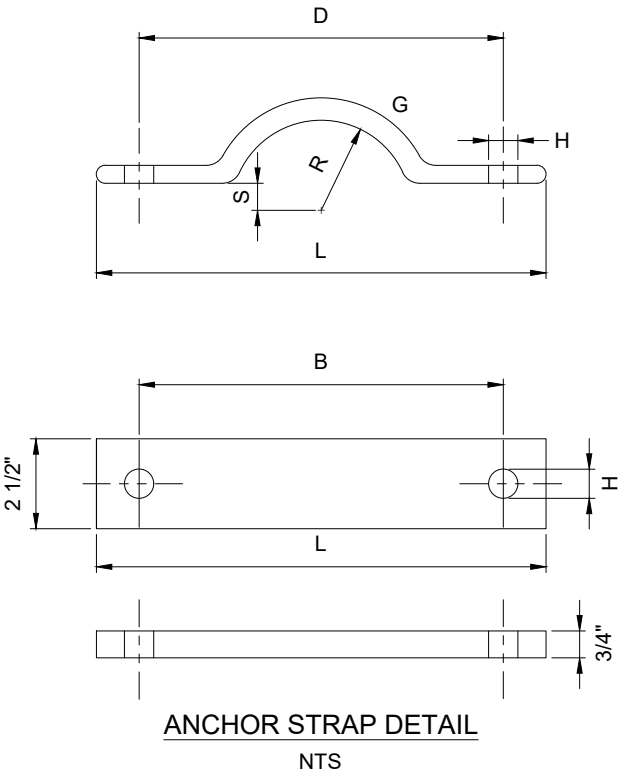
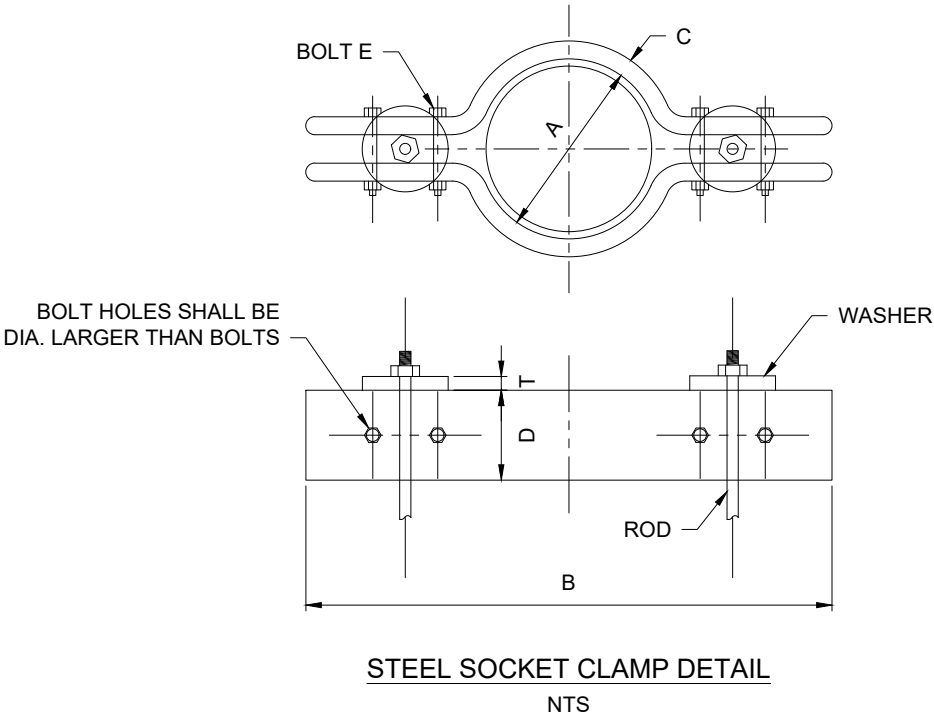


128 - Thrust Restraint Strap and Rod Details.dwg March 17, 2026 - 1:21pm



NOTES:

