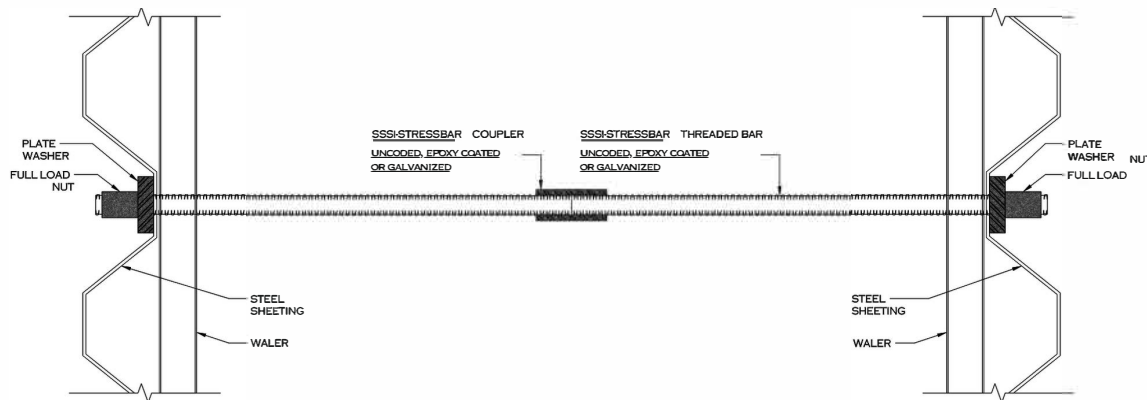
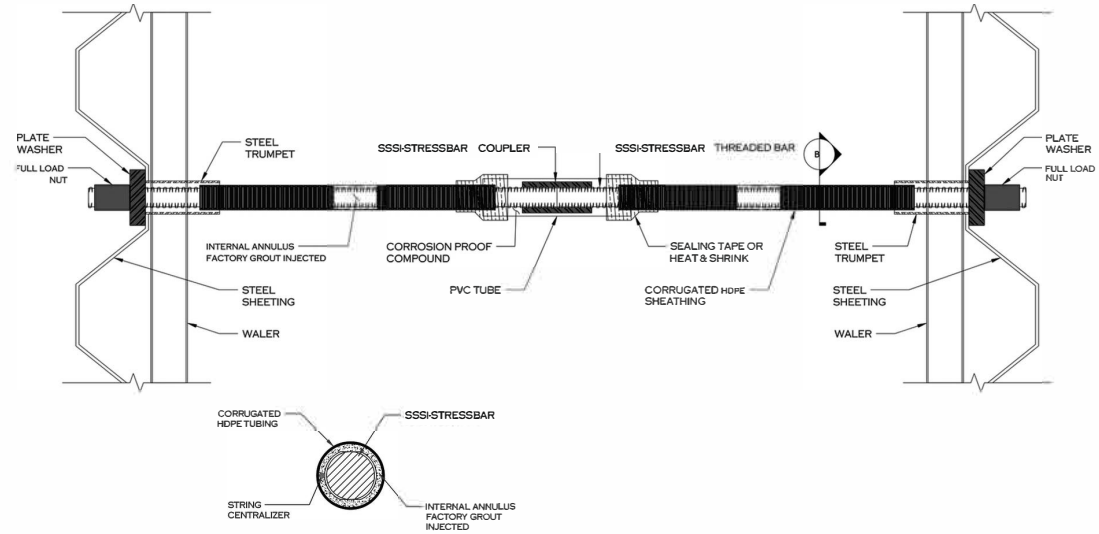


# SSSI - MARINE TIE RODS

## GRADE 80 KSI

Grade 80	Size	Nominal Diameter	Maximum OD	Area	Weight	Yield Load	Ultimate Strength
SSSI Part Number	#	[in]	[in]	[in <sup>2</sup> ]	[lbs/ft]	Kips	Kips
BR3680S	11	1 3/8	1.587	1.56	5.37	125	164
BR4380S	14	1 3/4	1.886	2.25	7.65	180	236
BR5780S	18	2 1/4	2.465	4.00	13.60	320	420
BR6380S	20	2 1/2	2.717	4.91	16.71	393	516
BR7580S	24	3	3.209	6.85	23.27	548	719
BR8980S	28	3 1/2	3.880	9.61	32.70	769	1009
BR10080S	32	4	4.290	12.17	41.40	974	1278



## SECTION B DOUBLE CORROSION PROTECTION

## GRADE 100 KSI

Grade 100	Size	Nominal Diameter	Maximum OD	Area	Weight	Yield Load	Ultimate Strength
SSSI Part Number	#	[in]	[in]	[in <sup>2</sup> ]	[lbs/ft]	Kips	Kips
BR36100S	11	1 3/8	1.543	1.56	5.37	156	205
BR43100S	14	1 3/4	1.886	2.25	7.65	225	295
BR57100S	18	2 1/4	2.472	4.00	14.08	400	525
BR63100S	20	2 1/2	2.717	4.91	16.68	491	645
BR759100S	24	3	3.209	6.85	23.27	685	899
BR8980S	28	3 1/2	3.880	9.61	32.70	961	1262
BR10080S	32	4	4.290	12.17	41.40	1218	1598

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