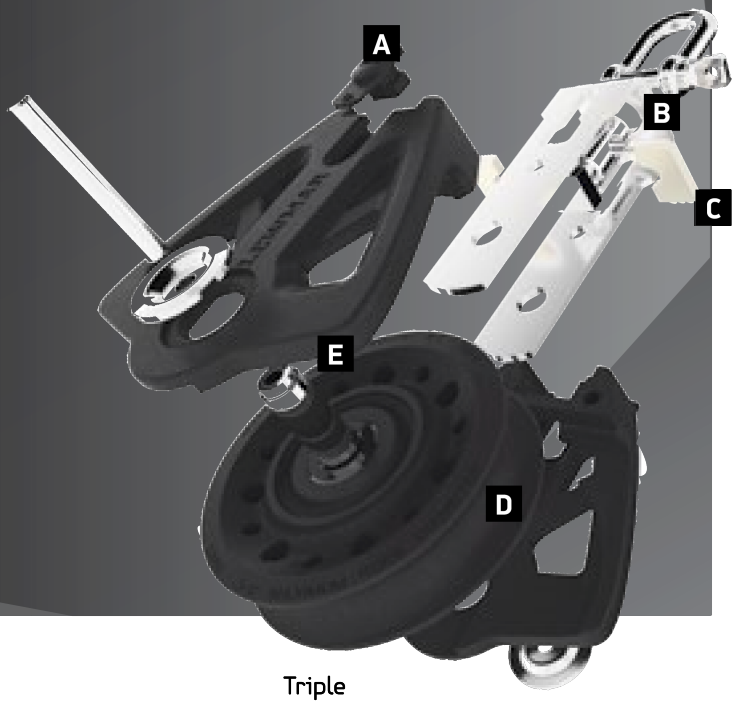
Applications

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

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



A

B

C

D Large sheave diameter - Minimises rope friction

E High density free-spin bearing - Maximises axle diameter for superior efficiency

Single

PART NO	SHEAVE Ø	WORKING LOAD LIMIT		WEIGHT	
		Kg	lb	g	oz
29925001BK	50	450	990	67	2.36
29926001BK	60	800	1760	115	4.06
29927201BK	72	1100	2420	190	6.69
29929001BK	90	2000	4400	413	14.57

Double

PART NO	SHEAVE Ø	WORKING LOAD LIMIT		WEIGHT	
		Kg	lb	g	oz
29925002BK	50	450	990	142	5.01
29926002BK	60	800	1760	251	8.84
29927202BK	72	1100	2420	406	14.29
29929002BK	90	2000	4400	966	34.00

Triple

PART NO	SHEAVE Ø	WORKING LOAD LIMIT		WEIGHT	
		Kg	lb	g	oz
29925003BK	50	450	990	226	7.96
29926003BK	60	800	1760	371	13.06
29927203BK	72	1100	2420	618	21.75
29929003BK	90	2000	4400	1389	48.89

Synchro Blocks

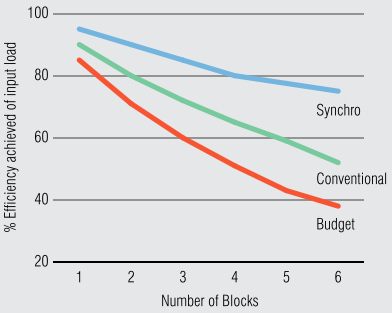
Head Design

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.

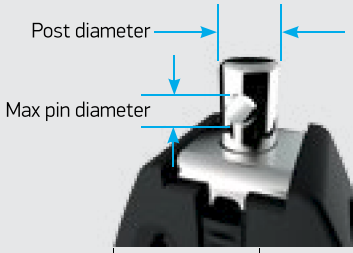
Higher efficiency – for faster sail handling and less rope wear.

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



Shackle Post Dimensions



	POST DIAMETER		TO FIT MAX PIN Ø	
	mm	in	mm	in
50mm Synchro	7.9	5/16	4	5/32
60mm Synchro	9.4	3/8	5	3/16
72mm Synchro	11.9	15/32	6	1/4
90mm Synchro	16.5	21/32	9.8	3/8

Suitable Block Upstands

Spring upstand
29904050 fits 50mm Synchro

Rubber boot upstand kit
29195065 fits 60mm Synchro
29196065 fits 72mm Synchro
29197265 fits 90mm Synchro

For information about block upstand refer to p.151

Suitable Traveller Upstand

	FIT TRAVELLER UPSTAND
50mm Synchro	
60mm Synchro	Size 1 NTR
72mm Synchro	Size 1 HTX/ Size 2 NTR
90mm Synchro	Size 2 HTX/ Size 3 NTR

