

THREAD REQUIRED 25 + AS REQUIRED 25 + THREAD REQUIRED

Ø 25x152x152 (A709M, GRADE 250) w/ 29 HOLE

Ø 19x90x90 (A709M, GRADE 250) w/ 29 HOLE

25 ROD (A709M, GRADE 250)

102 SQ.

76 HOLE

102 SQ.

Ø 25x152x152 (A709M, GRADE 250) w/ 29 HOLE

HEX NUT (A307) (HEAVY) (TYP.)

CUT OFF ROD (EA. END) AFTER FINAL TENSIONING.

FILL RECESS WITH EPOXY GROUT AFTER FINAL TENSIONING

FINAL TENSIONING FROM THIS END

PRELIMINARY TIGHTENING FROM THIS END

NOTE:
FINAL TENSIONING SHALL YIELD 138 MPa
AS DEVELOPED BY A TORQUE OF 271 N·m.

Technical drawing of a circular seal assembly. The drawing shows a cross-section of a seal with a central hole. The outer diameter is labeled D . The inner hole is labeled 76 HOLE . The seal thickness is labeled 25 WIDE SEAL . The distance from the center to the top and bottom edges is labeled $D/2$.

SECTION AT
FACE OF BEAM

Technical drawing of a beam cross-section. The drawing shows a central vertical section with various dimensions and labels. At the top, an arrow points to the "TOP OF BEAM". The central section has a width of 32 units. There are two sets of horizontal dimensions: one set with 9, 9, and 10 units, and another set with 50, 73, and 102 units. The total height of the central section is 102 units. The bottom of the central section has a width of 19 units. The overall height of the beam is labeled "D". The text "FACES OF BEAMS SHALL BE SANDBLASTED BY THE MANUFACTURER PRIOR TO SHIPMENT" is written on the left. The text "BACKER ROD (CLOSED-CELL)" is written on the right. The text "12 MIN." is written near the bottom of the central section. The text "75" is written near the bottom of the central section.

ADJACENT BOX BEAM DETAILS

Figure 63-8C