

**Imperial Requirements:**

Size	Socket Entrance					Socket Bottom					Socket Length Min
	Min	Ave	Max	+/-	O/R	Min	Ave	Max	+/-	O/R	
½" CTS	.578	.585	.595	+0.010 -0.007	.020	.568	.575	.585	+0.010 -0.007	.020	.625
½" IPS	.800	.810	.815	+0.005 -0.010	.016	.778	.804	.809	+0.005 -0.026	.016	.575
¾" CTS	.825	.835	.845	+/-0.010	.020	.815	.825	.835	+/-0.010	.020	.625
¾" IPS	1.012	1.020	1.028	+/-0.008	.020	1.000	1.012	1.020	+0.008 -0.012	.020	.625
1" CTS	1.067	1.075	1.083	+/-0.008	.016	1.058	1.070	1.078	+0.008 -0.012	.016	.625
1" IPS	1.267	1.275	1.283	+/-0.008	.020	1.255	1.267	1.275	+0.008 -0.012	.020	.685
1 ¼" CTS	1.322	1.330	1.338	+/-0.008	.016	1.314	1.322	1.330	+/-0.008	.020	.687
1 ¼" IPS	1.612	1.620	1.628	+/-0.008	.024	1.596	1.612	1.620	+0.008 -0.016	.024	.875
1 ½" IPS	1.850	1.860	1.870	+/-0.010	.024	1.829	1.849	1.859	+0.010 -0.020	.024	.875
2" IPS	2.325	2.335	2.345	+/-0.010	.024	2.304	2.324	2.334	+0.010 -0.020	.024	.875
3" IPS	3.440	3.455	3.470	+/-0.015	.030	3.414	3.439	3.454	+0.015 -0.025	.030	1.000
4" IPS	4.435	4.450	4.465	+/-0.015	.030	4.399	4.434	4.449	+0.015 -0.035	.030	1.125

Metric Requirements:

Size	Socket Entrance					Socket Bottom					Socket Length Min
	Min	Ave	Max	+/-	O/R	Min	Ave	Max	+/-	O/R	
½" CTS	14.68	14.86	15.11	+0.25 -0.18	0.50	14.43	14.61	14.86	+0.25 -0.18	0.50	15.88
½" IPS	20.32	20.57	20.70	+0.13 -0.25	0.40	19.76	20.42	20.55	+0.13 -0.66	0.40	14.61
¾" CTS	20.96	21.21	21.46	+/-0.25	0.50	20.71	20.96	21.21	+/-0.25	0.50	15.88
¾" IPS	25.71	25.91	26.11	+/-0.20	0.50	25.40	25.70	25.90	+0.20 -0.30	0.50	15.88
1" CTS	27.10	27.30	27.50	+/-0.20	0.40	26.88	27.18	27.38	+0.20 -0.30	0.40	15.88
1" IPS	32.18	32.38	32.58	+/-0.20	0.50	31.88	32.18	32.38	+0.20 -0.30	0.50	17.40
1 ¼" CTS	33.58	33.78	33.98	+/-0.20	0.40	33.38	33.58	33.78	+/-0.20	0.50	17.45
1 ¼" IPS	40.95	41.15	41.35	+/-0.20	0.60	40.54	40.94	41.14	+0.20 -0.40	0.60	22.23
1 ½" IPS	46.99	47.24	47.49	+/-0.25	0.60	46.46	46.96	47.21	+0.25 -0.50	0.60	22.23
2" IPS	59.06	59.31	59.56	+/-0.25	0.60	58.53	59.03	59.28	+0.25 -0.50	0.60	22.23
3" IPS	87.38	87.76	88.14	+/-0.38	0.76	86.71	87.35	87.73	+0.38 -0.64	0.76	25.40
4" IPS	112.65	113.03	113.41	+/-0.38	0.76	111.73	112.62	113.00	+0.38 -0.89	0.76	28.58