## **INSTALLATION INSTRUCTION 0001-0659-999**

## **Style 700 POSI-HOLD Couplings**

With 9" long body for 3", 4", and 6" Steel (IPS) to Steel (IPS) Pipe Connections

- 1. Clean pipe end to bare metal free of dirt, mill scale, grease, oil, lacquer, etc., But DO NOT POLISH!
- 2. Minimum steel pipe wall thicknesses shall be .188" unless other recommendations are obtained from Dresser Engineering.
- 3. Mark each pipe with a mark located 3" from pipe end.
- 4. Check inside of coupling before installing on pipe ends to ensure that the gaskets and grip rings are in position and interior is clean and free of dirt, oil, grease, etc. Do NOT lubricate gaskets or pipe ends.
- 5. Stab coupling on pipe end. Insert Dresser line-up guide marked for 9" long body in the pipe end and lock in place. Slide coupling towards guide until end of coupling contacts the line-up guide.
- 6. If line-up guide is not used, align coupling with the pipe. The end of the coupling shall be positioned at the 3" mark on pipe end.
- 7. Remove plastic plug using the bayonet fork and check bayonet pin. (See Caution Note "A")
- Assemble bayonet by inserting bayonet foot into the body and turning handle 1/4 turn in clockwise direction. Tighten knurled wheel on bayonet in clockwise direction until hand tight.
- 9. Close by-pass valve on pump and operate pump until recommended pump gauge pressure has been maintained for a minimum of 1/2 minute.
- 10. Release the by-pass valve at the pump relieving the pressure in the hose and bayonet.
- 11. Turn the knurled wheel in counterclockwise direction until connection is loose. Now turn bayonet handle 1/4 turn in counterclockwise direction and remove the bayonet foot.
- 12. Wipe off the excess fluid and replace the plug.
- 13. Remove the line-up guide.
- 14. Stab the second pipe end into the coupling a minimum of 3" marked on pipe. Pipe end may be stabbed until contact with other pipe end, then retracted 1/2" minimum to allow for deflection, expansion and contraction.
- 15. Repeat Steps 5 thru 12 for second pipe end.
- 16. Do not box coat with hot enamel coating.
- NOTE: Safety glasses are recommended at all times during installtion of the Style 700 Posi-Hold Coupling.

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You MUST mark and stab the pipe into the coupling to the proper stab depth. Failure to

do so could result in

escaping gas that could ignite and cause

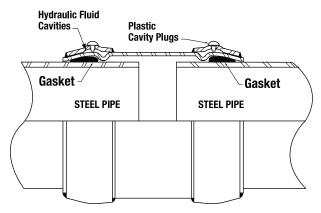
property damage, serious injury or death

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## **CAUTION:**

- (A) Check bayonet pin projection to ensure a minimum of 1/4" is obtained. (Improper pin projection may result in insufficient pump pressure & will be recognized by a sudden & rapid increase of gauge pressure).
- (B) All connections, including Quick Connects on pump, hoses, or equipment, must be properly tightened at all times to prevent leakage of fluid or introduction of air into the hydraulic system.
- (C)Safety glasses are recommended at all times during installation of the coupling or fitting.