Suitable Snap Shackles

	FIT SNAP SHACKLE
50mm Synchro	**29925040**
60mm Synchro	**29926040**
72mm Synchro	**29927240**
90mm Synchro	**29929040**

For more info refer to page 151

Cleat Used

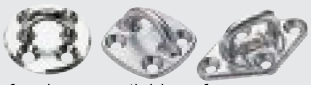
	USE CLEAT	WORKING LOAD LIMIT	
		kg	lb
50mm Synchro	**29104100BK**	120	264
60mm Synchro	**29104110BK**	180	396
72mm Synchro	**29104110BK**	180	396
90mm Synchro			

For more info refer to page 180

Line Size

	OPTIMUM LINE SIZE		MAX LINE SIZE	
	mm	in	mm	in
50mm Synchro	6	1/4	10	3/8
60mm Synchro	8	5/16	10	3/8
72mm Synchro	10	3/8	12	1/2
90mm Synchro	12	1/2	14	9/16

Pad Eyes



Wide range of pad eyes available, refer to page 152 for more information

Single & Becket

PART NO	SHEAVE Ø	WORKING LOAD LIMIT		WEIGHT	
		Kg	lb	g	oz
29925004BK	50	450	990	81	2.85
29926004BK	60	800	1760	127	4.48
29927204BK	72	1100	2420	210	7.41
29929004BK	90	2000	4400	458	16.15

Double & Becket

PART NO	SHEAVE Ø	WORKING LOAD LIMIT		WEIGHT	
		Kg	lb	g	oz
29925005BK	50	450	990	164	5.77
29926005BK	60	800	1760	261	9.19
29927205BK	72	1100	2420	415	14.61

Single Becket & Cam

PART NO	SHEAVE Ø	WORKING LOAD LIMIT		WEIGHT	
		Kg	lb	g	oz
29925009BK	50	450	990	123	4.30

* Block WLL, cleat WLL 120kg

Triple, Becket & Cam

PART NO	SHEAVE Ø	WORKING LOAD LIMIT *		WEIGHT	
		Kg	lb	g	oz
29925010BK	50	450	990	282	9.93
29926010BK	60	800	1760	261	9.19
29927210BK	72	1100	2420	820	28.86

* Block WLL, cleat WLLs shown p.136

Single Fiddle

PART NO	SHEAVE Ø	WORKING LOAD LIMIT		WEIGHT	
		Kg	lb	g	oz
29925031BK	50	450	990	94	3.31
29926031BK	60	800	1760	156	5.50
29927231BK	72	1100	2420	250	8.80
29929031BK	90	2000	4400	544	19.19

Single Fiddle & Becket

PART NO	SHEAVE Ø	WORKING LOAD LIMIT		WEIGHT	
		Kg	lb	g	oz
29925034BK	50	450	990	98	3.45
29926034BK	60	800	1760	166	5.85
29927234BK	72	1100	2420	275	9.70
29929034BK	90	2000	4400	589	20.77

Single Fiddle & Cam

PART NO	SHEAVE Ø	WORKING LOAD LIMIT*		WEIGHT	
		Kg	lb	g	oz
29925037BK	50	450	990	139	4.89
29926037BK	60	800	1760	221	7.78
29927237BK	72	1100	2420	339	11.93

* Block WLL, cleat WLL shown p.136

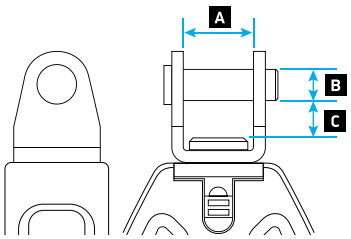
Single Fiddle, Becket & Cam

PART NO	SHEAVE Ø	WORKING LOAD LIMIT*		WEIGHT	
		Kg	lb	g	oz
29925039BK	50	450	990	145	5.10
29926039BK	60	800	1760	234	8.24
29927239BK	72	1100	2420	356	12.53
29929039BK	90	2000	4400	879	27.12

* Block WLL, cleat WLL shown p.136

Halyard Block

The toggle head of the halyard blocks is designed to fit on the studs commonly found at mast bases – check the diameter of the stud against the width of the block jaws (A) and pin diameter (B)



PART NO	SHEAVE DIAMETER	WORKING LOAD LIMIT		WEIGHT		HEAD DETAILS A WIDTH		B PIN		C SPACE TO PIN	
	mm	Kg	lb	g	oz	mm	in	mm	in	mm	in
29925021BK	50	450	990	73	2.57	13	1/2	5	3/16	8.2	5/16
29926021BK	60	800	1760	122	4.29	15	37/64	6	7/32	6.9	9/32
29927221BK	72	1100	2420	198	6.98	18	45/64	8	5/16	9.6	3/8
29929021BK	90	2000	4400	414	14.57	23	29/32	10	25/64	13.9	17/32