

Bullivants

Shackles

Grade S



A shackle is used for interconnecting components in lifting, tensioning and staying systems. A shackle consists of a body, a removable pin and a locking device (where applicable).

Grade S Shackles generally comply with Australian Standard 2741 with approximately twice the working load limit of Grade M Shackles. All Bullivants shackles are destruction and proof load tested prior to sale in the Australian market.

Features & Benefits:

- Alloy Steel material is more compact and lightweight than Grade M shackles
- 6:1 Safety factor provides confidence in strength when used in the correct application
- Galvanised finish for corrosion resistance for longer life span
- Identification markings for traceability, manufacturers identification, grade of material, batch number and working load limit in accordance with AS2741 Australian Standards

Shackle Types:

Bow Shackles:

Can be used on either single or multi-leg applications. Screw pin closing method. Note: Screw pins need to be checked for tightness prior to each lift.

Dee Shackles:

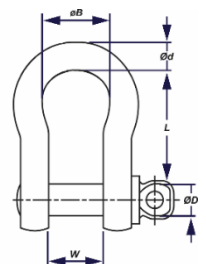
Only used for single leg applications – never multi leg as the body and pin may distort. Screw pin closing method. Note: Screw pins need to be checked for tightness prior to each lift.

Safety Pin Shackles:

Preferable for long term or permanent applications or where the load may slide on the pin causing rotation to the pin. Also used on equipment that may vibrate to ensure pin does not become dislodged. Available in Bow and Dee shackle body styles

Bow Screw Shackle Specifications:

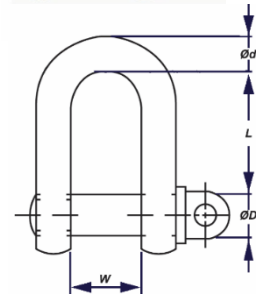
Bullivants Mfr No.	WLL tonne	ød mm	øD mm	W mm	øB mm	L mm	Weight kg
WSS-0003-SC-B	0.33	5	6	10	15	22	0.02
WSS-0005-SC-B	0.50	6	8	12	20	29	0.06
WSS-0007-SC-B	0.75	8	10	13	21	31	0.11
WSS-0010-SC-B	1.00	10	11	18	26	37	0.15
WSS-0015-SC-B	1.50	11	13	18	29	43	0.21
WSS-0020-SC-B	2.00	13	16	21	33	48	0.37
WSS-0032-SC-B	3.20	16	19	27	43	61	0.65
WSS-0047-SC-B	4.70	19	22	32	51	72	1.06
WSS-0065-SC-B	6.50	22	25	37	58	84	1.56
WSS-0085-SC-B	8.50	25	29	43	68	95	2.32
WSS-0095-SC-B	9.50	29	32	46	74	108	3.30
WSS-0120-SC-B	12.00	32	35	52	83	119	4.51
WSS-0135-SC-B	13.50	35	38	57	92	133	5.93
WSS-0170-SC-B	17.00	38	41	60	98	146	7.89
WSS-0250-SC-B	25.00	44	51	73	127	178	14.99
WSS-0350-SC-B	35.00	51	57	83	146	197	18.85
WSS-0550-SC-B	55.00	63	70	105	180	267	38.0





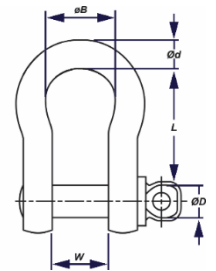
Dee Screw Shackle Specifications:

Bullivants Mfr No.	WLL tonne	Ød mm	ØD mm	L mm	W mm	Weight kg
WSS-0005-SC-D	0.50	6	8	22	12	0.06
WSS-0007-SC-D	0.75	8	10	26	13	0.11
WSS-0010-SC-D	1.00	10	11	32	18	0.15
WSS-0015-SC-D	1.50	11	13	37	18	0.21
WSS-0020-SC-D	2.00	13	16	41	21	0.37
WSS-0032-SC-D	3.20	16	19	51	27	0.65
WSS-0047-SC-D	4.70	19	22	60	32	1.06
WSS-0065-SC-D	6.50	22	25	71	37	1.56
WSS-0085-SC-D	8.50	25	29	81	43	2.32
WSS-0095-SC-D	9.50	29	32	90	46	3.30
WSS-0120-SC-D	12.00	32	35	100	52	4.51
WSS-0135-SC-D	13.50	35	38	113	57	5.93
WSS-0170-SC-D	17.00	38	41	124	60	7.89
WSS-0250-SC-D	25.00	44	51	146	73	14.99
WSS-0350-SC-D	35.00	51	57	171	83	16.86
WSS-0550-SC-D	55.00	63	70	203	105	32.65



Bow Safety Pin Shackle Specifications:

Bullivants Mfr No.	WLL tonne	Ød mm	ØD mm	L mm	W mm	Weight kg
WSS-0020-SA-B	2.00	13	16	48	21	0.44
WSS-0032-SA-B	3.25	16	19	61	27	0.79
WSS-0047-SA-B	4.75	19	22	72	32	1.06
WSS-0065-SA-B	6.50	22	25	84	37	1.88
WSS-0085-SA-B	8.50	25	29	95	43	2.78
WSS-0095-SA-B	9.50	29	32	108	46	3.87
WSS-0120-SA-B	12.00	32	35	119	52	5.26
WSS-0135-SA-B	13.50	35	38	133	57	6.94
WSS-0170-SA-B	17.00	38	41	146	60	8.79
WSS-0250-SA-B	25.00	44	51	178	73	14.99
WSS-0350-SA-B	35.00	51	57	197	83	20.65
WSS-0425-SA-B	42.50	57	63	222	95	29.10
WSS-0550-SA-B	55.00	63	70	267	105	41.05
WSS-0850-SA-B	85.00	76	83	330	127	66.50
WSS-1200-SA-B	120.00	89	95	381	146	110.00





What do the markings mean?

Identification markings for traceability, manufacturer's identification, size, grade of material, batch number and working load limit in accordance with AS2741 Australian Standards

