

TECHNICAL BULLETIN 10625

IMPORTANT NOTICE

DATED 07-13-12

REGARDING USE OF KEMPER HEAVY DUTY (HD)
CONNECTIONS:

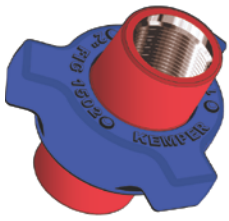
KEMPER 3" 1502 HD HAMMER CONNECTION

AND

KEMPER 3" 1502 HD-01 45° TAPERED HAMMER CONNECTION

TO: All Kemper Valve and Fittings customers who use any Kemper product that is supplied with either a Kemper 3" 1502 HD male/wing connection **with a 90° or 45° taper**. These have been sold in limited applications relating to LT Plug Valves and the components directly attached to them on Manifold Trailers. Keeping with Kemper's commitment to product improvement, the original HD connection (150393HD, 90° shoulder) has been discontinued in favor of a new and improved 45° tapered version (150393HD-01, 45° tapered shoulder and 150393HD-02, 45° tapered shoulder with larger minor diameter on the ACME thread). The new 45° tapered shoulder design further strengthens the male connection and provides added support for demanding fracking applications. **In addition, the 45° taper design is being adopted for all 3" HD components and will be supplied in the near future. Contact your Sales Representative for further details.**

ISSUE: Kemper Valve and Fittings is publicizing the difference between the old HD connection and the new improved 45° in order to ensure that the parts are not interchanged. The 90° and 45° shoulder designs should never be used in an application other than the one for which they were originally provided. Differences between the 90° and 45° tapered shoulder require that the nut, the segment rings, and the male component must all be of the same style. Mixing any of the 90° or 45° tapered components could result in the failure of the connection.



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HOW TO IDENTIFY: See diagram below.

OLD has the traditional 90° stepped male shoulder with corresponding 90° segment ring and 90° mating nut that has been serving the industry well for many years (see 150393HD - LEFT). This nut is painted BLUE and marked "HD" and "MNR". The segment rings are supplied in the "as machined" condition.

NEW has the Kemper exclusive 45° tapered male shoulder with the corresponding 45° segment ring and 45° nut (see 150393HD-02 - RIGHT). This nut is painted YELLOW and is marked "HD", "45 TAPER" and "MNR". The supplied segment rings are marked with "45 TAP" and nitrided BLACK in color.

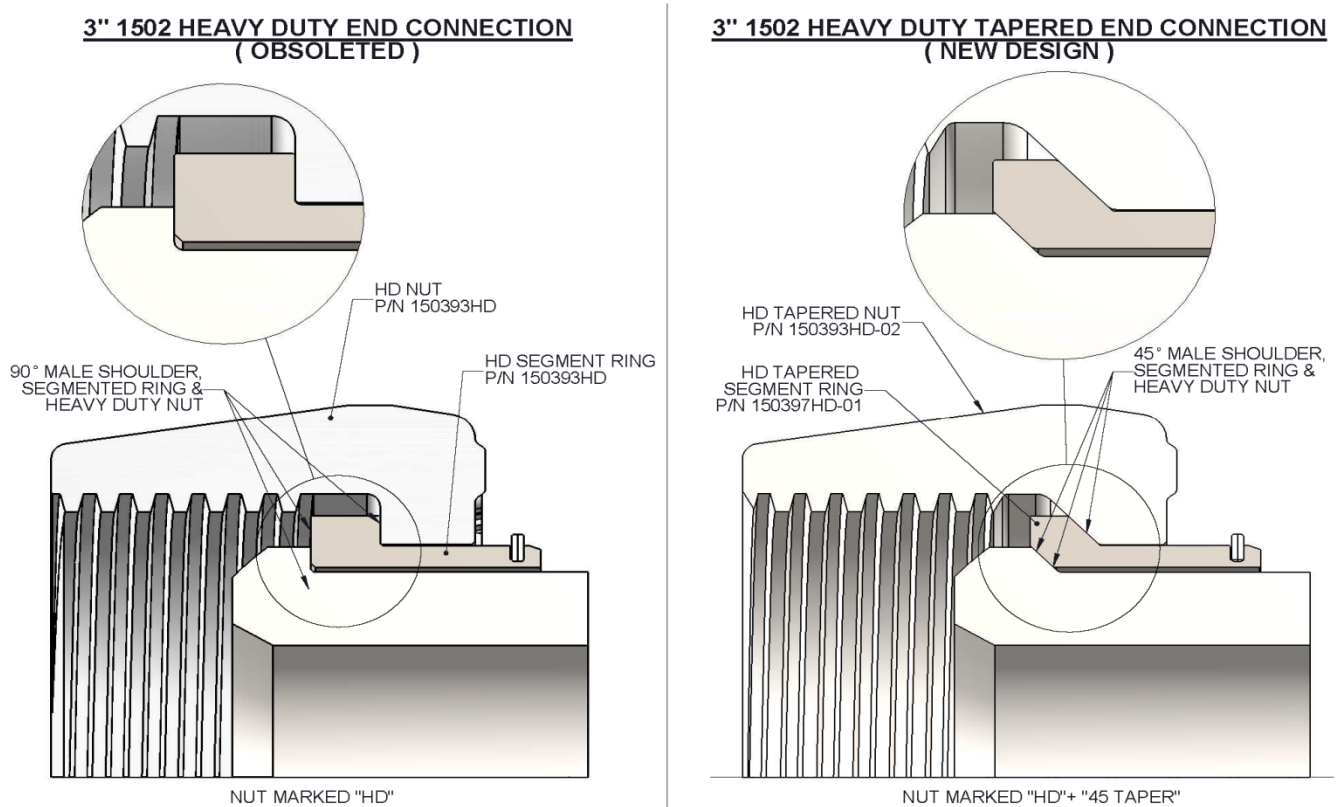
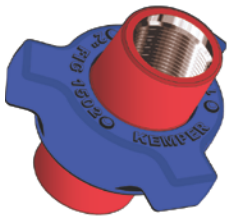


Figure 1



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! NOTE !

STOP AND DO NOT USE MIXED “HD” & “HD 45” COMPONENTS.

ACTION: All 3” Heavy Duty LT Plug Valves are now being supplied with the 45° tapered shoulder design. As 3” Flow Iron Components with the 90° shoulder are replaced, they will be replaced with the 45° tapered shoulder design. The replacement will include the appropriate segment rings and Nuts.

WHAT TO DO: If you have these components in use or in stock, take steps to insure that these two versions of parts are **NEVER** used together in an assembled connection. If you have any questions, please contact your local Kemper Sales Representative.