

From:	Product Management	Date:	28-05-2014
For:	Sales	Ref:	PI-03-04 EN
Article:	EXCEL <sup>®</sup> Chain shortening clutch (U)GC(V)	Revision:	0
Subject:	Instructions for use - EXCEL <sup>®</sup> Chain shortening clutch (U)GC(V)		
Note:	Main dimensions, general info and warnings can be found in our latest catalogue.		



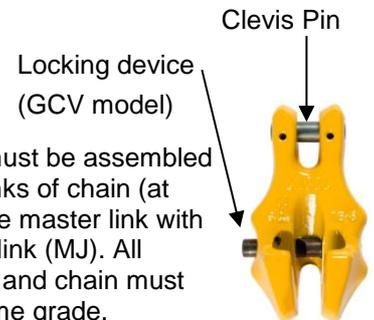
**EXCEL<sup>®</sup> Chain shortening clutch**

- Material : alloy steel, quenched and tempered
- Safety Factor : MBL equals 4 x WLL

**For obvious reasons of safety, we strongly recommend the use of our shortening clutch with lock, which guarantees a better safety.**

**1) Description of the shortening clutch.**

The clutch helps you in shortening a leg of a sling.

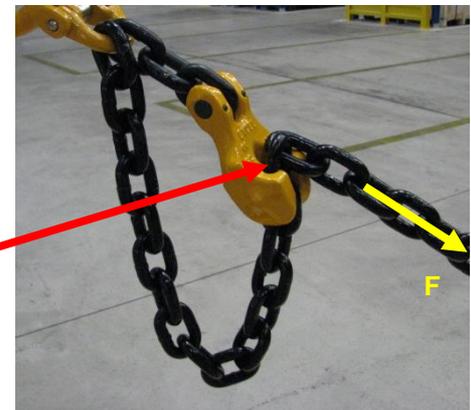


The clutch must be assembled with a few links of chain (at least 3) to the master link with a connector link (MJ). All components and chain must have the same grade.

(For mounting instructions Clevis Pin, see PI-03-06: EXCEL<sup>®</sup> Clevis type fittings)

**2) Instructions for use**

- A clutch with locking device (GCV) guarantee a higher safety, as the chain is locked in the pocket. Check that the locking pin comes back to its initial position.
- Do not load the dead leg of the chain. Check that the chain has been applied in the right way. If not, the chain risks to break out or slip out and to release the load.



Note: when a connecting link (MJ) is used for two chains (as showed in the picture above), only one of these chains may be loaded, to prevent overload of the connecting link.

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Maintenance :

- Servicing must be done by a competent person.
- Do not use a clutch which is rusted, bent, showing signs of beatings or having stayed in acid conditions.
- Check frequently the good state of the clutch and the pin and retaining pins.
- The clutch must be scrapped if its dimensions are at least 10% different of its initial measurements.
- Check the good state of the chains.

**3) Use limitations**

- Do not exceed the WLL of the shortening clutch and chain.
- Do not heat treat or weld.
- Do not machine or grind the clutch.
- Never carry on a traction in another way that in the clutch axis.
- Shortening clutches must not be used in contact with acids or bases.

If you have further questions, please do not hesitate to contact us.  
Kind regards,

Van Beest Product Management

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and Supplier of wire rope and  
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