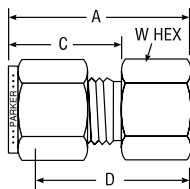
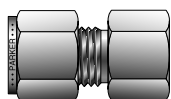


# Tube to Female Pipe

## NPT Female Connector For fractional tube



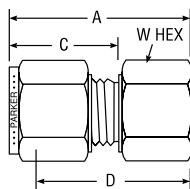
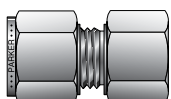
CPI™ PART NO.	A-LOK® PART NO.	INTER- CHANGES WITH	INCHES					
			TUBE O.D.	NPT PIPE THREAD	A	C	D	W HEX
1-1 GBZ	1FSC1N	100-7-1	1/16	1/16	0.93	0.43	0.78	7/16
1-2 GBZ	1FSC2N	100-7-2	1/16	1/8	0.95	0.43	0.81	9/16
2-2 GBZ	2FSC2N	200-7-2	1/8	1/8	1.14	0.60	0.88	9/16
2-4 GBZ	2FSC4N	200-7-4	1/8	1/4	1.32	0.60	1.06	3/4
3-2 GBZ	3FSC2N	300-7-2	3/16	1/8	1.17	0.64	0.91	9/16
3-4 GBZ	3FSC4N	300-7-4	3/16	1/4	1.35	0.64	1.09	3/4
4-2 GBZ	4FSC2N	400-7-2	1/4	1/8	1.23	0.70	0.94	9/16
4-4 GBZ	4FSC4N	400-7-4	1/4	1/4	1.42	0.70	1.13	3/4
4-6 GBZ	4FSC6N	400-7-6	1/4	3/8	1.48	0.70	1.19	7/8
4-8 GBZ	4FSC8N	400-7-8	1/4	1/2	1.67	0.70	1.38	1-1/16
5-2 GBZ	5FSC2N	500-7-2	5/16	1/8	1.27	0.73	0.97	9/16
5-4 GBZ	5FSC4N	500-7-4	5/16	1/4	1.46	0.73	1.16	3/4
5-6 GBZ	5FSC6N	500-7-6	5/16	3/8	1.51	0.73	1.22	7/8
6-2 GBZ	6FSC2N	600-7-2	3/8	1/8	1.29	0.76	1.00	5/8
6-4 GBZ	6FSC4N	600-7-4	3/8	1/4	1.48	0.76	1.19	3/4
6-6 GBZ	6FSC6N	600-7-6	3/8	3/8	1.54	0.76	1.25	7/8
6-8 GBZ	6FSC8N	600-7-8	3/8	1/2	1.73	0.76	1.44	1-1/16
6-12 GBZ	6FSC12N	600-7-12	3/8	3/4	1.85	0.76	1.56	1-1/4
8-4 GBZ	8FSC4N	810-7-4	1/2	1/4	1.59	0.87	1.19	13/16
8-6 GBZ	8FSC6N	810-7-6	1/2	3/8	1.65	0.87	1.25	7/8
8-8 GBZ	8FSC8N	810-7-8	1/2	1/2	1.84	0.87	1.44	1-1/16
8-12 GBZ	8FSC12N	810-7-12	1/2	3/4	1.96	0.87	1.56	1-1/4
10-6 GBZ	10FSC6N	1010-7-6	5/8	3/8	1.65	0.87	1.25	15/16
10-8 GBZ	10FSC8N	1010-7-8	5/8	1/2	1.84	0.87	1.44	1-1/16
10-12 GBZ	10FSC12N	1010-7-12	5/8	3/4	1.96	0.87	1.56	1-3/8
12-8 GBZ	12FSC8N	1210-7-8	3/4	1/2	1.84	0.87	1.44	1-1/16
12-12 GBZ	12FSC12N	1210-7-12	3/4	3/4	1.96	0.87	1.56	1-3/8
14-12 GBZ	14FSC12N	1410-7-12	7/8	3/4	1.96	0.87	1.56	1-3/8
16-12 GBZ	16FSC12N	1610-7-12	1	3/4	2.15	1.05	1.66	1-3/8
16-16 GBZ	16FSC16N	1610-7-16	1	1	2.46	1.05	1.97	1-5/8
20-20 GBZ	20FSC20N	2010-7-20	1-1/4	1-1/4	2.94	1.52	2.08	2
24-24 GBZ	24FSC24N	2410-7-24	1-1/2	1-1/2	3.28	1.77	2.22	2-3/8
32-32 GBZ	32FSC32N	3210-7-32	2	2	4.00	2.47	2.53	2-7/8

NOTE: A and C dimensions are typical finger-tight.

