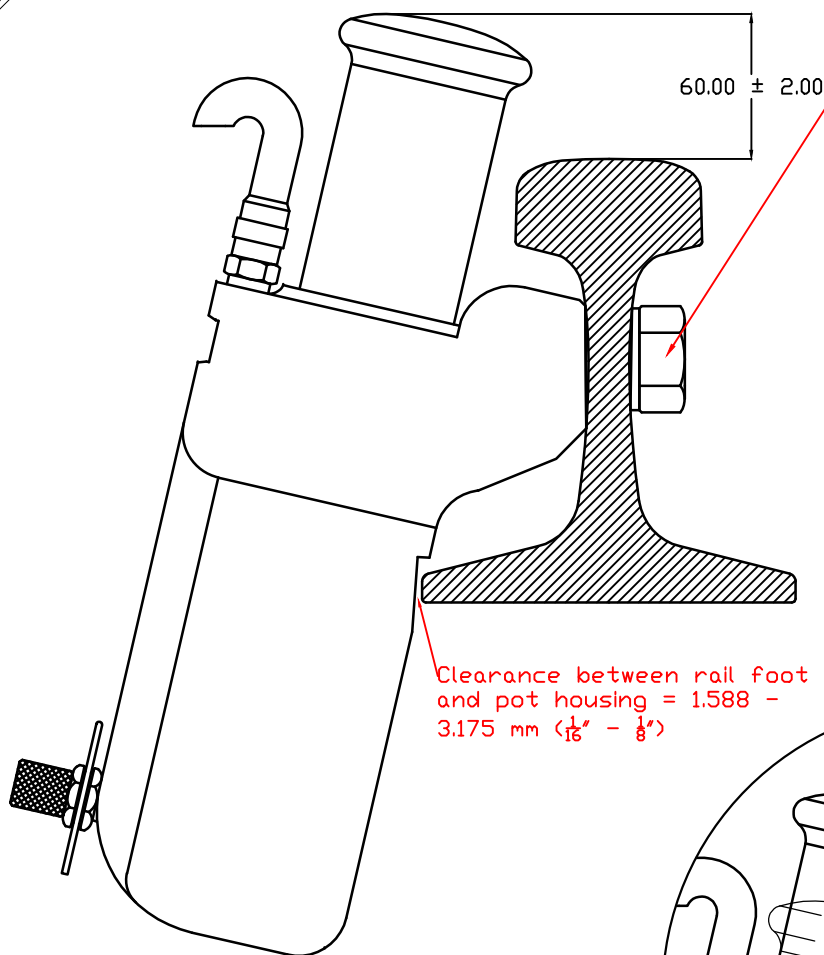
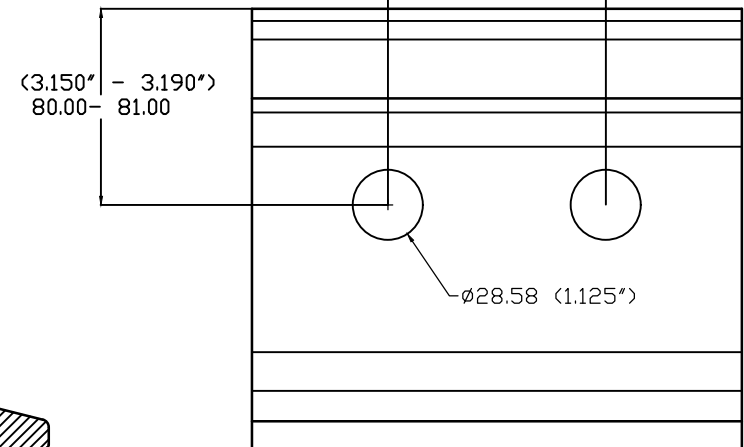
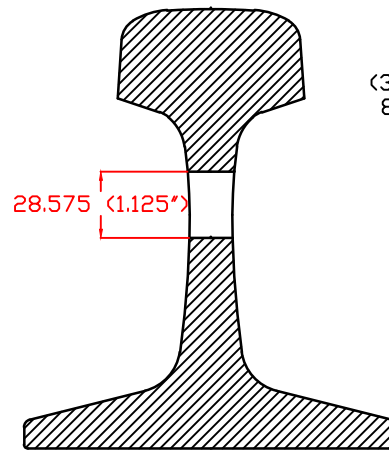
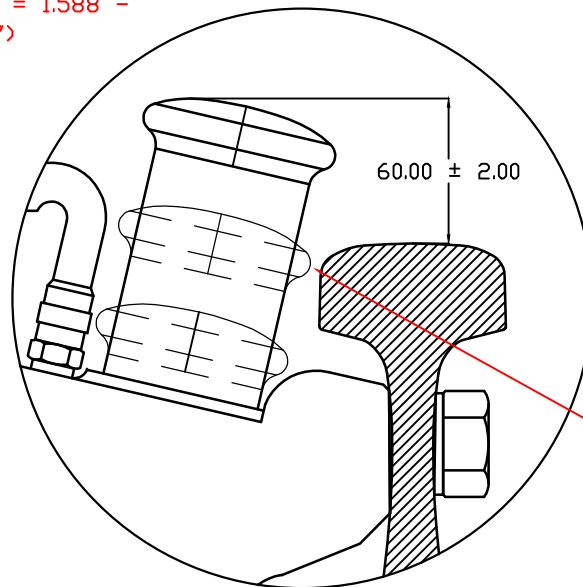




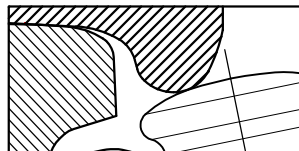
Torque M27 Nuts to between 600 lbf.ft (813 N.m) and 740 lbf.ft (1,000 N.m)
(High Capacity (HC) Retarders must be torqued to the higher end at 740 lbf.ft)



Clearance between rail foot and pot housing = 1.588 - 3.175 mm ($\frac{1}{16}$ " - $\frac{1}{8}$ ")



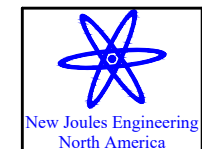
Gap between rail head and sliding cylinder head = 5 mm ($\frac{3}{16}$ ± $\frac{1}{16}$ ")



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

Notes:

1. Drilling must always be referenced from crown (Top) 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. Used rail that will cause any of the above dimensions to go out of specified tolerance cannot be used, as it will cause unacceptable loads on the retarder.



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

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Description:

Joule Retarder Installation

Part No. :

PART NO.

Material :

MATERIAL TYPE

Date:

Drawn By :

Sheet No.

07/23/2012

Hans Thyssen Jr.

-- of --

REV	REVISION HISTORY	DATE	APPROVED
A	Changes drilling height dimension to 80.00-81.00.	09/04/25	
B			
C			
D			
E			
F			