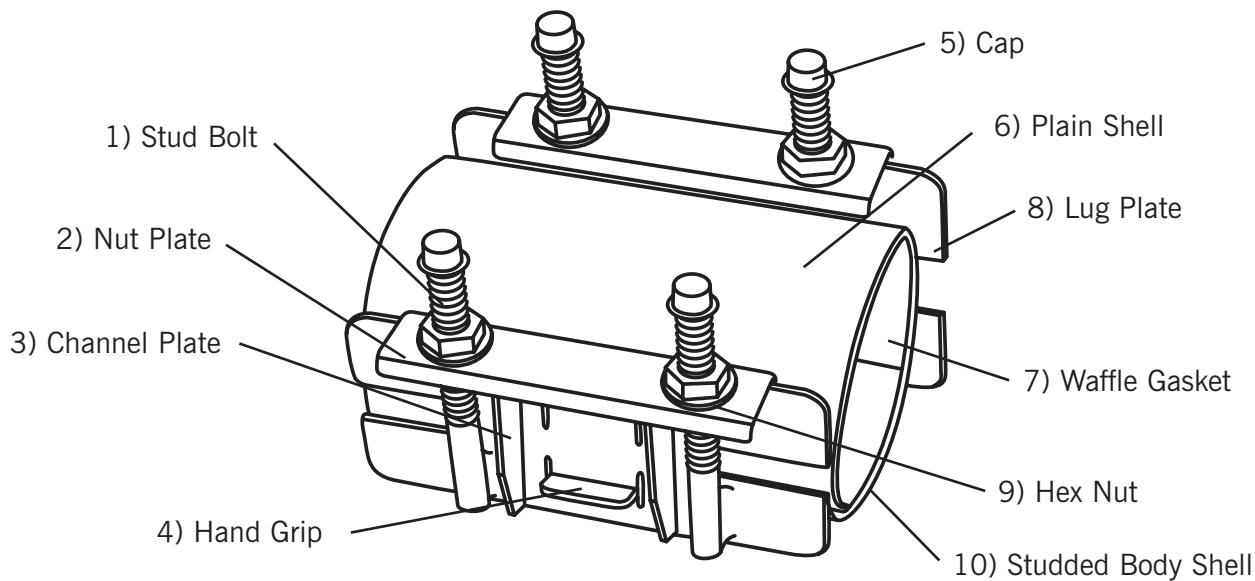
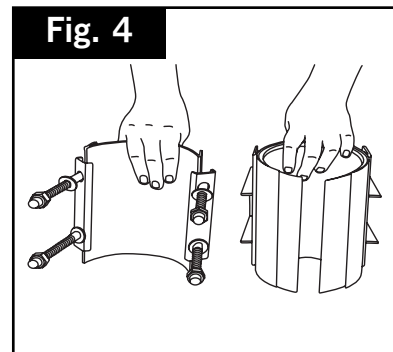
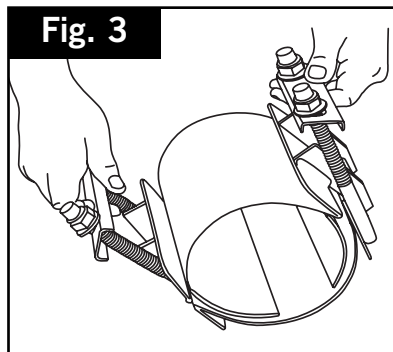
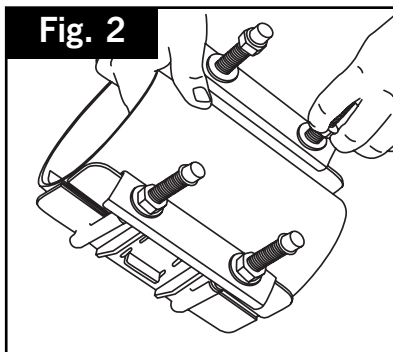
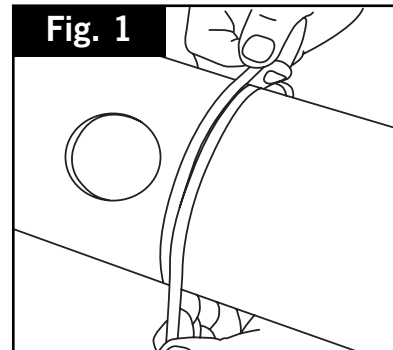


