

## THRU-HULL CONNECTORS CHART

Forespar series of Thru-Hull Connectors are precision molded in high strength Marelon. Their great strength, light weight and complete freedom from corrosion and electrolysis make them the ideal Thru-Hull Connectors for use above or below the waterline. All Thru-Hull COonnectors must be installed with proper bedding compound. We recommed a maximum torque setting of 20 lb/ft. for Series 250, Series 251, and Series 253 Thru-Hull Connectors. The 'S' notation in our model numbers (eg. CF 250S 1/2) indicates a Trhu-Hull Connector that has been fitted with a screen.

### 250 SERIES FULL THREADED/FLUSH HEAD 'S' DENOTES SCREENED



Part No.	Model No.	Thread Size	Length
906000	CF 250 1/2	1/2" (12.7mm)	2" (50.8mm)
906001	CF 250S 1/2	1/2" (12.7mm)	2" (50.8mm)
906002	CF 250 3/4	3/4" (19.05mm)	2.25" (57.15mm)
906003	CF 250S 3/4	3/4" (19.05mm)	2.25" (57.15mm)
906004	CF 250 1	1" (25.4mm)	2.375" (60.32mm)
906005	FC 250S 1	1" (25.4mm)	2.375" (60.32mm)
906006	CF 250 1-1/4	1-1/4"(31.75mm)	3" (66.2mm)
906007	CF 250S 1-1/4	1-1/4"(31.75mm)	3" (66.2mm)
906008	CF 250 1-1/2	1-1/2" (38.1mm)	3" (66.2mm)
906009	CF 250S 1-1/2	1-1/2" (38.1mm)	3" (66.2mm)

### 251 SERIES FULL THREADED/MUSHROOM HEAD 'S' DENOTES SCREENED



Part No.	Model No.	Thread Size	Length
906010	CF 251 1/2	1/2" (12.7mm)	2" (50.8mm)
906011	CF 251S 1/2	1/2" (12.7mm)	2" (50.8mm)
906012	CF 251 3/4	3/4" (19.05mm)	2.25" (57.15mm)
906013	CF 251S 3/4	3/4" (19.05mm)	2.25" (57.15mm)
906014	CF 251 1	1" (25.4mm)	2.375" (60.32mm)
906015	FC 251S 1	1" (25.4mm)	2.375" (60.32mm)
906016	CF 251 1-1/4	1-1/4"(31.75mm)	3" (66.2mm)
906017	CF 251S 1-1/4	1-1/4"(31.75mm)	3" (66.2mm)
906018	CF 251 1-1/2	1-1/2" (38.1mm)	3" (66.2mm)
906019	CF 251S 1-1/2	1-1/2" (38.1mm)	3" (66.2mm)
906020	CF 251 2	2" (50.8mm)	3" (66.2mm)
906021	CF 251 2	2" (50.8mm)	3" (66.2mm)

### 253 SERIES HOSE TAILPIPE/MUSHROOM HEAD 'S' DENOTES SCREENED



Part No.	Model No.	Hose I.D.
906022	CF 253 1/2	1/2" - 5/8" (12.7mm - 15.87mm)
906023	CF 253S 1/2	1/2" - 5/8" (12.7mm - 15.87mm)
906024	CF 253 3/4	3/4" (19.05mm)
906025	CF 253S 3/4	3/4" (19.05mm)
906026	CF 253 1	1" (25.4mm)
906027	FC 253S 1	1" (25.4mm)
906070	CF 253 1-1/8	1-1/8"(28.57mm)
906071	CF 253S 1-1/8	1-1/8"(28.57mm)
906028	CF 253 1-1/4	1-1/4" (31.75mm)
906029	CF 253S 1-1/4	1-1/4" (31.75mm)
906030	CF 253 1-1/2	1-1/2" (38.1mm)
906031	CF 253S 1-1/2	1-1/2" (38.1mm)
906032	CF 253 2	2" (50.8mm)
906033	CF 253S 2	2" (50.8mm)

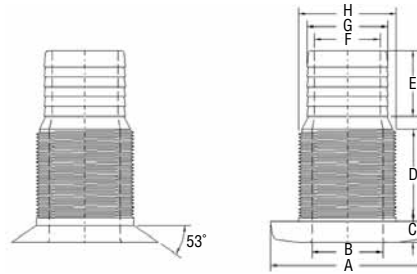
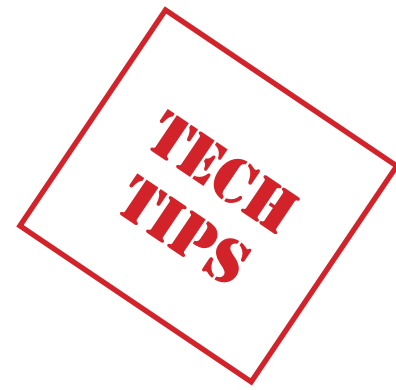
### FLUSH HEAD DRAIN 'S' DENOTES SCREENED



