

## Kicker Systems

Kicker Systems, also known as Vang Systems, are designed to pull down tension on the boom to stop it kicking up in the air and keep the sail shape. Barton can offer pre-made systems or you can build your own by selecting the right blocks from the range.

### PRE-MADE CRUISING VANGS:-

02900 - Size 2 4:1 Vang System, Swivel Head, For Boats up to 6.1m (20ft)

Comprises: N02631 fiddle block with swivel shackle, becket and cam and N02430 fiddle block with swivel shackle. 6.1m (20ft) of 8mm (5/16") braided polyester line with soft eye

SWL = 370kg (815lbs).  
Length = 400mm - 15 3/4"  
Height = 40mm - 1 9/16"  
Width = 80mm - 3 1/8"  
Weight = 0.6kg - 1lb 5oz



03900 - Size 3 4:1 Vang System, with Snap Shackles - For boats up to 7.6m (25ft)

Comprises: N03641 fiddle block with swivel snap shackle, becket and cam and N02440 fiddle block with swivel snap shackle. 7.3m (25ft) of 8mm (5/16") braided polyester line with soft spliced eye

SWL = 400KG - 880lbs.  
Length = 400mm - 15 3/4"  
Height = 70mm - 2 3/4"  
Width = 100mm - 3 15/16"  
Weight = 0.8 kg - 1lb 12oz



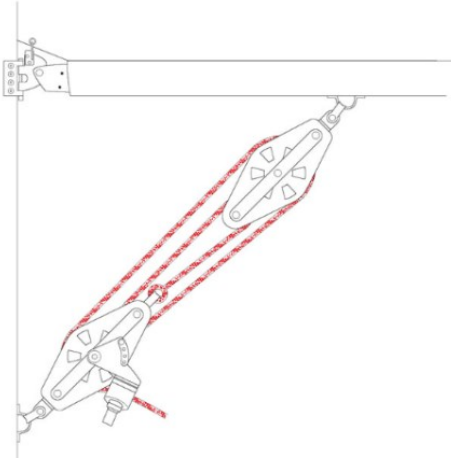
05900 - Size 5 4:1 Vang System with Snap Shackles - For boats up to 10.7m (35ft)

Comprises: N05641 fiddle block with swivel snap shackle, becket and cam and N05440 fiddle block with swivel snap shackle. 12.2m (35ft) of 10mm (3/8") braided polyester line with soft spliced eye.

SWL = 750kg - 1650lbs.  
Length = 490mm - 19 5/16"  
Height = 90mm - 3 9/16"  
Width = 140mm - 5 1/2"  
Weight = 1.8kg - 4lbs



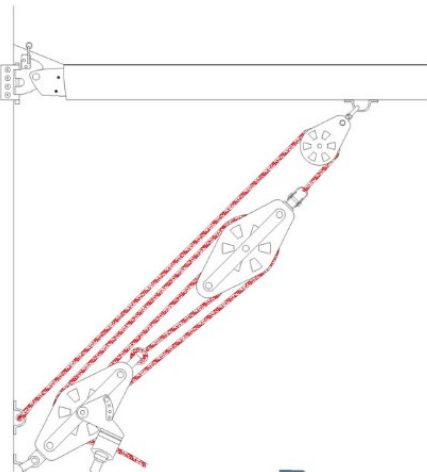
Kickers can be configured using Barton 'Standard' and 'Ball Bearing' blocks depending on your requirements. All these arrangements can be used in conjunction with a BoomStrutt.



4:1 Kicker with Fiddles

**4:1 Kickers are the most common in cruising yachts.**

4:1 Kicker	Max. 8mm Rope	Max. 10mm Rope	Max. 12mm Rope	Max. 14mm Rope
	(5/16")	(3/8")	(1/2")	(9/16")
Blocks Needed	N02641 & N02430 or (N12641 & N12430 Ball Bearing)	N05641 & N05430 or (N15641 & N15430 Ball Bearing)	N06641 & N06430 Or (N16641 & N16430 Ball Bearing)	N07641 & N07430 Or (N17641 & N17430 Ball Bearing)
Suggested Boat Size	8m (26')	11m (36')	12m (40')	14m (46')



