



Towing Eye: JOST 0063126 Demountable Eye
D Value: 78.5 kN
V Value: 7,000 Kg
A.T.M: 25,000 kg
CRN: 41615
Mounting Block: JOST 0063126B
Complete Unit: JOST 0063126

IMPORTANT SAFETY INFORMATION

Do not weld, modify or add to the product in any way, except for the attachment of the block to the drawbar.
Do not use the product in a haphazard manner.
Do not exceed maximum rated capacities for gross trailer weight and vertical load.
Maintain adequate vertical load, generally 10%. Never exceed 20% vertical load.
For off road application, all capacities are reduced by 20%.

MOUNTING INFORMATION

In accordance with SAE J849 and SAE J847 ^{1*}, ensure that the mounting structure is of sufficient strength to the capacity of the rated product.

Refer to the below diagram for proper mounting dimensions.

When welding mounting block to surface, a good quality weld must be ensured. The weld should be free of pitting and bubbles. Follow AWS structural welding code ^{2*} during this process. Welded linear surface should be a minimum of 24" in order to ensure sufficient strength is achieved. After welding, stress relieve welded area. Finally clean the area to make sure it is free of cracks and other deformities.

After the welding process is complete, mount the drawbar to the mounting structure. This is achieved by removing cotter pin, nut and washer from the drawbar. Insert drawbar through mounting structure and install washer nut; torque to a minimum of 100 ft-lbs (135Nm). Increase torque on the nut if there is too much slack between drawbar and mounting structure. Once nut has been properly torqued, install cotter pin through slotted portion of the nut and drilled shaft of the drawbar. Spread the cotter pin once it has cleared both pieces.

Note: Before torquing the nut, it should be lightly lubricated.

OPERATION AND MAINTENANCE

Be sure the mating device, typically pintle hook, is capable with the tow ring being used and of sufficient capacity.

Inspect the tow ring and coupling device before and after every use. If product is damaged, discontinue use immediately. If drawbar or mating device is worn more than 1/8" (.125") from the original surface, discontinue use immediately and replace worn product.

Follow all D.O.T ^{3*} and OSHA ^{4*} regulations for proper install, coupling and operation of this product.

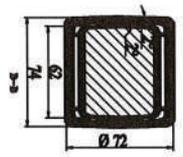
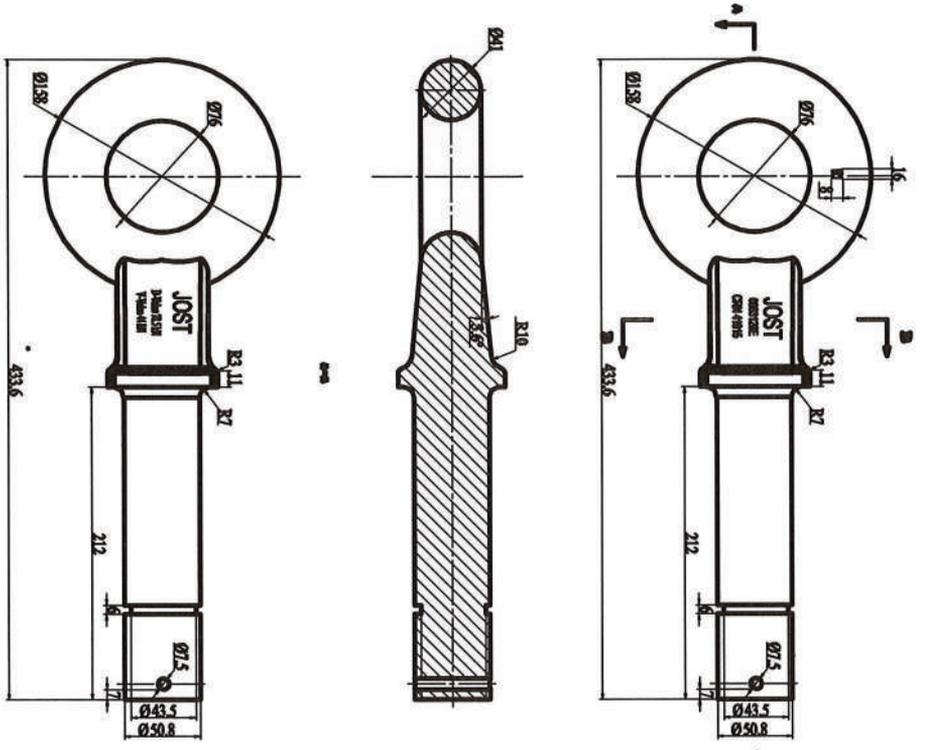
Ensure that the nut is still within acceptable torque strength at each service interval and lubricate the mounting block on a regular basis. Driver should complete a visual inspection each day.

