

## Chain D-Shackles & Anchor Bow Shackles

### Chain D-Shackles

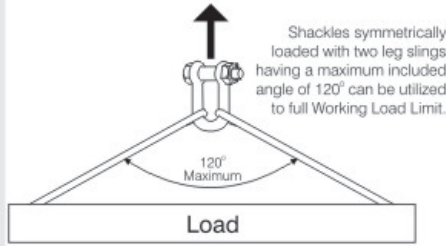
- Working Load Limit permanently shown on every shackle
- Forged - Quenched and Tempered, with alloy pins
- Capacities 0.5 ton to 55 tons
- Look for the Blue Pin, the mark of genuine SL quality
- Shackles can be furnished proof tested with certificates to designated standards, such as ABS, DNV, Lloyds, or other certification. Charges for proof testing and certification available when requested at the time of order
- Shackles are galvanized or black
- Made from En8 & Pin-En19



**SCREW PIN  
CHAIN D-SHACKLE**

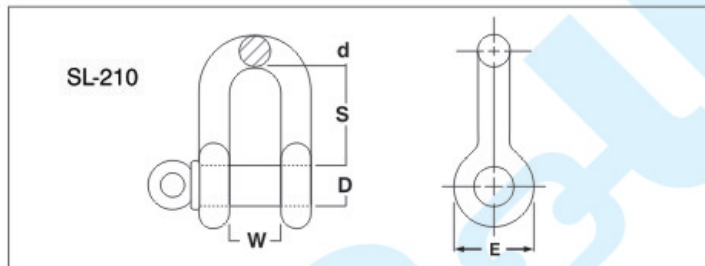
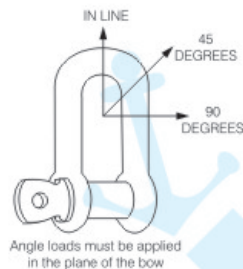
SL-210

Screw pin chain shackles meet the requirements of Federal Specification



Never exceed 120° included angle.  
Use Bolt Type and Screw Pin Shackles ONLY

Side Loading reduction Chart For Screw Pin & Bolt Type Shackles Only	
Angle of Side load from vertical in line of shackle	Adjusted WLL
0° In Line	100% of Rated WLL
45° From In Line	70% of Rated WLL
90° From In Line	50% of Rated WLL



Working Load Limit Tonnes ISS	BODY DIA mm d	PIN DIA mm D	Jaw Inside Width (mm) W	Inside Length (mm) S	Eye Outside Dia (mm) e	Average weight with Nut Bolt Type Pin (Kg)
0.5	6.4	7.9	11.9	22.4	15.5	0.1
0.75	7.9	9.7	13.5	33.0	19.1	0.1
1.0	9.7	11.2	16.8	31.8	23.1	0.1
1.5	11.2	12.7	19.1	36.6	26.9	0.2
2.0	12.7	16.0	20.6	41.4	30.2	0.3
3.25	16.0	19.1	26.9	51.0	38.1	0.6
4.75	19.1	22.4	31.8	60.5	46.0	1.0
6.5	22.4	25.4	36.6	71.5	53.0	1.4
8.5	25.4	28.7	42.9	81.0	60.5	2.2
9.5	28.7	31.8	46.0	91.0	68.5	3.1
12.0	31.8	35.1	51.5	100.0	76.0	4.1
13.5	35.1	38.1	57.0	111.0	84.0	5.3
17.0	38.1	44.5	60.5	122.0	92.0	7.2
25.0	44.5	51.0	73.0	146.0	106.0	12.1
35.0	51.0	57.0	82.5	171.0	122.0	19.2
55.0	66.5	70.0	105.0	203.0	145.0	32.6

\* Note : Maximum Proof Load is 2 times the Working Load Limit or as designated.  
Minimum Ultimate Load is 5 times the Working Load Limit.

Specifications given are indicative and are subject to change.

\* Note : Maximum Proof Load is 2 times the Working Load Limit. Minimum  
Ultimate Load is 5 times the Working Load Limit.  
Specifications given are indicative and are subject to change.

