



PRODUCT DATA

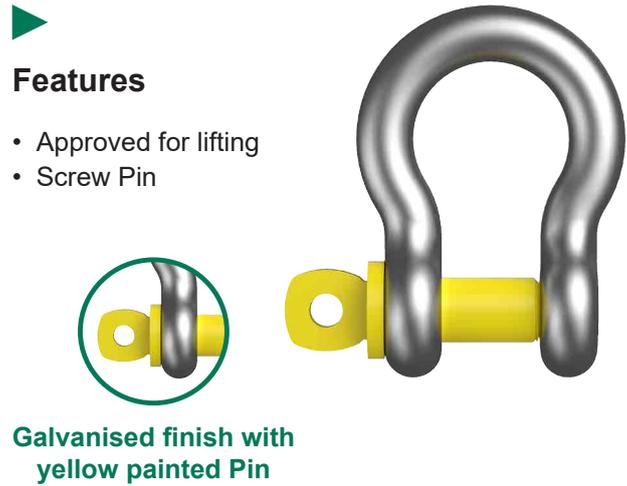
Lifting Bow Shackle Screw Pin

Screw pin bow shackles used for lifting, tensioning and staying systems. Manufactured and marked in accordance with AS 2741.

Applications	
<ul style="list-style-type: none"> Links in lifting systems Rigging connections Tension structures 	<ul style="list-style-type: none"> Multi sling connections Vehicle recovery and towing

Material	Grade S
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Finish	Hot Dip Galvanised
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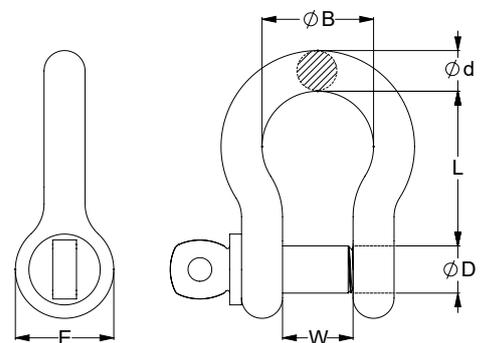


Features

- Approved for lifting
- Screw Pin

Galvanised finish with yellow painted Pin

Part	QFind	WLL (Tonne)	Dimensions					
			D (mm)	W (mm)	L (mm)	E (mm)	B (mm)	d (mm)
ULSHGSGBD-05	BDS5	0.33	6	10	22	14	15	5
ULSHGSGBD-06	BDS6	0.50	8	12	29	17	20	6
ULSHGSGBD-08	BDS8	0.75	10	13	31	21	21	8
ULSHGSGBD-10	BDS10	1.00	11	17	37	25	26	10
ULSHGSGBD-11	BDS11	1.50	13	18	43	27	29	11
ULSHGSGBD-13	BDS13	2.00	16	21	48	33	33	13
ULSHGSGBD-16	BDS16	3.20	19	27	61	40	43	16
ULSHGSGBD-19	BDS19	4.70	22	32	72	48	51	19
ULSHGSGBD-22	BDS22	6.50	25	37	84	54	58	22
ULSHGSGBD-25	BDS25	8.50	29	43	95	60	68	25
ULSHGSGBD-29	BDS29	9.50	32	46	108	67	74	29
ULSHGSGBD-32	BDS32	12.00	35	52	119	76	83	32
ULSHGSGBD-35	BDS35	13.50	38	57	133	84	92	35
ULSHGSGBD-38	BDS38	17.00	41	60	146	92	98	38
ULSHGSGBD-44	BDS44	25.00	51	73	178	110	127	44
ULSHGSGBD-51	BDS51	35.00	57	83	197	127	146	51
ULSHGSGBD-57	BDS57	42.50	63	95	222	143	160	57
ULSHGSGBD-63	BDS63	55.00	70	105	267	152	184	63



MARKINGS:

- CE (European Conformity)
- WLL (Working Load Limit)
- Trace Code (linked to certificate online)
- Grade
- Manufacturer's mark

You can download this Test Certificate and/or Report from our website:
hobson.com.au

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Lifting Bow Shackle Screw Pin

Correct Assembly Guide

When assembling the shackle, the following applies:

- Ensure that the correct pin is used. Pin should penetrate the full depth of the screwed eye and the collar shall sit on the surface of the drilled eye.
- Ensure pin is screwed securely into the shackle body.
- Check that the pin is seated against the shackle body. Visibly bent, overly tight fitting or misaligned shackles must be removed from service.
- Never replace a shackle pin with one of a different grade or size.
- Shackles permanently attached to a lifting device shall have their pins secured to prevent unintended release.

Figure B1: Avoiding unscrewing the pin with a choked wrapping.

