

US SPARS RIGID VANGS

To order, [click here](#) to contact American Rigging Supply, Inc.

Our rigid vang has a stainless steel spring operation, which works in compression.
With our vang fitted there is no need to use your boom topping lift.

VANG SIZE	Load KG	Range mm	Use with boom	Vang price	Mast fitting	Boom fitting
Small 25/30	100	100	Z160 Z204	\$198.00	3271 \$50.60	3484 \$29.96
Medium 45/57	250	180	Z360 Z480	\$330.00	3241 \$63.47	3047 \$35.59
Large 57/70	500	150	Z690	\$516.00	3811 \$186.64	3456 \$47.10

VANG END DATA

Vang Size	Fork Gap	Pin Size
Small	7mm	8mm
Medium	13mm	10mm
Large	28mm	12mm

Boom End



Mast End

For more information, click here to contact American Rigging Supply, Inc.

- 1/ The optimum angle for your U.S.Spars vang to be effective is 30* this is governed by the position of the mast and boom fitting**
- 2/ The mast attachment is best located as close to the deck as possible, we recommend 80mm above deck to the underside of the bracket.**
- 3/ Your U.S.spars rigid vang will come to you overlong and may need to be shorted to achieve the correct boom support. Shorting the vang is simply as case of reducing the length of the inner or smaller tube by pulling the two tubes apart and cutting the inner tube.**
- 4/ Fit the vang to the mast and boom fittings, large tube to the boom leave the boom fitting loose in the track (use the boom topping lift to raise the boom enough to install the rigid vang).**
- 5/ With the sail installed release the topping lift and with no tension on the vang line check the boom angle. You may need to move the vang boom fitting aft to lower the boom, keep in mind the 30* optimal angle.**
- 6/ Once you are happy that your vang is supporting the boom above horizontal pull the boom down using the mainsheet until it grounds out, this is the maximum compression of the vang and the boom should now be approximately 4* under horizontal. If the vang ground out before the boom is under horizontal then the vang is too long and damage will accoure if used.**
- 7/ Shorten vang as required.**
- 8/ Once you have achieved the desired vang length fit the boom fitting in place (to check that the position is correct we recommend a temporary fixing, and test the vang under sailing conditions before final positioning).**
- 9/ The vang comes with its own 4-1 purchase installed; the rope must exit the final sheave at the boom end and run back to the base of the mast. Use a base block to run the vang line aft to the cockpit.**
- 10/ When boat is at rest at its berth attachet the boom lift and release pressure from the vang.**