

# The Colorado Engineer Volume 10

Filesize: 3.24 MB

# Reviews

The publication is not difficult in go through better to comprehend. I could comprehended everything using this created e publication. Its been designed in an exceptionally easy way in fact it is merely soon after i finished reading through this ebook by which basically transformed me, modify the way i really believe.

(Taylor Gleason)

# THE COLORADO ENGINEER VOLUME 10



To read **The Colorado Engineer Volume 10** PDF, remember to click the button beneath and download the document or gain access to other information which are have conjunction with THE COLORADO ENGINEER VOLUME 10 ebook.

Rarebooksclub.com, United States, 2012. Paperback. Book Condition: New. 246 x 189 mm. Language: English . Brand New Book \*\*\*\*\* Print on Demand \*\*\*\*\*.This historic book may have numerous typos and missing text. Purchasers can download a free scanned copy of the original book (without typos) from the publisher. Not indexed. Not illustrated. 1914 Excerpt: .of one -in. rivet = 1.00 X 0.6013 X 38,000 = 22,849 lb. 22849 Efficiency =--= 40.6 per cent. 56250 0.5 X 62.25 X 150 Fibre stress on plate = = 15,282 lb. 0.5 X 0.611 Shearing stress on rivets = 0.5 X 62.25 X 150 X 2.25; = 8,734 lb. 2 X 0.6013 50,000 Safety factor of plates = = 3.27. 15,282 38,000 Safety factor of rivets = = 4.35. 8,734 This seam should be reinforced with a Vk hx welt plate inside on the longitudinal seam. Make rivet spacing in outer row through welt plate 4.50 in. Use 13/16-in. rivets in y8mholes; iron rivets are sufficiently strong. Strength or Seam After Reinforcement. 1. Efficiency of seam for tearing plate between rivets in outer row: 4.50--0.875 3.625 Efficiency = = 80.1 per cent. 4.50 4.50 2. Efficiency of seam for tearing plate between rivets in middle row and shearing one rivet in outer row: Strength of solid plate = 4.50 X 0.5 X 50,000 = 112,500 lb. Strength of punched plate = (4.50-2 X 0.875) X 0.5 X 50,000 = 68,750 lb. Strength of one rivet = 0.6013 X 38,000 = 22,849 lb. Total strength of seam = 91,599 lb. 91,599 Efficiency = = 81.4 per cent. 112,500 3. Efficiency of seam for shear of four -in. rivets in single shear: Strength of rivets = 4.00 X 0.613 X 38,000 = 91,398 lb. 91,398 Efficiency = = 81.2 per cent. 112,500 0.5 X 62.25 X...

Read The Colorado Engineer Volume 10 Online
Download PDF The Colorado Engineer Volume 10

## See Also



#### [PDF] Johnny Goes to First Grade: Bedtime Stories Book for Children s Age 3-10. (Good Night Bedtime Children s Story Book Collection)

Follow the link listed below to download and read "Johnny Goes to First Grade: Bedtime Stories Book for Children s Age 3-10. (Good Night Bedtime Children s Story Book Collection)" PDF file.

**Read PDF** »



#### [PDF] The Wolf Who Wanted to Change His Color My Little Picture Book

Follow the link listed below to download and read "The Wolf Who Wanted to Change His Color My Little Picture Book" PDF file.

Read PDF »



# [PDF] The Best Christmas Ever!: Christmas Stories, Jokes, Games, and Christmas Coloring Book!

Follow the link listed below to download and read "The Best Christmas Ever!: Christmas Stories, Jokes, Games, and Christmas Coloring Book!" PDF file. Read PDF »



### [PDF] TJ new concept of the Preschool Quality Education Engineering the daily learning book of: new happy learning young children (2-4 years old) in small classes (3)(Chinese Edition)

Follow the link listed below to download and read "TJ new concept of the Preschool Quality Education Engineering the daily learning book of: new happy learning young children (2-4 years old) in small classes (3)(Chinese Edition)" PDF file.

Read PDF »



#### [PDF] In Nature s Realm, Op.91 / B.168: Study Score

Follow the link listed below to download and read "In Nature s Realm, Op.91 / B.168: Study Score" PDF file.

**Read PDF** »



#### [PDF] Using Graphic Novels in the Classroom, Grades 4-8

Follow the link listed below to download and read "Using Graphic Novels in the Classroom, Grades 4-8" PDF file.

**Read PDF** »