

COUPLER PULLER TOOL USER MANUAL

IMPORTANT NOTES

- Installation technician must be trained and certified to install Tega large diameter couplers.
- For general safety reasons, keep a distance of min. 40" to the fusion site during fusion process.

PULLER TOOLS



Hook



Lever Hoist



Straight base Part 1



Straight base Part 2

AUXILIARY TOOLS

1-Scraper



2-Gap gauge



3-Marker



4-EF Welding Machine and Generator



5-Tape meter



6-Ratchet strap



8-PE cleaning agent and cloth



9-PE cleaning agent and cloth

10-Welding tent

11- Circometer

INSTALLATION PROCEDURE

1. Fusion of Flex Restraints:

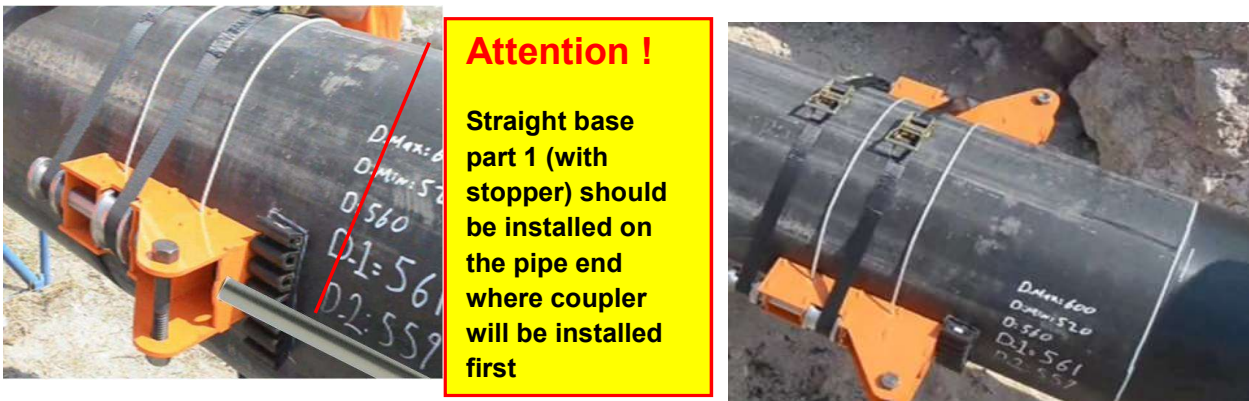
In order to create the supports of pulling tool, flex restraints should be fused on both pipes. Two of flex restraints should be fused on each pipes ends with following distances:

- 1) Couplers between d 12" to 20" size: at a distance half length of coupler + 1.18"
- 2) Couplers bigger than 20" size: at a distance half length of coupler + 1.57"
- 3) Number of Flex:
 - 12" - 24": 2 flex (180° between flex)
 - 28" - 32": 3 flex (120° between flex)
 - 36" - 63": 4 flex (90° between flex)



2. Assembly of Straight Bases:

Straight base part 1 (which has stopper) should be fixed on first pipe end by using ratchet straps. Straight base part 2 should be fixed on the second pipe end by using ratchet straps or toist. Bases on both pipe ends should stand by flex restraints.



3. Placing the hooks onto coupler:

Place the hooks onto coupler as shown in picture.



Attach the lever hoist and operate it to pull coupler.



The hooks and pulling chain must be parallel to the pipe and coupler. Never create bending force on the coupler.

By using the lever hoist pull the other pipe end up to the mark. The same montage process is followed for the connection of puller tool to the other pipe.