Dimensions for reference only, subject to change.

Sizes 20, 24, 32 require additional lubrication prior to assembly.

## NPT Female Connector For metric tube



CPI™ PART NO.	A-LOK® PART NO.	INTER- CHANGES WITH	MILLIMETERS					
			TUBE O.D.	NPT THREAD	A	C	D	W HEX
GBZ 3-1/8	M3FSC1/8N	3MO-7-2	3	1/8	28,8	15,3	22,2	14,0
GBZ 3-1/4	M3FSC1/4N	3MO-7-4	3	1/4	33,6	15,3	27,0	19,0
GBZ 4-1/8	M4FSC1/8N	4MO-7-2	4	1/8	29,6	16,1	23,0	14,0
GBZ 6-1/8	M6FSC1/8N	6MO-7-2	6	1/8	31,3	17,7	23,8	14,0
GBZ 6-1/4	M6FSC1/4N	6MO-7-4	6	1/4	36,1	17,7	28,6	19,0
GBZ 6-3/8	M6FSC3/8N	6MO-7-6	6	3/8	37,7	17,7	30,2	22,0
GBZ 6-1/2	M6FSC1/2N	6MO-7-8	6	1/2	42,5	17,7	35,0	27,0
GBZ 8-1/8	M8FSC1/8N	8MO-7-2	8	1/8	32,1	18,6	24,6	14,0
GBZ 8-1/4	M8FSC1/4N	8MO-7-4	8	1/4	36,9	18,6	29,4	19,0
GBZ 8-3/8	M8FSC3/8N	8MO-7-6	8	3/8	38,5	18,6	31,0	22,0
GBZ 10-1/4	M10FSC1/4N	10MO-7-4	10	1/4	37,8	19,5	30,2	19,0
GBZ 10-3/8	M10FSC3/8N	10MO-7-6	10	3/8	39,4	19,5	31,8	22,0
GBZ 10-1/2	M10FSC1/2N	10MO-7-8	10	1/2	44,1	19,5	36,5	27,0
GBZ 12-1/4	M12FSC1/4N	12MO-7-4	12	1/4	41,9	22,0	31,8	22,0
GBZ 12-3/8	M12FSC3/8N	12MO-7-6	12	3/8	41,9	22,0	31,8	22,0
GBZ 12-1/2	M12FSC1/2N	12MO-7-8	12	1/2	46,6	22,0	36,5	27,0
GBZ 16-3/8	M16FSC3/8N	16MO-7-6	16	3/8	41,9	22,0	31,8	27,0
GBZ 16-1/2	M16FSC1/2N	16MO-7-8	16	1/2	46,9	22,0	36,5	27,0
GBZ 20-1/2	M20FSC1/2N	20MO-7-8	20	1/2	47,9	22,0	37,8	30,0
GBZ 20-3/4	M20FSC3/4N	20MO-7-12	20	3/4	49,7	22,0	39,6	35,0
GBZ 22-3/4	M22FSC3/4N	22MO-7-12	22	3/4	49,7	22,0	39,6	35,0
GBC 25-3/4	M25FSC3/4N	25MO-7-12	25	3/4	53,6	26,5	41,3	35,0
GBC 25-1	M25FSC1N	25MO-7-16	25	1	62,3	26,5	50,0	41,0

Dimensions for reference only, subject to change.



Hanley Controls Clonmel Ltd.

Gortnaflour, Clonmel, Co. Tipperary  
tel: + 353 52 6122722  
email: info@hccl.ie  
web: www.hccl.ie

Private and Confidential