Part No.	Model No.	Thread Size & Hose I.D.	Thread Length
906038	CF 254 1-1/4	1-1/4" (31.75mm)	1 3/4" (44.45mm)
906036	CF 254 1-1/2	1-1/4" (31.75mm)	1 3/4" (44.45mm)
906037	CF 254S 1-1/2	1-1/2" (38.1mm)	1 3/4" (44.45mm)
906034	CF 254 2	1-1/2" (38.1mm)	1 3/8" (34.92mm)
906035	CF 254S 2	2" (50.8mm)	1 3/8" (34.92mm)
906039	CF 254 1-5/8	2" (50.8mm)	1 3/8" (34.92mm)

# FORESPAR<sup>®</sup> MARELON<sup>®</sup>

## THRU-HULL CONNECTORS CHART



SERIES SIZE	A	B	C	D	E	F	G	H
<b>250</b>								
1/2"(12.7mm)	2.375(60.32mm)	.430(10.92mm)	.335(8.5mm)	2.000(50.8mm)	N/A	N/A	N/A	.810(20.57mm)
3/4"(19.05mm)	2.430(61.72mm)	.665(16.89mm)	.320(8.1mm)	2.250(57.15mm)	N/A	N/A	N/A	1.015(25.78mm)
1"(25.4mm)	2.835(72mm)	.875(22.22mm)	.320(8.1mm)	2.375(60.32mm)	N/A	N/A	N/A	1.285(32.63mm)
1-1/4"(31.75mm)	2.820(71.63mm)	1.115(28.32mm)	.325(8.25mm)	3.000(76.2mm)	N/A	N/A	N/A	1.635(41.52mm)
1-1/2"(38.1mm)	2.810(71.37mm)	1.380(35.05mm)	.320(8.1mm)	3.000(76.2mm)	N/A	N/A	N/A	1.850(46.99mm)
<b>251</b>								
1/2"(12.7mm)	1.500(38.1mm)	.448(11.37mm)	.256(6.5mm)	2.125(53.97mm)	N/A	N/A	N/A	.810(20.57mm)
3/4"(19.05mm)	2.084(52.93mm)	.690(17.52mm)	.335(8.5mm)	3.093(78.56mm)	N/A	N/A	N/A	1.028(26.11mm)
1"(25.4mm)	2.345(59.56mm)	.880(22.35mm)	.288(7.31mm)	2.400(60.96mm)	N/A	N/A	N/A	1.282(32.56mm)
1-1/4"(31.75mm)	2.650(67.31mm)	1.110(28.19mm)	.345(8.76mm)	2.950(74.93mm)	N/A	N/A	N/A	1.615(41.02mm)
1-1/2"(38.1mm)	2.940(74.67mm)	1.360(34.54mm)	.345(8.76mm)	2.950(74.93mm)	N/A	N/A	N/A	1.850(46.99mm)
<b>253</b>								
1/2"(12.7mm)	1.506(38.25mm)	.505(12.82mm)	.265(6.73mm)	1.490(37.84mm)	.975(24.76mm)	.439(11.15mm)	.657(16.68mm)	.812(20.62mm)
3/4"(19.05mm)	2.100(53.34mm)	.670(17.01mm)	.325(8.25mm)	1.677(42.59mm)	1.028(26.11mm)	.535(13.58mm)	.770(19.55mm)	1.015(25.78mm)
1"(25.4mm)	2.350(59.69mm)	.958(24.33mm)	.295(7.49mm)	1.695(43.05mm)	1.085(27.55mm)	.797(20.24mm)	1.015(25.78mm)	1.280(32.51mm)
1-1/4"(31.75mm)	2.675(67.94mm)	1.194(30.32mm)	.327(8.3mm)	1.818(46.17mm)	1.280(32.51mm)	1.021(25.93mm)	1.273(32.33mm)	1.615(41.02mm)
1-1/2"(38.1mm)	2.933(74.49mm)	1.350(34.29mm)	.345(8.76mm)	1.875(47.62mm)	1.280(32.51mm)	1.258(31.95mm)	1.530(38.86mm)	1.850(46.99mm)
2"(50.8mm)	3.511(89.17mm)	1.842(46.78mm)	.375(9.5mm)	1.875(47.62mm)	1.350(34.29mm)	1.610(40.89mm)	2.018(51.25mm)	2.320(58.92mm)
<b>254</b>								
1-1/4"(31.75mm)	2.805(71.24mm)	1.164(29.56mm)	.316(8.02mm)	1.500(38.1mm)	1.280(32.51mm)	.945(24mm)	1.260(32mm)	1.615(41.02mm)
1-1/2"(38.1mm)	2.805(71.24mm)	1.406(35.71mm)	.316(8.02mm)	1.500(38.1mm)	1.280(32.51mm)	1.115(28.32mm)	1.475(37.46mm)	1.850(46.99mm)
2"(50.8mm)	3.525(89.53mm)	1.672(42.46mm)	.325(8.25mm)	1.500(38.1mm)	1.300(33.02mm)	1.480(37.59mm)	2.018(51.25mm)	2.320(58.92mm)

Forespar<sup>®</sup>

22322 Gilberto Rancho Santa Margarita, CA. 92688

Ph: 949-858-8820 Fax: 949-858-0505

[www.forespar.com](http://www.forespar.com) [sales@forespar.com](mailto:sales@forespar.com)

[www.facebook.com/foresparsailing](http://www.facebook.com/foresparsailing) [www.twitter.com/foresparsailing](http://www.twitter.com/foresparsailing)