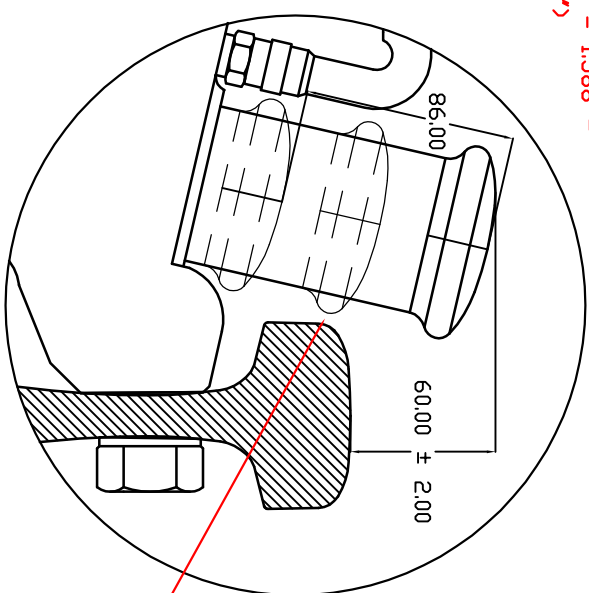
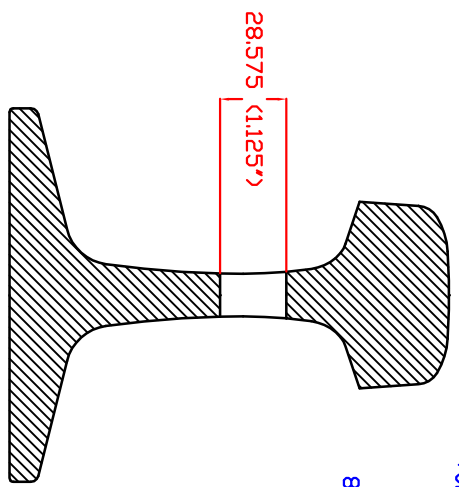
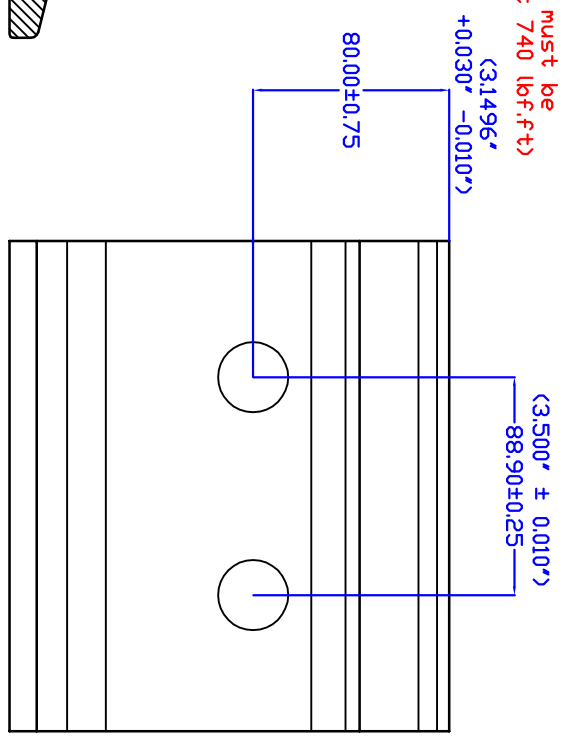


Torque M27 Nuts to between 600 lbf.ft (813 Nm) and 740 lbf.ft (1,000 Nm) (High Capacity (HC) Retarders must be torqued to the higher end at 740 lbf.ft)

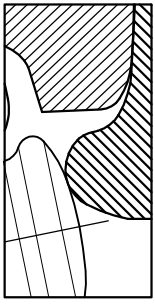


Gap between rail head and sliding cylinder head = 5 mm (3/16 ± 1/32)\"/>



Notes:

1. Drilling must always be referenced from crown of rail. This is especially important when used rail is used.
2. Do not mount retarder on raised lettering. Grind lettering down prior to drilling and installation.
3. Maximum allowable stroke is 86mm (3 3/8)\"/>



Wheel Flange to remain to inside of center line of capsule when fully stroked in.

REV	REVISION HISTORY	DATE	APPROVED
A			
B			
C			
D			
E			
F			

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Description: Joule Retarder Installation

Part No.: PART NO.

Material: MATERIAL TYPE

Date: 07/23/2012 **Drawn By:** Hans Thyssen Jr. **Sheet No.:** -- of --

DIMENSIONS ARE IN INCHES
TOLERANCE UNLESS NOTED
X ± 0.1
.XX ± 0.01
.XXX ± 0.002