

# Load Binders

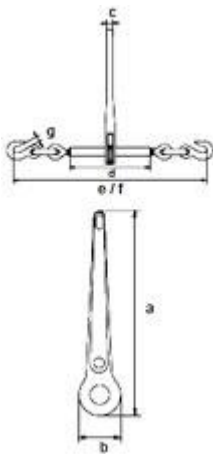
Lifting Equipment Ltd



## Ratchet Type Load Binders



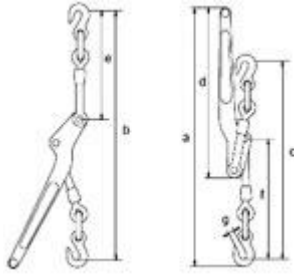
Our Ratchet Load Binders are supplied in three different sizes to suit your existing chains, manufactured from drop forged / cast steel with a safety factor MBL equals 3.5 times the working load limit, all painted red and certificate supplied.



Chain Size	Length Handle	Diameter thickness		Length Barrel	Length Open	Length Closed	Width	Take Up	Lashing Capacity	Proof Load	Minimum Breaking Load	Weight Each
	a	b	c	d	e	f	g					
	mm	mm	mm	mm	mm	mm	mm	mm	kg	kg	kg	kg
8-10	355	66	16	254	750	580	13	170	2450	4900	8620	4.82
10-13	355	66	16	254	770	600	16	170	4175	8350	14970	5.92
13-16	355	66	16	254	840	685	19	155	5900	11800	20865	7.85

## Lever Type Load Binders





Our Lever Type Load Binders are supplied in two sizes to suit your existing chains, manufactured from drop forged cast steel with a safety factor MBL that equal 3.5 times the working load limit, all painted red & supplied with a works certificate.

Chain Size	Length	Length Open	Length Closed	Handle Length	Length	Length	Width	Take-Up	Lashing Capacity	Proof Load	Minimum Breaking Load	Weight Each
	a	b	c	d	e	f	g					
	mm	mm	mm	mm	mm	mm	mm	mm	kg	kg	kg	kg
8-10	630	580	485	406	275	275	13	95	2450	4900	8620	2.81
10-13	715	662	548	475	320	310	15	114	4175	8350	14970	5.08

### Chains & Hooks To Use With Load Binders



We can supply chain & hooks in all sizes and lengths to suit our load binders, all supplied with works test certificate

### 3 Strand Rope



Multi- purpose three strand rope for non-critical applications, light & inexpensive, ideal for lashing & sheeting. Colour blue, available in 4, 6, 8, 10 and 12mm Diameter, supplied in cut lengths or 220M coils

### Guide / Instructions for use of Ratchet Lashings

- Always check the system for cuts & frays in webbing
- Always use protective sleeves or corner protectors to protect from sharp edges

- Always keep away from alkalis and strong acids
- Always position the lashing correctly in relation to the load
- Always have at least two complete turns of webbing on the ratchet buckle
- Always use lashings that are clearly marked with rated assembly strength & MBL
- Always ensure the lashing points are adequate strength
- Never use a damaged lashing
- Never tie knots in the webbing to shorten it or join it
- Never use a bar or lever to aid tightening the tensioner

## **Guide / Instructions for use for Load Binders**

Load binders should be inspected before use to ensure that:

- All markings are legible;
- Load binders are free from nicks, gouges and cracks;
- Load binders should never be used for lifting or hoisting applications;
- A load binder with the correct Lashing Capacity has been selected with respect to chain size and load to be lashed. For further details we refer to EN 12195-3, standard for Lashing Chains;
- The load binder should never be side-loaded, since load binders are suitable for in-line pull only;
- The load binder must be hooked to the chain in such a way that you can operate the load binder while standing on the ground;
- Never use a load binder while standing on the load;
- Always keep yourself out of the path of the moving handle;
- If the handle of the lever type load binder cannot reach the correct locked position, never use a cheater pipe. In that case a ratchet type load binder must be used.
- In the locked position of a lever type load binder the bottom side of the load binder should touch the chain link. In the position secure the handle to the chain using the loose end of the chain or a piece of rope or soft wire;
- Load binders may not be heat treated as this may affect their lashing capacity;
- Never repair or reshape a load binder by welding, heating or bending as this may affect the Lashing Capacity;
- If the handle of a lever type load binder is released by hand, make sure you use an open hand under the handle and push upward. Do not close your hand around the handle. Move the handle with caution since it may whip as it comes free. Keep your body away from the moving handle.

It is required that the products are regularly inspected and that the inspection should take place in accordance with the safety standards given in the country of use. This is required because the products in use may be affected by wear, misuse, overloading, etc. With a consequence of deformation and alteration of the material structure. Inspection should take place at least every six months and even more frequently when the load binders are used in severe operating conditions. Regularly lubricate moving parts of a load binder to extend product life and reduce wear.

## **Guide / Instructions of use for Chains**

Chains should be inspected before use to ensure that:

- Chain is free from nicks, gouges and cracks;
- Chain may not be heat treated as this may affect the Minimum Breaking Load;
- Mild steel long and short link chain may not be used for lifting purposes;
- Chain is used for in-line pull only;
- Never repair or reshape a chain by welding, heating or bending as this may affect the Minimum Breaking Load

It is required that the products are regularly inspected and that the inspection should take place in accordance with the safety standards given in the country of use. This is required because the products in use may be affected by wear, misuse, etc. With a consequence of deformation and alteration of the material structure. Inspection should take place at least every six months and even more frequently when the chain is used in severe operating conditions

**CALL US FOR MORE INFORMATION**

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