Supplier:

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Description:

Modulift Spreader Beam - Inspection Guide

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End Unit and Drop Link Checks – METRIC COMPONENTS

Please use the table below along with fig.1 to check the dimensions are accurate to ±2mm.

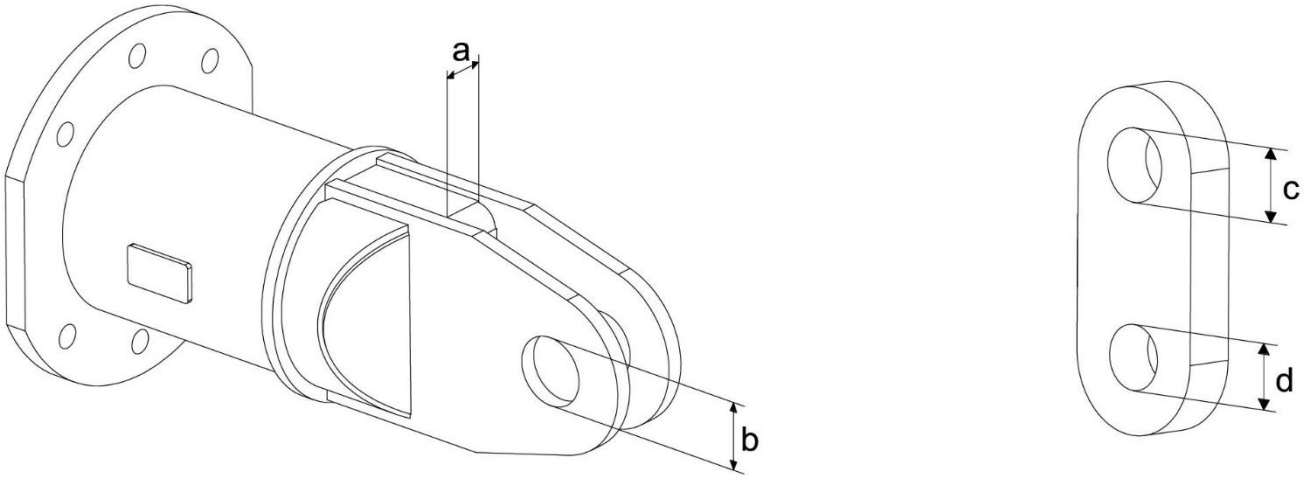


Fig.1

End Unit Mod Size	Dimension (mm)			
	a	**b**	**c**	**d**
Mod 6	14	24	24	21
Mod 12	20	31	31	28
Mod 24	30	45	45	38
Mod 34	40	55	55	46
Mod 50	50	62	62	55
Mod 70	56	75	75	62
Mod 70H	56	88	88	75
Mod 110	58	88	88	75
Mod 110H	58	100	100	88
Mod 110SH	68	112	113	100
Mod 250/250	68	110	110	85
Mod 250/300	68	110	110	100
Mod 250/400	68	139	139	110
Mod 400/400	85	139	139	110
Mod 400/500	85	139	139	125
Mod 400/600	85	165	165	139

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End Unit and Drop Link Checks – IMPERIAL COMPONENTS

Please use the table below along with fig.1 to check the dimensions are accurate to ±2mm (1/16”).