1* http://standards.sae.org/j849_200308/
http://standards.sae.org/j847_198711/

2* <https://law.resource.org/pub/us/cfr/-br/003/aws.d1.1.2000.pdf>

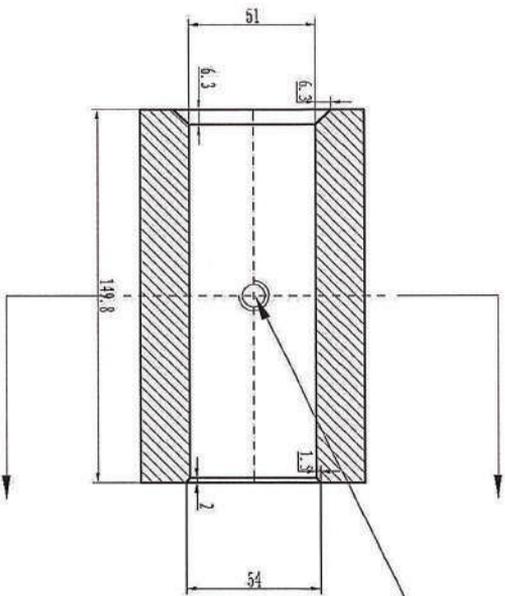
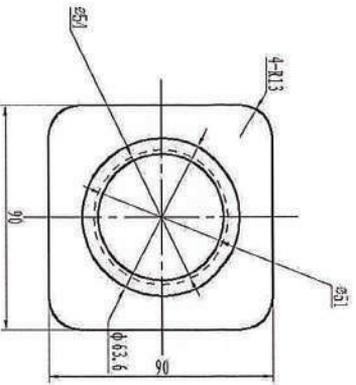
3* <http://www.dot.gov/regulations>

4* <https://www.osha.gov/law-regs.html>

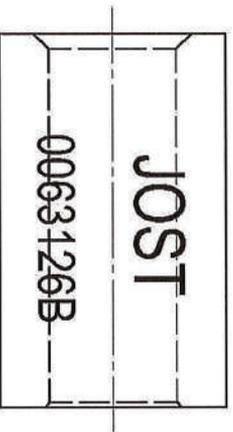
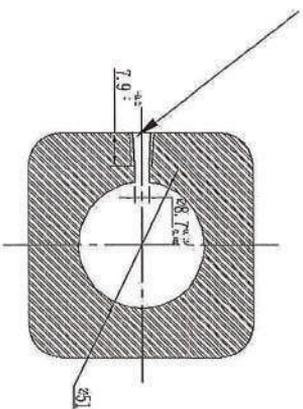


- Technical Requirements:
1. Dimension starts from intersection, Arc unless otherwise specified: R3, Draft angles unless otherwise specified: 5°
 2. Thickness tolerance unless otherwise specified: $\pm 0.1/0.7$, horizontal and height tolerance unless otherwise specified: $\pm 0.1/0.8$
 3. Residual flash and burr ≤ 0.2
 4. JOST is stamped letters size #10, W is raised letters size #10, "1" is lot number 1, 2, 3, Other markings are stamped size #8.
 5. Heat treatment: Quenching and tempering 18000-300.

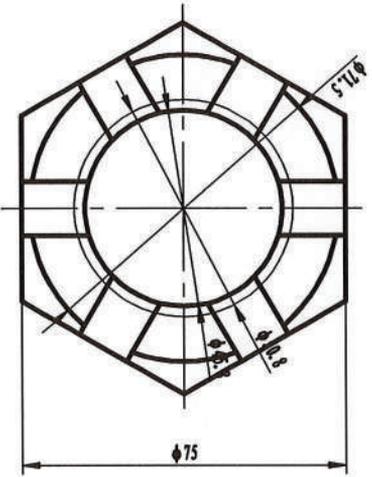
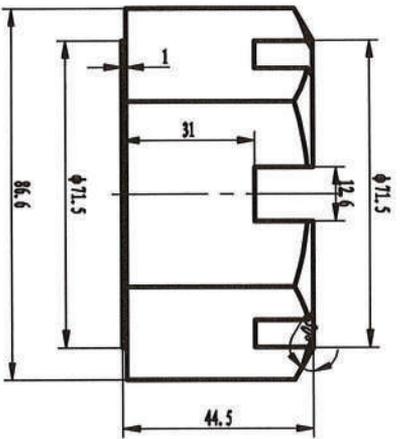
Part No.: 0063125E
Material: 42CrMo
TOWING EYE



BSP RC 1/8-28 55° 7.9 depth



0063126B



Major diameter of inner thread is $\phi 50.8$. Minor diameter of inner thread is $\phi 43.468$. Match with bolt.

0063126 Nut

Material:
45 steel

