

High-Load Sheaves

High-load sheaves are offered as replacement parts or for use in special applications. Their bearing system combines sload-carrying balls with a Teflon® composite bushing to carry radial loads. While not as free-rolling as the standard Harken® ball/roller bearing system, this compact bearing system is extremely durable and perfect for carrying high loads in a restricted diameter.

Installation requires clamping or securing inner race.

Use for:

- Masts
- Booms
- Deck organizers
- Through-the-transom running backstays



Part No	Sheave Ø		Width		Weight		Center pin Ø		Max Ø		Wire		Safe working load		Breaking strength*	
	in	mm	in	mm	oz	g	in	mm	in	mm	in	mm	lb	kg	lb	kg
712	4	102	1/8	22	10	284	11/16	17.60	1/2	12	5/16	8	12000	5443	32000	14515
714	5	127	1	25	17	481	7/8	22.28	5/8	16	5/16	8	15000	6804	51000	23133
716	6	152	1	25	23	652	7/8	22.28	5/8	16	3/8	10	18000	8165	51000	23133
727	2 1/4	57	7/8	22	4	113	3/8	10.00	1/2	12	5/16	8	4950	2245	9900	4491
754	3	76	7/8	22	5	142	1/2	12.70	1/2	12	5/16	8	7000	3175	16500	7484
1734	8	203	1 3/8	35	46	1300	1 1/4	31.70	7/8	22	1/2	12	37000	16783	100000	45360

*Based on use of solid 304 stainless shafts

Narrow Halyard & Steering Sheaves

Narrow high load sheaves in mastheads improve sail handling, speed sail changes, and allow the use of smaller, lighter halyard winches. Used in steering systems, these sheaves return “feel” to wheel-steered boats.

Sheaves combine sload-carrying balls with a Teflon® composite bushing for radial loads. These durable sheaves are made of 6061-T6 aluminum and are well suited to masthead and steering installations.

Installation requires clamping or securing inner race.

Use for:

- Masthead/halyard sheaves
- Steering systems



Part No.	Sheave Ø		Width		Weight		Center pin Ø		Max Ø		Wire		Safe working load		Breaking strength*	
	in	mm	in	mm	oz	g	in	mm	in	mm	in	mm	lb	kg	lb	kg
691	3	76	5/8	16	4 1/2	128	1/2	12.70	3/8	10	3/16	5	4000	1814	16500	7484
692	4	102	3/4	19	8	227	1/2	12.70	7/16	12	5/16	8	8250	3742	16500	7484
693	5	127	3/4	19	12	340	3/4	19.10	7/16	12	5/16	8	12000	5443	37100	16828
694	6	152	7/8	22	19	539	3/4	19.10	1/2	12	3/8	10	16000	7258	37100	16828
695	7	178	1	25	27	765	1	25.42	9/16	14	7/16	12	21000	9526	66000	29937

*Based on use of solid 304 stainless shafts