	3/8	9/16-18	2.55	11/16	3/4	.72	.30	.83	2.19	.39	906
8LCMS8[]	1/2	3/4-16	3.05	7/8	7/8	.97	.42	.92	2.58	.44	908
12LCMS12[]	3/4	1 1/16-12	3.92	1 1/8	1 1/4	1	.66	.97	3.48	.59	912
16LCMS16[]	1	1 5/16-12	4.42	1 1/2	1 1/2	1.31	.88	1.08	3.86	.59	916