

TECHNICAL BULLETIN 141112

IMPORTANT NOTICE

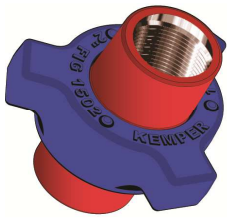
DATED 11-12-14

KEMPER 3" 1502 (STANDARD, NOT HD), 1002, 602 DETACHABLE HAMMER UNION CONNECTION

TO: All Kemper Valve & Fittings customers who use any Kemper product that is supplied with any of the above mentioned connections. These connections have been sold as a component(s) of products such as Pup Joints (Integral and NPS), Swivel Joints, Integral Fittings (Tees, Crosses, Laterals, Elbows - including Cushion), Crossovers, Swages, Plug Valves (no other valves), Detachable Nut Kits and Segmented Ring Sets.

ISSUE: Kemper's commitment to product improvement has resulted in a revision to the segmented ring sets used for the 3" Detachable Hammer Union connections to further ensure that a proper connection has been made when visually checking for thread exposure.

Kemper Valve and Fittings is publicizing the difference between old and new revision segmented ring sets in order to ensure that the component segmented rings of each set are **NOT** interchanged. A segmented ring set consists of three (3) identical component segmented rings – see Figure 1.



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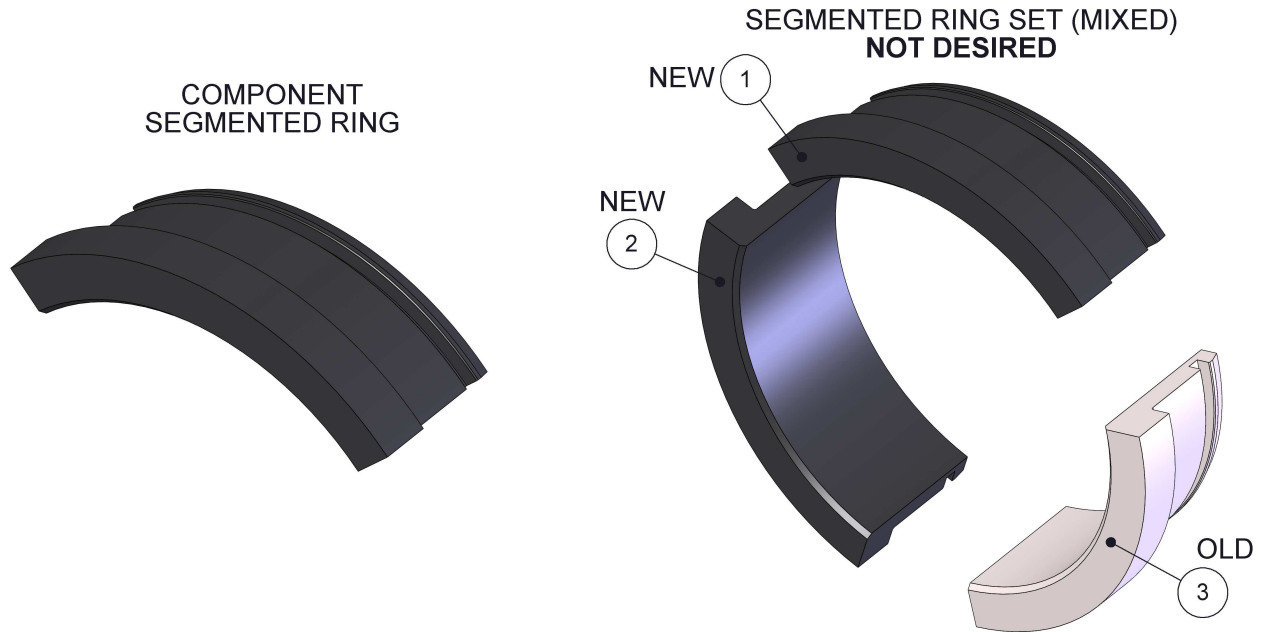


Figure 1

The **component** segmented rings must be used exclusively with their respective sets and are not interchangeable between the revisions. **All three (3) of the segmented rings in the set must be of the same revision. DO NOT USE** any combination where only two (2) of the three (3) segmented rings are the same. The new segmented rings differ from the previous revision in that the: overall length is shorter, stop step width is shorter and the **COLOR** is **BLACK** (for identification purposes) vs. the “as-machined” grey steel. It is the overall length and stop differences that make the requirement that all three (3) segmented rings be of the same revision.

Mixing versions of segmented ring components would cause the nut to bottom out & stop on the old segmented ring (wider) before bottoming out & stopping on the new segmented ring (narrower). This creates a 0.040 air gap & prevents required engagement – see Figure 2.