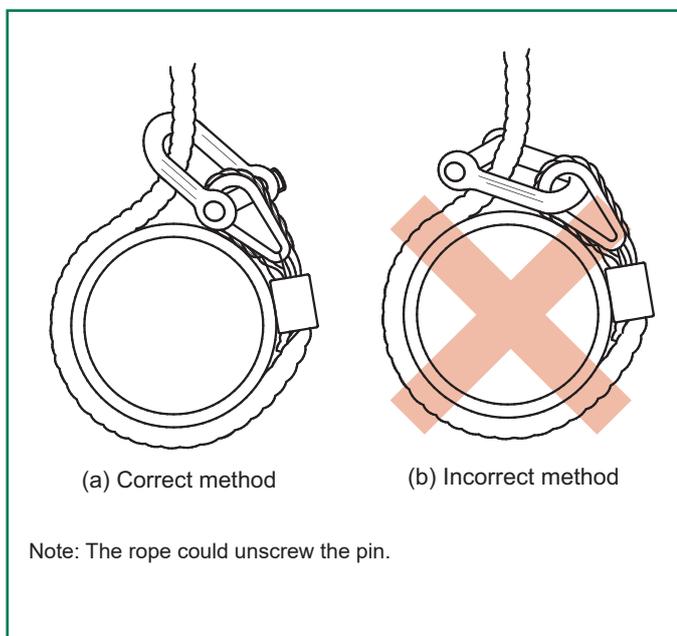
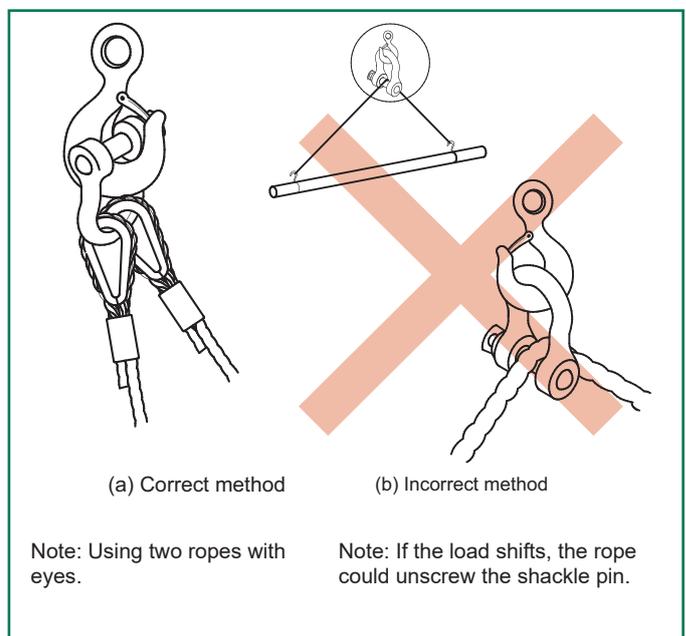


Figure B2: Avoiding unscrewing the pin by using two single-leg slings with eyes.



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Lifting Bow Shackle Screw Pin

Correct Usage Guide

When using the shackle, the following applies:

- A. Shackle shall be used within the temperature range of -10°C to 200°C.
- B. Avoid movements where the load can roll and unscrew the shackle pin.
- C. Loose spaced washers can be used on either end of the shackle pin to avoid eccentric loading. Do not weld spacers or washer to the shackle or pin do not bend shackle jaw (see Figure B3).
- D. Bow shackles used to connect two slings shall be assembled with slings in the shackle body and hooks engaged with the shackle pin. WLL should be reduced where the angle between slings exceeds 60°.
- E. Where shackles are used with multileg slings consideration should be given to the angle between legs of the sling.

Figure B3: Axial Loading.

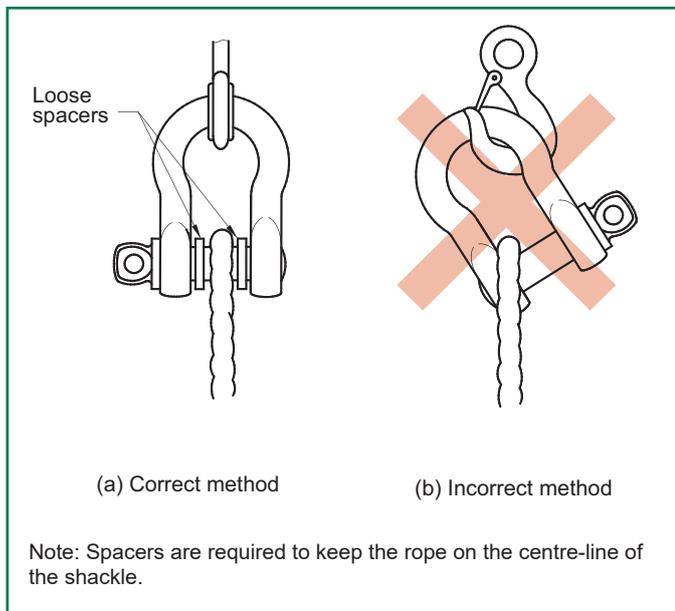
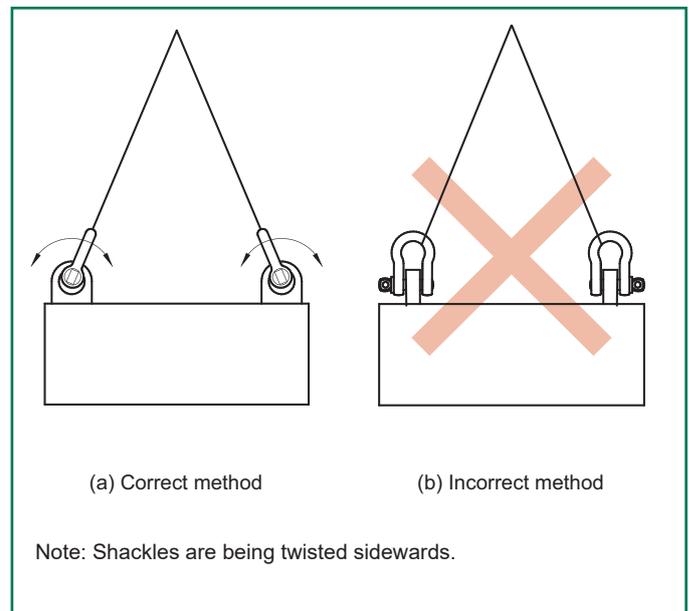


Figure B4: Typical use of shackles to sling a load.



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