1. INSTALLATION AND MATERIAL OF RODS, CLAMPS, STRAPS, BOLTS AND WASHERS SHALL CONFORM TO THE NATIONAL FIRE CODE - NFFA NO. 24 (LATEST REVISION),
2. YOKES AND ANCHOR STRAPS FOR FITTINGS LARGER THAN 12" SHALL BE DESIGNED AND APPROVED FOR SPECIFIC INSTALLATION.
3. RODS TO BE HIGH TENSILE, NOT ROLLED STEEL WITH TENSILE STRENGTH OF 110,000 PSI AND A MIN. OF 95,000 YIELD STRENGTH.
4. NUTS TO HAVE HEAVY DUTY SEMI-FINISH WITH NATIONAL COURSE THREADS.
5. AFTER INSTALLATION, TIE RODS AND CLAMP ASSEMBLY SHALL BE THOROUGHLY COVERED WITH ROYSTON LABORATORIES, INC. ROSKOTE MASTIC NO. A939 OR KOPPERS CO., INC. BITUMASTIC SUPERSERVICE BLACK OR APPROVED EQUIVALENT.

TABLE 128-1 STEEL SOCKET CLAMP DIMENSIONS							
SIZE (IN.)	"A" (IN.)	"B" (IN.)	"C" (IN.)	"D" (IN.)	"E" (IN.)	"T" (IN.)	ROD AND C WASH SIZE (IN.)
4	5	14 ⁵ / ₈	¹ / ₂	2	⁵ / ₈ x 3 ¹ / ₂	⁵ / ₈	³ / ₄
6	7 ¹ / ₈	18 ⁷ / ₈	¹ / ₂	2	⁵ / ₈ x 3 ¹ / ₂	⁵ / ₈	³ / ₄
8	9 ⁵ / ₁₆	19 ¹ / ₈	⁵ / ₈	2 ¹ / ₂	⁵ / ₈ x 3 ³ / ₄	⁵ / ₈	³ / ₄
10	11 ¹ / ₂	21 ³ / ₈	⁵ / ₈	2 ¹ / ₂	⁵ / ₈ x 3 ³ / ₄	³ / ₄	³ / ₄
12	13 ¹ / ₂	25 ¹ / ₆	⁵ / ₈	3	⁵ / ₈ x 3 ³ / ₄	³ / ₄	³ / ₄
14	13 ³ / ₄	28 ¹ / ₄	³ / ₄	3	⁷ / ₈ x 4 ¹ / ₂	⁷ / ₈	³ / ₄
16	17 ⁷ / ₈	31 ³ / ₈	³ / ₄	4	⁷ / ₈ x 4 ¹ / ₂	⁷ / ₈	³ / ₄
20	22 ¹ / ₈	37 ³ / ₄	³ / ₄	4 ¹ / ₂	1 ¹ / ₄ x 5	1 ¹ / ₈	³ / ₄
24	26 ³ / ₈	44 ¹ / ₄	³ / ₄	5	1 ¹ / ₂ x 5 ¹ / ₂	1 ¹ / ₄	³ / ₄

TABLE 128-2 ANCHOR STRAP DIMENSIONS						
SIZE (IN.)	"B" (IN.)	"G" (IN.)	"H" (IN.)	"L" (IN.)	"R" (IN.)	"S" (IN.)
4	10 ¹ / ₈	⁵ / ₈ x 2 ¹ / ₂	¹³ / ₁₆	12 ¹ / ₂	2 ¹ / ₂	³ / ₄
6	12 ¹ / ₈	⁵ / ₈ x 2 ¹ / ₂	¹³ / ₁₆	14 ¹ / ₂	3 ⁹ / ₁₆	³ / ₄
8	14 ³ / ₈	⁵ / ₈ x 2 ¹ / ₂	¹³ / ₁₆	16 ³ / ₄	4 ²¹ / ₃₂	³ / ₄
10	16 ¹¹ / ₁₆	⁵ / ₈ x 2 ¹ / ₂	1 ¹ / ₁₆	19 ¹ / ₁₆	5 ³ / ₄	³ / ₄
12	19 ³ / ₁₆	⁵ / ₈ x 3	1 ¹ / ₁₆	22 ⁵ / ₁₆	6 ³ / ₄	⁷ / ₈

FULTON COUNTY STANDARD DETAIL 128 THRUST RESTRAINTS STRAP AND ROD DETAILS		DATE	REVISIONS	DATE	REVISIONS	DGS/DRN/CHKD: MB/EB/ML APPROVED: TM DATE: 02-18-2026		FULTON COUNTY PUBLIC WORKS 141 PRYOR ST. ATLANTA, GA. 30303 404-612-7400 FAX: 404-224-0498	DRAWING NO. 128