### Anchor Bow Shackles

- Working Load Limit permanently shown on every shackle
- Forged - Quenched and Tempered, with alloy pins
- Capacities 1 ton to 150 tons
- Shackles 55 tons and smaller can be furnished proof tested with certificates to designated standards, such as ABS, DNV, Lloyds, or other certification
- Material Certification (Chemical) must be requested at the time of order
- Made from En8 & Pin-En19



**NUT BOLT TYPE  
ANCHOR BOW SHACKLE**

SL-2130

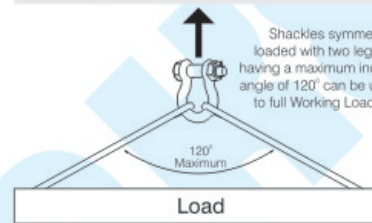
Bolt type anchor shackles with thin head bolt-nut with cotter pin. Meets the requirements of Federal Specification



**ROUND PIN  
ANCHOR BOW SHACKLE**

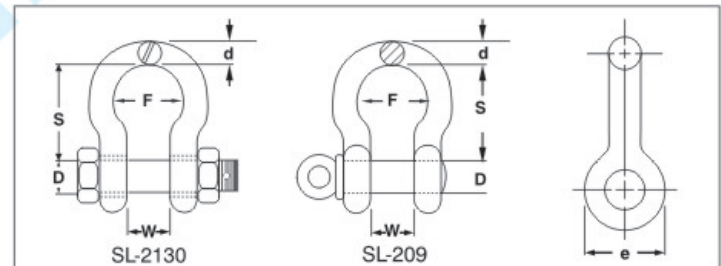
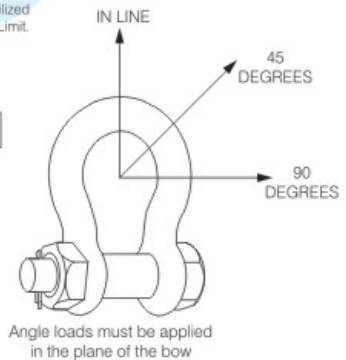
SL-209

Round pin anchor shackles meet the requirements of Federal Specification



Never exceed 120° included angle.  
Use Bolt Type and Screw Pin Shackles ONLY

Side Loading reduction Chart For Screw Pin & Bolt Type Shackles Only	
Angle of Side load from vertical in line of shackle	Adjusted WLL
0° In Line	100% of Rated WLL
45° From In Line	70% of Rated WLL
90° From In Line	50% of Rated WLL



Working Load Limit Tonnes ISS	BODY DIA mm d	PIN DIA mm D	Jaw Inside Width (mm) W	BOW DIA mm E	Inside Length (mm) S	Eye Outside Dia (mm) e	Average weight with Nut Bolt Type Pin Kg
0.33	4.8	6.4	9.7	15.2	22.3	14.2	0.0
0.5	6.4	7.9	11.9	19.8	28.7	15.5	0.1
0.75	7.9	9.7	13.5	21.3	30.9	19.1	0.1
1.0	9.7	11.2	16.8	26.1	36.5	23.1	0.1
1.5	11.2	12.7	19.1	28.7	42.9	26.9	0.2
2.0	12.7	16.0	20.6	33.3	47.7	30.2	0.3
3.25	16.0	19.1	26.9	42.9	60.5	38.1	0.6
4.75	19.1	22.4	31.8	51.0	71.0	46.0	1.0
6.5	22.4	25.4	36.6	58.0	84.0	53.0	1.5
8.5	25.4	28.7	42.9	68.5	95.0	60.5	2.4
9.5	28.7	31.8	46.0	74.0	108.0	68.5	3.1
12.0	31.8	35.1	51.5	82.5	119.0	76.0	4.3
13.5	35.1	38.1	57.0	92.0	133.0	85.0	6.0
17.0	38.1	41.4	60.5	98.5	146.0	92.0	7.8
25.0	44.5	51.0	73.0	127.0	178.0	106.0	13.8
35.0	51.0	57.0	82.5	150.0	197.0	122.0	20.4
55.0	66.5	70.0	105.0	184.0	267.0	145.0	38.9
85.0	76.0	82.5	127.0	200.0	330.0	165.0	70.0
120.0	92.0	95.0	133.0	229.0	372.0	203.0	120.0
150.0	104.0	108.0	140.0	254.0	368.0	229.0	153.0