



ROCKINGER Member of JOST-World

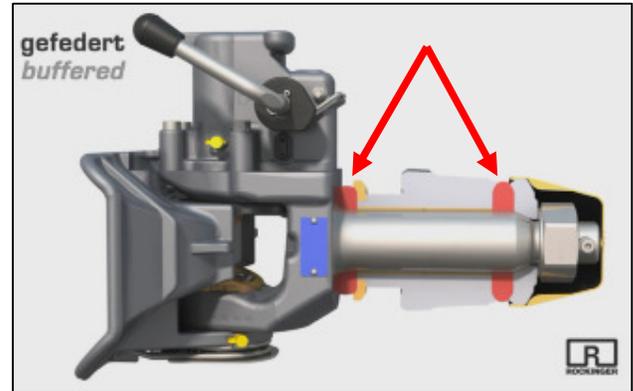


Has your hitch been fitted correctly?

You may be forgiven for thinking that the hitch must have been fitted correctly. This is not always the case, but are you aware that the hitch fitment can and does directly affect the drivetrain of the vehicle. Any movement between the hitch and eye can increase the chances of a severed prop shaft or universal and gearbox damage on the vehicle. It is therefore critical to limit the movement by ensuring that the hitch has been fitted correctly and that the hitch and eye is within maximum wear dimensions to minimize any potential damage to your vehicle. To highlight the most important points, please follow the checks detailed below

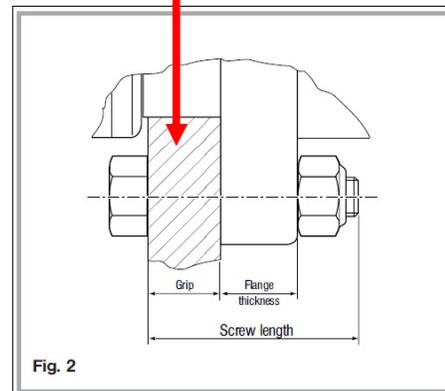
Identification: **Rockinger RO50G65 Coupling**
Can be used in on and off road conditions and designed to cope with horizontal and vertical loads.

It is easily identified by small rubber cushions as shown here in red.



Measure the thickness of the cross-member the hitch has to be fitted too. The cross member preferably has to measure more than 13mm but no more than 28mm. If the cross member is too thin, the correct torque on the castellated nut will not be achieved leading to a poorly fitted loose hitch and potential drivetrain damage.

thickness of crossbar and support plate (s. fig. 2)	
- Central-axle-trailer:	65 13 – 28 mm
- Drawbar trailer:	65 max. 28 mm



Tighten the main castellated nut to 500NM and fit the lock bolt to lock the main castellated nut in place.

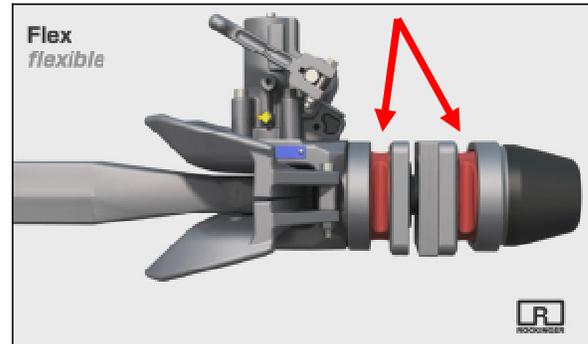
Torque to 500NM



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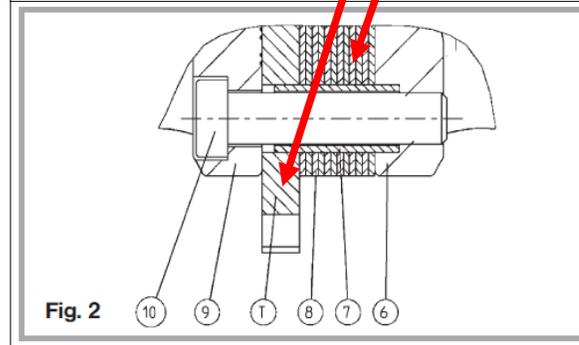
JOST

Identification: **Rockinger RO50Flex Coupling**
Used mainly in on road applications with drawbar trailers, this hitch can absorb horizontal loads only, sporadic up or down forces can be applied but not permanently. No center drawbar axle trailers allowed to be used with the flex hitch! It is easily identified by the large rubber cushions as shown here in red.



T (mm)	12-13	14-15	16-17	18-19	20-21	22-23
8 (Number)	12	11	10	9	8	7
T (mm)	24-25	26-27	28-29	30-31	32-33	34-35
8 (Number)	6	5	4	3	2	1

The RO50Flex is fitted with shims. Measure the thickness of the cross-member the hitch has to be fitted too: (See Item "T") for instance if item "T" measures 18mm, select the correct number of shims. The correct number of shims to fit on an 18mm thick cross member is 9 shims.



Torque to 750NM

Tighten the main castellated nut to 750NM and fit the lock bolt to lock the main castellated nut in place.

For more information, specification sheets and fitment/operational manuals please visit our website: www.jost.co.za