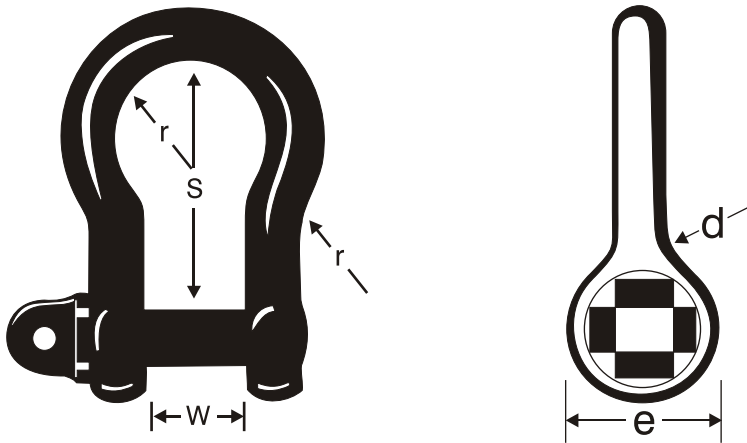


Bow Shackles



JAW INSIDE WIDTH W	INSIDE LENGTH S=2.5 W	BOW DIA 2r=1.7 W	BODY MATERIAL DIA d	PIN DIA D min	EYE OUTSIDE DIA e min	SAFE WORKING LOAD TONNES		
						GRADE 30	GRADE 40	GRADE 63
18	45	31	10	12	24	-	-	1.0
20	50	34	12	14	28	-	1.0	1.25
22	55	37	14	16	32	1.0	1.25	1.6
25	63	42	16	19	38	1.25	1.6	2.0
28	70	48	18	20	40	1.6	2.0	2.5
32	80	54	20	22	44	2.0	2.5	3.2
36	90	61	22	25	52	2.5	3.2	4.0
40	100	68	25	28	56	3.2	4.0	5.0
45	110	76	28	32	62	4.0	5.0	6.3
50	125	85	32	35	70	5.0	6.3	8.0
56	140	95	36	40	78	6.3	8.0	10
63	155	105	40	44	88	8.0	10	12.5
70	175	120	45	50	100	10.0	12.5	16
80	200	135	50	55	110	12.5	16	20
90	225	155	58	62	124	16	20	25
100	250	170	63	70	138	20	25	32
107	270	180	70	75	154	25	32	40
117	295	200	75	82	164	32	40	45
130	325	220	85	90	182	40	45	63
140	350	240	88	98	196	50	63	80
155	390	265	95	110	220	63	80	-

Note : The pin diameters actually used may be based on any standard series for sizes of bar material provided that the intervals between adjacent sizes do not exceed the R20 Interval (1.12) The next size above the minimum pin diameter, D min as given in the above table should be used. The Nominal diameter D used is then subject to the tolerances specified in 5.2 of IS:6132 (Part I). 1971 The eye outside diameter then becomes twice the nominal Pin Diameter D subject to the tolerances in 5.2 of IS:6132 (Part II) - 1971.

Specification for Shackles : Part I General Requirement for grade 30, 40, and 63 only.

Shackles of Grade 30, 40, 63 confirm to I.S.I specification 6132

Specifications given are indicative and are subject to change.