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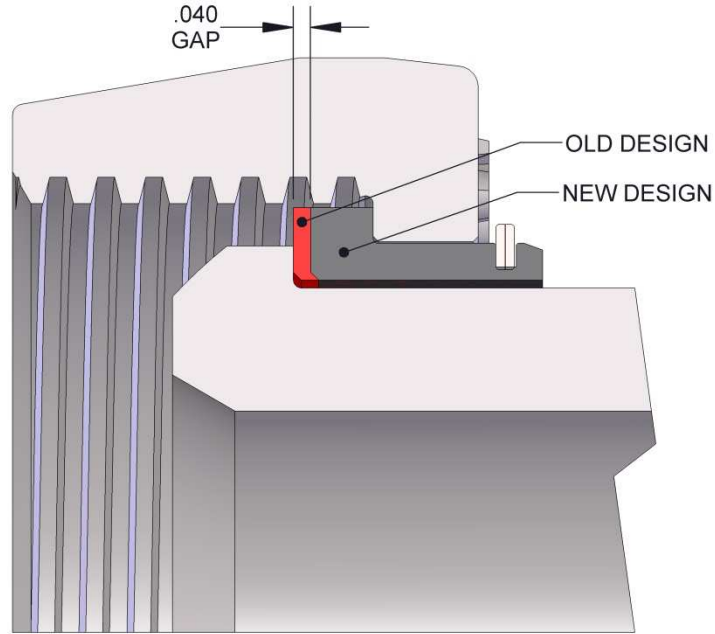
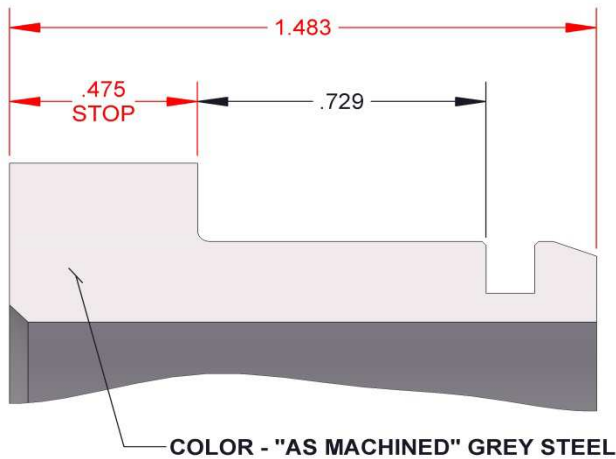


Figure 2

REQUIRED ENGAGEMENT IS NOT PRESENT

HOW TO IDENTIFY: See Figure 3:

3" FIG 1502/1002/602 END CONNECTION
OLD STYLE SEGMENTED RING



3" FIG 1502/1002/602 END CONNECTION
NEW STYLE SEGMENTED RING

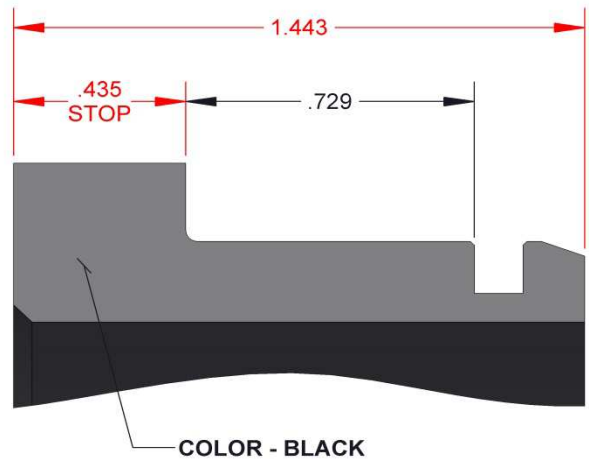
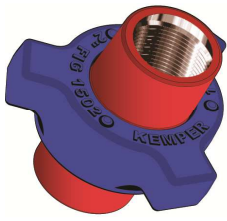


Figure 3

! WARNING !



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HOW TO IDENTIFY:

OLD

- 1) Overall **LENGTH** is **1.483** inches
- 2) Stop **WIDTH** is **0.475** inches
- 3) Color is “as-machined” **GREY STEEL**

NEW

- 1) Overall **LENGTH** is **1.443** inches
- 2) Stop **WIDTH** is **0.435** inches
- 3) Color is **BLACK**

ACTION: All products affected are now being supplied with the new revision of the segmented ring sets. If you have these components in-use and/or in-stock, take steps to insure that these two revisions of the segmented rings are **NOT MIXED WITHIN A HAMMER UNION CONNECTION.**

Kemper recommends insuring your recertification process guards against the potential for this condition.

FAILURE TO COMPLY WITH THIS WRITTEN INSTRUCTION MAY RESULT IN DEATH, SERIOUS PERSONAL INJURY, AND/OR SERIOUS PROPERTY DAMAGE.