

Synchro Blocks – Features

Lewmar synchro block are engineered for speed, efficiency and superior handling. We use a combination of scientifically optimised block geometry, a Free-Spin bearing and self-aligning head to reduce friction and increase efficiency by up to 40% over budget blocks on mainsheet systems.

Each component is perfectly synchronised with the movement of the rope, providing you with an easier, smoother transfer of power from deck to sail and less wear on your rope.

Features

- Stainless steel strap for improved strength and longer service life
- Stiff glass fibre reinforced cheeks to prevent lines from wedging
- Innovative design with "tool-free" sliding swivel locking mechanism



- A** Easy to use shackle post lock
- B** Shackle post – Fits travellers
- C** Lock mechanism – Enables 30° float

- D** Larger sheave diameter – Minimises rope friction
- E** High density free-spin bearing – Reduces axle diameter for superior efficiency

Applications

Plain bearing blocks are typically used for heavy and static loads in:

- Halyard tuning
- Mainsheet systems
- Mast foot blocks
- Mast head blocks
- Boom vang

Practical switch from swivelling to fixed shackle



Synchro Blocks – Selection Guide

Winch Selection Guide

APPLICATION	SYNCHRO SIZE mm	BOAT LENGTH OVERALL							
		m	7.3	8.5	10.3	11.5	13.4	14.6	
		ft	24	28	34	38	44	48	
Main sheet Blocks End Boom	50								
	60								
	72								
	90								
Main sheet Blocks Mid Boom	50								
	60								
	72								
	90								
	105								
Main & Genoa Halyard Block & Padeye at Mast Base	60								
	72								
	90								
	105								
Spinnaker Mast Top Block	50								
	60								
	72								
	90								
	105								
Spinnaker Sheet Blocks	50								
	60								
	72								
	90								
	105								
Spinnaker Guy Blocks	50								
	60								
	72								
	90								
	105								
Spinnaker Downhaul	50								
	60								
	72								
	90								
Boom Vangs	50								
	60								
	72								
	90								
Backstay Tensioners	50								
	60								
	72								

Lighter shading represents the upper limit of model. If in doubt, move up a model.

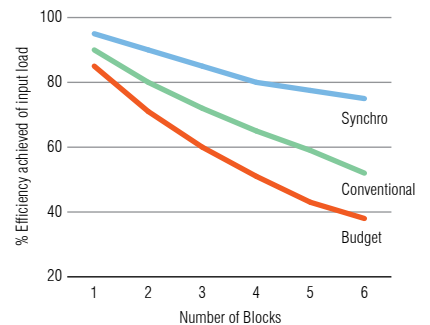
Head can be positioned for use in line or at 90 degrees – or left to rotate freely when in unlocked position. When locked allows 30° “float” on shackle post to improve alignment of block.



Higher efficiency – for faster sail handling and less rope wear.

Independent tests show Synchro blocks offer increased efficiency over conventional designs. Calculations over a 6-block mainsheet system, indicated Synchro blocks can deliver up to 40% greater efficiency than budget products – resulting in better responsiveness and improved sailing performance.

Efficiency improvements in multi block systems



Synchro Blocks 50 and 60mm

General Information

	50MM BLOCKS	60MM BLOCKS
Post Diameter	7.9mm (5/16")	9.4mm (3/8")
Shackle Pin Diameter	4mm (5/32")	5mm (9/64")
Fit Traveller Upstand	-	Size 1 NTR
Fit Block Upstand	29904050 (see p.136)	19811000 (see p.136)
Fit Snap Shackle	29925040 (see p.135)	29926040 (see p.135)
Use Cleat	29104100 (see p.160)	29104110 (see p.160)
Optium Line Size	6mm (1/4")	8mm (5/16")
Max Line Size	10mm (3/8")	10mm (3/8")



Single

Part No	SIZE	WORKING LOAD LIMIT		WEIGHT	
		Kg	lb	g	oz
29925001BK	50	450	990	67	2.36
29926001BK	60	800	1760	115	4.06

Double

Part No	SIZE	WORKING LOAD LIMIT		WEIGHT	
		Kg	lb	g	oz
29925002BK	50	450	990	142	5.01
29926002BK	60	800	1760	251	8.84

Triple

Part No	SIZE	WORKING LOAD LIMIT		WEIGHT	
		Kg	lb	g	oz
29925003BK	50	450	990	226	7.96
29926003BK	60	800	1760	371	13.06



Single & Becket

Part No	SIZE	WORKING LOAD LIMIT		WEIGHT	
		Kg	lb	g	oz
29925004BK	50	450	990	81	2.85
29926004BK	60	800	1760	127	4.48

Double & Becket

Part No	SIZE	WORKING LOAD LIMIT		WEIGHT	
		Kg	lb	g	oz
29925005BK	50	450	990	164	5.77
29926005BK	60	800	1760	261	9.19

Single, Becket & Cam

Part No	SIZE	WORKING LOAD LIMIT		WEIGHT	
		Kg	lb	g	oz
29925009BK	50	450	990	123	4.30

Also available in grey (remove BK)

Synchro Blocks 72 and 90mm

General Information

	72MM BLOCKS	90MM BLOCKS
Post Diameter	7.9mm (5/16")	9.4mm (3/8")
Shackle Pin Diameter	4mm (5/32")	5mm (9/16")
Fit Traveller Upstand	-	Size 1 NTR
Fit Block Upstand	29904050 (see p.136)	19811000 (see p.136)
Fit Snap Shackle	29925040 (see p.135)	29926040 (see p.135)
Use Cleat	29104100 (see p.160)	29104110 (see p.160)
Optimum Line Size	10mm (3/8")	12mm (1/2")
Max Line Size	12mm (1/2")	14mm (9/16")



Single

Part No	SIZE	WORKING LOAD LIMIT		WEIGHT	
		Kg	lb	g	oz
29927201BK	72	1100	2420	190	6.69
29929001BK	90	2000	4400	413	14.57

Double

Part No	SIZE	WORKING LOAD LIMIT		WEIGHT	
		Kg	lb	g	oz
29927202BK	72	1100	2420	406	14.29
29929002BK	90	2000	4400	966	34.00

Triple

Part No	SIZE	WORKING LOAD LIMIT		WEIGHT	
		Kg	lb	g	oz
29927203BK	72	1100	2420	618	21.75
29929003BK	90	2000	4400	1389	48.89



Single & Becket

Part No	SIZE	WORKING LOAD LIMIT		WEIGHT	
		Kg	lb	g	oz
29927204BK	72	1100	2420	210	7.41
29929004BK	90	2000	4400	458	16.15

Double & Becket

Part No	SIZE	WORKING LOAD LIMIT		WEIGHT	
		Kg	lb	g	oz
29927205BK	72	1100	2420	415	14.61

Triple & Becket & Cam

Part No	SIZE	WORKING LOAD LIMIT		WEIGHT	
		Kg	lb	g	oz
29927204BK	72	1100	2420	820	28.86

Also available in grey (remove BK)