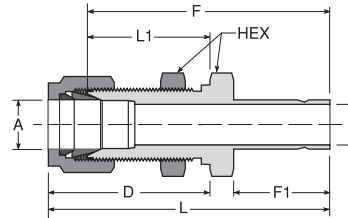


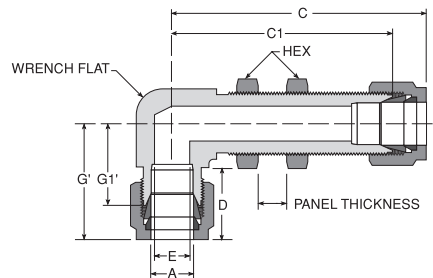
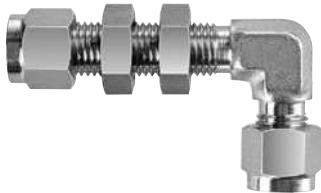
BULKHEAD ADAPTER



PART No.	A Tube OD	Hex Tube Nut	D	E Min Orifice	F	F1	L1	L OAL	Hex Body	Panel Hole Drill Size	Max Panel Thickness
DSE-2-*	1/8"	5/16"	1.23	0.09	1.69	0.55	0.97	1.95	1/2"	21/64"	0.50
DSE-4-*	1/4"	9/16"	1.32	0.19	1.91	0.65	1.03	2.20	5/8"	29/64"	0.40
DSE-6-*	3/8"	1 1/16"	1.45	0.28	2.12	0.71	1.16	2.41	3/4"	37/64"	0.44
DSE-8-*	1/2"	7/8"	1.64	0.39	2.47	0.93	1.26	2.87	15/16"	49/64"	0.50

* Add Suffix "SS" for 316 Stainless Steel or "B" for Brass.

BULKHEAD UNION ELBOW



PART No.	A Tube OD	Hex Tube Nut	D	C	C1	E Min Orifice	G	G1	Wrench Flat	Hex Panel Nut	Panel Hole Drill Size	Max Panel Thickness
DSL-2-*	1/8"	7/16"	0.60	1.93	1.67	0.09	0.88	0.62	3/8"	1/2"	21/64"	0.60
DSL-3-*	3/16"	1/2"	0.63	2.03	1.77	0.12	1.01	0.75	1/2"	9/16"	25/64"	0.61
DSL-4-*	1/4"	9/16"	0.70	2.10	1.81	0.19	1.07	0.79	1/2"	5/8"	29/64"	0.61
DSL-5-*	5/16"	5/8"	0.73	2.30	2.01	0.25	1.17	0.89	5/8"	1 1/16"	33/64"	0.74
DSL-6-*	3/8"	1 1/16"	0.76	2.36	2.07	0.28	1.20	0.91	5/8"	3/4"	37/64"	0.74
DSL-8-*	1/2"	7/8"	0.86	2.67	2.27	0.41	1.38	0.94	13/16"	15/16"	49/64"	0.74
DSL-10-*	5/8"	1"	0.86	2.82	2.42	0.50	1.46	1.06	15/16"	1 1/16"	57/64"	0.50
DSL-12-*	3/4"	1 1/8"	0.86	3.08	2.68	0.62	1.51	1.11	1 1/16"	1 3/16"	13/16"	0.66

* Add Suffix "SS" for 316 Stainless Steel or "B" for Brass.

Dimensions are provided in inches and are for reference only, subject to change. Dimensions shown are with the nut in the finger-tight position.