



Hammer Union Mismatch

MSI Technical Bulletin

Subject: Dangers of mismatching hammer union connections.

The intent of this bulletin is to address the potential dangers associated with 2" Figure 602 equipment being connected to equipment of higher pressure rating, such as 2" Figure 1502, due to incorrect identification.

Hammer (Wing) Unions have been widely used in the oilfield industry for several decades, MSI offers hammer unions in several sizes, pressure ratings, and material classes. Essentially, hammer unions consist of a male connection, female connection, and wing or nut to secure the two end connections together. Recently, circumstances in the field have brought to the industry's attention that several hazardous mismatches are possible when using 2" Figure 602 equipment. Careful attention must be paid to the size and pressure rating of hammer union equipment. Not doing so can result in the connecting of equipment with mis-matched end connections. This condition can result in serious injury or death.

Industry partners have recently discovered and are banning from use other potentially dangerous unions that will connect to higher pressure rated unions such as 2" Figure 1502. These include but are not limited to:

- 2" Guiberson Seal-O-Matic
- Kemper 2" Figure G
- Best 2" Figure 607
- American Block 2" Figure 607
- Kemper 2" Figures 400/402/406

Recently, several manufacturers, MSI included, have formed a task group to solve this very serious problem. It is the intention of the task force to modify the Figure 602 design to prevent mismatch.

MSI's goal is to provide equipment of the highest quality and safety to our customers, and thus, we have discontinued selling 2" Figure 602 hammer union equipment. MSI may resume offering this particular union size but only if the design can be made to prevent end connection mismatch.

If you have any questions please contact MSI at 800-242-0059 or visit www.diwmsi.com.

MSI is a division of Dixie Iron Works, Ltd
300 W. Main St.
Alice, Texas 78332, USA
Phone: 800-242-0059
Fax: 361-664-4840
www.diwmsi.com