

# Eccentrically Loaded Bolt Group: ONLINE COEFFICIENT CALCULATOR

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## Eccentrically Loaded Bolt Group: ONLINE COEFFICIENT CALCULATOR

Written by Redeemer | Posted Sunday, November 28, 2010 at 11:55:00 PM

Here is another post for Structural Designer specializing Connection Design. Non-engineers may opt to skip reading this post. They might find this blogpost not interesting.

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Here, I wrote and posted the program for free. I intend to help fellow engineers hasten their burden in design work. Just enjoy using the calculator.

### Eccentrically Loaded Bolt Group COEFFICIENT CALCULATOR

Bolt Group Data	Drawing/Geometry
Rows: <input type="text" value="3"/> Columns: <input type="text" value="2"/> Gauge: <input type="text" value="3"/> in Pitch: <input type="text" value="3"/> in Eccentricity: <input type="text" value="6"/> in Rotation: <input type="text" value="45"/> deg	<p>Where:                      r = rows                      c = columns                      g = gauge                      p = pitch                      ex = eccentricity  <math>\phi</math> = rotation</p>
Coefficient, C: <input type="text" value="2.912"/>	

**Warning:**  
 Running this program may cause your web browser to run slowly. This may happen for a very large bolt input associated with non-zero eccentricity. When this happens, however, you will be prompted with a message by your web browser whether or not to stop running the script.

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