

Shackles

Shackles are used in lifting and static systems as removable links to connect wire rope, chain and other fittings. Screw pin shackles are mainly used for non-permanent applications. Bolt-type shackles are preferably used for long term or permanent applications and in circumstances where the pin of the shackle may rotate during loading. Chain shackles are used mainly on one-leg systems, and anchor shackles on multi-leg systems.



- Material: Body and pin high tensile steel, quenched and tempered.
- Safety factor: 6 times WLL (Working Load Limit) = minimum breaking strength.
- Finished: Galvanized.
- Standard: Meets performance requirement of U.S. Federal Specification RR-C-271.

We supply anchor shackle ("Bow" type) with screw collar pin or bolttype, and safety chain shackle ("Dee" type) with screw collar pin or bolt type.

Shackles in use should be subject to thorough examination by a competent person at least every six months.

Finished shackles may not be heat-treated because this may affect the WLL and the material structure. Avoid applications where due to movement the shackle pin can rotate and possibly be unscrewed.

WLL	Ø Bow	Ø pin	Inside width shackles		Inside length shackles		Width of bow	Approx. weight / shackle			
			Bow	Dee	Bow	Dee		Bow		Dee	
tons	mm	mm	mm	mm	mm	mm	mm	Screw pin	Safety pin	Screw pin	Safety pin
4,75	19	22	32	31	76	59	51	1,01	1,18	0,87	1,08
6,5	22	25	36,5	36	83	73	58	1,50	1,77	1,34	1,66
8,5	25	28	43	43	95	85	68	2,21	2,58	2,08	2,46
9,5	28	32	46	47	108	90	75	3,16	3,66	2,77	3,40
12	32	35	51,5	51	115	94	83	4,31	4,91	3,72	4,51
13,5	35	38	57	57	133	115	92	5,55	6,54	5,14	6,10
17	38	42	60	60	146	127	99	7,43	8,19	6,85	7,63
25	45	50	73	74	178	149	126	12,84	14,22	11,45	13,25

Anchors

Anchors:

The anchor is the symbol of the hope. Various anchor types are available (Plough, Delta flipper, Danforth, etc.). Please specify your needs and we will make an offer.



Various anchor types are available.

Chains, cables:

Various types can be delivered such as, galvanized steel chain, alloy steel chain, short link chain, long link chain, high grade alloy steel chain, etc. Please specify your needs and we will make an offer.



Various cables and chains types are available.