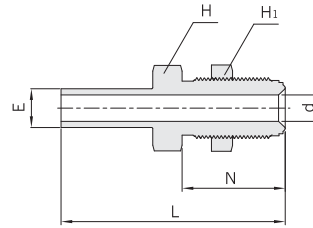


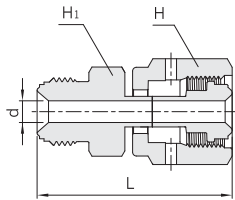
Clean Fittings

Tube Butt Weld Bulkhead Connector H-ZBT



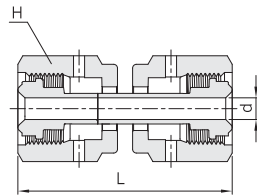
Part No.	ZCR Size	E Tube O.D.	d		L		N		H	H ₁	Panel Hole size		Max. Panel Thickness		Working Pressure (psig)
			mm	in.	mm	in.	mm	in.			mm	in.	mm	in.	
H-ZBT4-4	1/4	1/4	4.55	0.18	59.9	2.36	33.0	1.30	3/4	3/4	14.5	0.57	11.1	0.44	5100 (351)
H-ZBT4-4L50					49.5	1.95	25.1	0.99					3.30	0.13	

Swivel Male/Female Union H-ZSMU



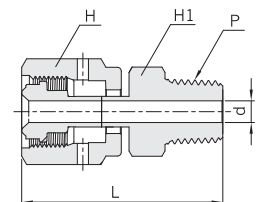
Part No.	ZCR Size	d		L		H	H ₁	Working Pressure psig (bar)		
		mm	in.	mm	in.			NI	SS	CU
H-ZSMU-4	1/4	4.55	0.18	42.9	1.69	3/4	5/8	80000 (551)	10000 (689)	6400 (440)

Swivel Female Union H-ZSUA



Part No.	ZCR Size	d		L		H	Working Pressure psig (bar)		
		mm	in.	mm	in.		NI	SS	CU
H-ZSUA-4	1/4	4.55	0.18	43.4	1.71	3/4	8000 (551)	10000 (689)	6400 (440)
H-ZSUA-8	1/2	10.14	0.40	46.7	1.84	1 1/16	3500 (241)	4300 (296)	2800 (192)

Swivel Male NPT Connector H-ZSMC



Part No.	ZCR Size	d		L		H	H ₁	P NPT	Working Pressure psig (bar)		
		mm	in.	mm	in.				NI	SS	CU
H-ZSMC4-2N	1/4	4.55	0.18	40.1	1.58	3/4	7/16	1/8	8000 (551)		6400 (440)
H-ZSMC4-4N				45.5	1.79						
H-ZSMC8-6N	1/2	10.14	0.40	48.0	1.89	1 1/16	11/16	3/8	3500 (241)	4300 (296)	2800 (192)
H-ZSMC8-8N				53.1	2.09						

Dimensions are reference only, subject to change.