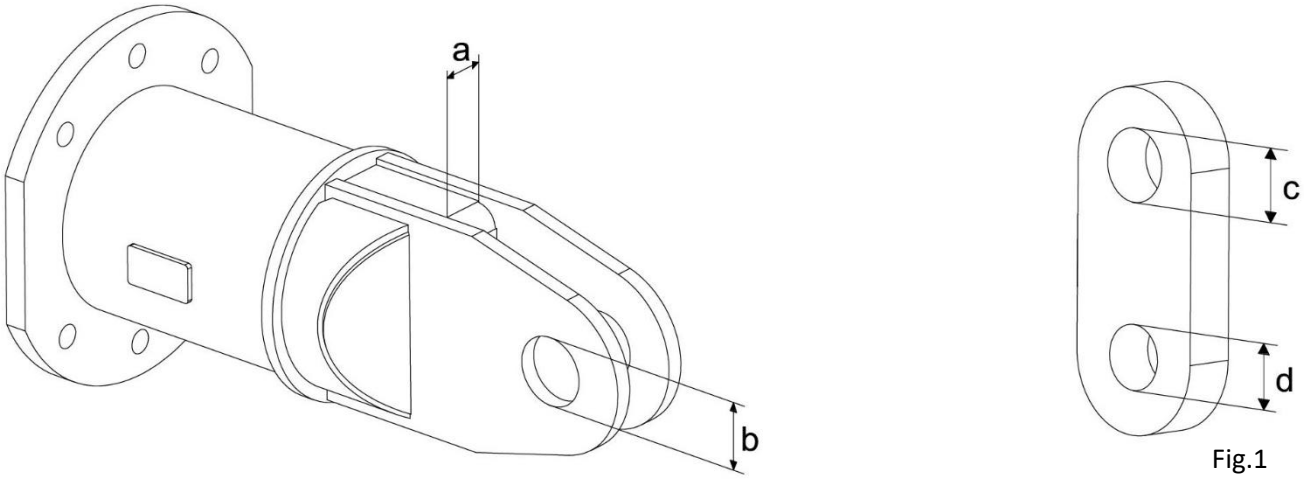
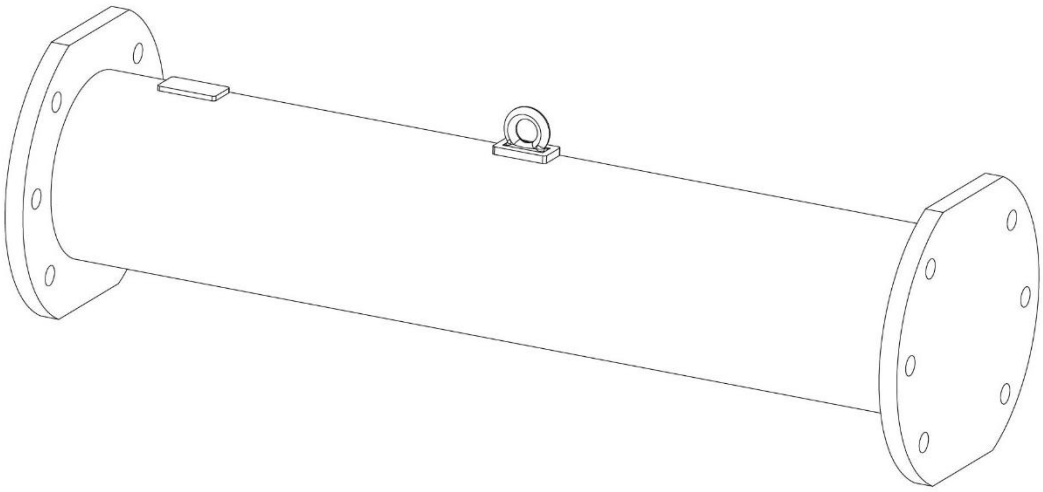


Fig.1

End Unit Mod Size	Dimension (mm / inches)			
	a	**b**	**c**	**d**
Mod 6	14 (0.55”)	24 (0.95”)	24 (0.95”)	21 (0.83”)
Mod 12	20 (0.79”)	31 (1.22”)	31 (1.22”)	28 (1.10”)
Mod 24	30 (1.18”)	45 (1.77”)	45 (1.77”)	38 (1.50”)
Mod 34	40 (1.57”)	55 (2.17”)	55 (2.17”)	46 (1.81”)
Mod 50	50 (1.97”)	62 (2.44”)	62 (2.44”)	55 (2.17”)
Mod 70	56 (2.20”)	75 (2.95”)	75 (2.95”)	62 (2.44”)
Mod 70H	56 (2.20”)	88 (3.46”)	88 (3.46”)	75 (2.95”)
Mod 110	58 (2.28”)	88 (3.46”)	88 (3.46”)	75 (2.95”)
Mod 110H	75 (2.95”)	100 (3.94”)	100 (3.94”)	88 (3.46”)
Mod 110SH	68 (2.68”)	112 (4.41”)	113 (4.45”)	100 (3.94”)
Mod 250/250	68 (2.68”)	110 (4.33”)	110 (4.33”)	85 (3.35”)
Mod 250/300	68 (2.68”)	110 (4.33”)	110 (4.33”)	100 (3.94”)
Mod 250/400	68 (2.68”)	139 (5.47”)	139 (5.47”)	110 (4.33”)
Mod 400/400	85 (3.35”)	139 (5.47”)	139 (5.47”)	110 (4.33”)
Mod 400/500	85 (3.35”)	139 (5.47”)	139 (5.47”)	125 (4.92”)
Mod 400/600	85 (3.35”)	165(6.50”)	165 (6.50”)	139 (5.47”)

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Other Checks



The following guidelines apply to both Struts, End Units and Drop Links.

Examinations are to be undertaken by competent personnel and to the requirements of Lifting Operations and Lifting Equipment Regulations 1998 (UK & Europe), ASME B30.20, or as per local region regulations.

- Check that existing certification is available.
- Check that serial number and data match the existing certification.
- Check the state of the data plate and markings, to ensure that they are legible.
- Check the general condition of the component.
- Check for any patent defects such as dents.
    - Contact Modulift if there are any dents exceeding 1mm (1/32”) in depth. Modulift will then advise on whether the component can stay in service.
- Check holes for wear, cracking and deformity.
    - Reject if deformity is visible to the eye.
- Check the struts for straightness by rolling the strut on a rolling bar, bearing on the tube.
    - Reject if not straight.
- Check end flanges, end unit side plates and drop links for deformity, using a straight edge or set square.
- Check welds for cracking.
- Check bolts for condition, specification and quantity.
- All rejected components must be quarantined.

If you have any queries or need advice regarding the condition of a Modulift component, then please contact us. Our contact details can be found on the back page.

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Modulift®

working between the hook and the load

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