

**Intertek Test Report No. JGZ0608220-24**

ENGINEERING EVALUATION  
OF

**P.B.B Inc. Grade 1 Five Knuckles Steel/Stainless Steel Hinges:**  
*4B51, 4B5R, 4B8R, 4B52, 4B82, 4B53, 4B83, 4B54, 4B84*

FOR

P.B.B Inc.  
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**ENGINEERING REVIEW PROCESS:**

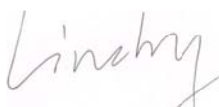
The P.B.B Inc. 4B814545652 Steel Hinge was previously tested by Intertek in accordance with ANSI/BHMA156.1-2000, "American National Standard for Butts and Hinges" and found to be compliant to Grade 1. Results are found in Intertek Test Report JGZ0608220-11.

In order to assess potential performance differences between the 4B814545652 and each of the 9 hinges undergoing evaluation, customer-supplied technical drawings and specifications of each model are reviewed and compared to those of model 4B814545652.

**CONCLUSION:**

It is determined that the 9 steel/stainless steel hinge models 4B51, 4B5R, 4B8R, 4B52, 4B82, 4B53, 4B83, 4B54 and 4B84 are similar, with minor variations, to the previously tested model 4B814545652. These variations will not significantly affect the performance of these steel/stainless steel hinges.

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