



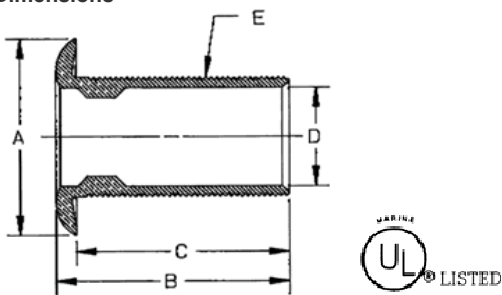
65-BF7 / BN7 / CF7 / CN7 Thru-Hull Connections



Overview

For connections below the waterline; 85-5-5-5 Bronze.

Dimensions



Number	Size	A	B	C	D	E (Tapping)	WT/100***
	in./mm.	in./mm.	in./mm.	in./mm.	in./mm.		lb./kg.
65-**-63	1/2	1.700	2.500	2.260	0.469	1/2" NPSM	33.5
	15	43.180	63.500	57.404	11.913		15.195
65-**-50	3/4	1.930	2.460	2.250	0.750	3/4" NPSM	35
	20	49.022	62.484	57.150	19.050		15.876
65-**-51	1	2.310	2.750	2.500	1.030	1" NPSM	47.5
	25	58.674	69.850	63.500	26.162		21.546
65-**-52	1-1/4	2.810	3.280	3.000	1.313	1 1/4" NPSM*	84
	32	71.374	83.312	76.200	33.350		38.102
65-**-53	1-1/2	3.060	3.620	3.310	1.530	1 1/2" NPSM*	107.5
	40	77.724	91.948	84.074	38.862		48.761
65-**-54	2	3.620	3.810	3.500	2.000	2" NPSM*	142
	50	91.948	96.774	88.900	50.800		64.410
65-**-55	2-1/2	4.310	3.930	3.560	2.430	2 1/2" NPSM*	216.5
	65	109.474	99.822	90.424	61.722		98.203
65-**-64	3	5.430	5.530	5.060	3.000	3" NPSM*	452
	80	137.922	140.462	128.524	76.200		205.024
65-**-66	4	7.000	6.690	6.190	4.000	4" NPSM	746
	100	177.800	169.926	157.226	101.600		338.380

NOTES:

* = Also Available in British threads (BSP)

*** = Weights are listed without nuts

**=Materials:

- BF for Bronze Fitting only.
- BN for Bronze Fitting with nut
- CF for Chrome Fitting only
- CN for Chrome Fitting with nut.