HANDICLAMP



INSTALLATION OF MULTIPLE BAND REPAIR CLAMP

- 1) Check that the actual outside diameter of the damaged pipe falls within the range of the HandiClamp selected (Fig 1).
- 2) Clean the outside of the pipe and:
 - i) Brush off any loose dirt.
 - ii) Ensure all exposed edges from the hole, crack or gouge in the pipe are flush with the pipe OD.
- 3) Loosen the hex nuts (9) as far as the protection caps (5) (Fig 2).
- 4) Unhook and separate the plain shell and studded body shells (6+10) (Fig 3+ Fig 4)

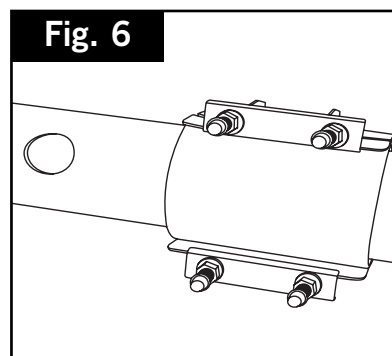
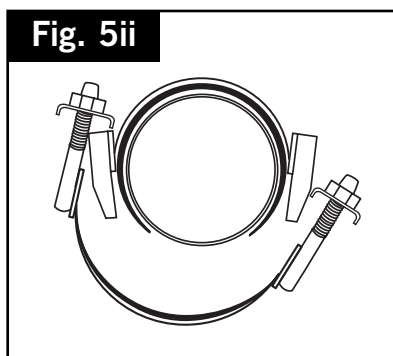
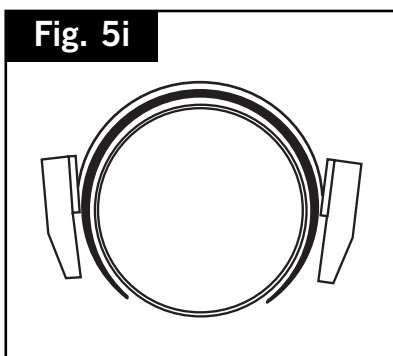


Please note: For use on PE pipe please contact Viking Johnson

HANDICLAMP

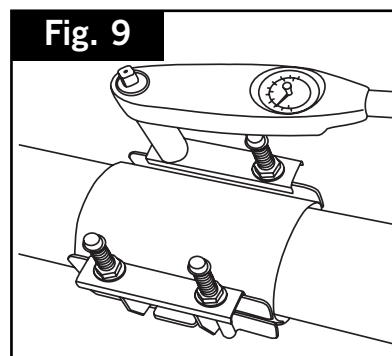
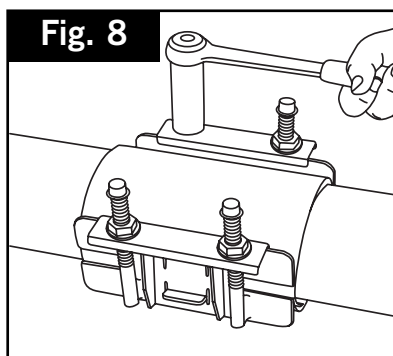
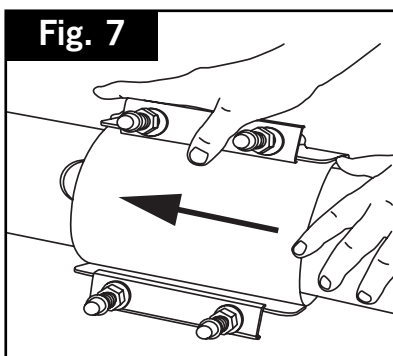
INSTALLATION OF MULTIPLE BAND REPAIR CLAMP

- 5) Install the HandiClamp on the pipe some distance away from the damaged area:
- i) Place the plain body shell (6) of the HandiClamp on top of the pipe (Fig 5i) some distance away from the damaged area.
 - ii) Hook the nut plate (2) of the studded bodyshell (10) over the lug plates (8) of the plain body shell on the pipe. (Fig 5ii)
Loosely tighten the nuts to hold the fitting together.



- 6) Install the HandiClamp over the damaged section of pipe:
- i) Slide the fitting towards and over the damaged section of pipe, ensuring that it is centralised over the damaged area (Fig 7).
 - ii) Tighten the nuts evenly to recommended bolt torque (see Table) (Fig 8).
 - iii) Finally, check that the correct bolt torque has been achieved on all bolts (Fig 9).

Bolt Size	Torque Nm
M12	55-70
M14	70-85
M16	95-110



Please note: For use on PE pipe please contact Viking Johnson