



SPARTAN MARINE PRODUCTS, INC.
 160 Middleboro Ave.
 East Taunton, MA 02718

Boom Vang System Installation And Recomendations

Boat	Mast Bail	Mast Bail Fasteners	Boom Bail	Boom Bail Fasteners	X Dimension	Y Dimension
TY-D	90-10	3/8x3" HXHD	SM 291 B	(4)#10x3/8" PHST	2' 6"	3' 10"
TY-W	90-10	3/8x3" HXHD	SM291 B	(4)#10x3/8" PHST	2' 9"	7 1/2"
CD-22	90-09	3/8x3 1/2" HXHD	90-10	3/8x3" HXHD	3' 0"	2"
CD-25	90-09	3/8x3 1/2" HXHD	90-10	3/8x3" HXHD	3' 7"	2"
CD-25 D	90-07	3/8x4 1/4" HXHD	90-10	3/8x3" HXHD	3' 5"	6"
CD-27	90-07	3/8x4-3/4" HXHD	90-09	3/8x3 1/2" HXHD	3' 8"	2 1/2"
CD-28	90-07	3/8x4-3/4" HXHD	90-09	3/8x3 1/2" HXHD	4' 0"	4"
CD-30	90-07	3/8x4-3/4" HXHD	90-09	3/8x3 1/2" HXHD	4' 2"	2 1/2"
CD-31	90-07	3/8x5 1/2" HXHD	90-07	3/8x4 1/4" HXHD	3' 3-3/4"	7' 1/4"
CD-33	90-12	3/8x5 1/2" HXHD	90-07	3/8x4-3/4" HXHD	4' 3"	7' 10"
CD-36	90-12	3/8x5 1/2" HXHD	90-07	3/8x4-3/4" HXHD	5' 0"	7' 10"

Notes & Recomendations:

- 1.) Drill 3/8 Bolt holes with 25/64 drill.
- 2.) Use 1/8 or 3/16 drill as pilot for 25/64 drill.
- 3.) Measure, mark & drill both sides for fastener holes.
- 4.) Don not over tighten bolts.
- 5.) Use #21 drill for #10 Pan Head, Self Tapping fasteners.
- 6.) Angle SM 291 B Bail approximately 30° Degrees foward.