8:1 Cascade Kicker

**8:1 Cascade Kickers are the most common where you want increased vang tension.**

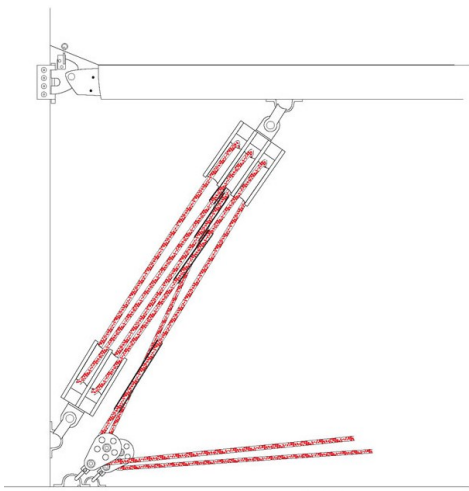
8:1	Max. 8mm Rope	Max. 10mm Rope	Max. 12mm Rope	Max. 14mm Rope
	(5/16")	(3/8")	(1/2")	(9/16")
Blocks Needed	N02641, N02130 & N02430 Or (N12641, N12130 & N12430 Ball Bearing)	N05641, N05130 & N05430 Or (N15641, N15130 & N15430 Ball Bearing)	N06641, N06130 & N06430 Or (N16641, N16130 & N16430 Ball Bearing)	N07641, N07130 & N07430 Or (N17641, N17130 & N17430 Ball Bearing)
Suggested Boat Size	8m (26')	11m (36')	12m (40')	14m (46')



16:1 Cascade Kicker

**16:1 Cascade Kickers are the most common in racing vessels where you want increased vang and fine control tension.**


16:1	Max. 8mm Rope	Max. 10mm Rope	Max. 12mm Rope	Max. 14mm Rope
	(5/16")	(3/8")	(1/2")	(9/16")
Blocks Needed	N02641, N02130 x 2 & N02430 or (N12641, N12130 x 2 & N12430 Ball Bearing)	N05641, N05130 x 2 & N05430 or (N15641, N15130 x 2 & N15430 Ball Bearing)	N06641, N06130 x 2 & N06430 Or (N16641, N16130 x 2 & N16430 Ball Bearing)	N07641, N07130 x 2 & N07430 Or (N17641, N17130 x 2 & N17430 Ball Bearing)
Suggested Boat Size	8m (26')	11m (36')	12m (40')	14m (46')



16:1 Kicker led aft with 2 working tails

This 16:1 arrangement is ideal if you want to be able to adjust the kicker from 2 points on your boat. Normally used on dinghies where the crew want to remain outboard to balance the boat. It can be configured with one working end as well.

16:1 Led Aft	Max. 8mm Rope	Max. 10mm Rope	Max. 12mm Rope	Max. 14mm Rope
	(5/16")	(3/8")	(1/2")	(9/16")
Blocks Needed	N02230, N02130 x 2 & N02330 Or (N12230, N12130 x 2 & N12330 Ball Bearing)	N05230, N05130 x 2 & N05330 Or (N15230, N15130 x 2 & N15330 Ball Bearing)	N06230, N06130 x 2 & N06330 Or (N16230, N16130 x 2 & N16330 Ball Bearing)	N07230, N07130 x 2 & N07330 Or (N17230, N17130 x 2 & N17330 Ball Bearing)
Suggested Boat Size	8m (26')	11m (36')	12m (40')	14m (46')

Kicker blocks		6m (20ft)	7m (23ft)	8m (26ft)	8.5m (28ft)	11m (36ft)	11.5m (38ft)	13 m (43ft)	14m (46ft)
Boat size									
Size 0 - 20mm sheave (3/4")		█							
Size 1 - 30mm sheave (1 3/16")		█	█						
Size 2 - 5mm sheave (1 3/8")			█	█					
Size 3 - 45mm sheave (1 3/4")				█	█				
Size 4/5 - 58mm sheave (2 1/8")					█	█			
Size 6 - 64mm sheave (2 1/2")							█	█	
Size 7 - 70mm sheave (2 13/16")									█