"THE STANDARD OF EXCELLENCE IN THE INDUSTRY"

TAPPING SLEEVES (Fabricated Carbon Steel) - STYLE – CFT

Tapping sleeve shall be made from a top shell section and a back shell section. The back shell section shall be ASTM A-285 Grade C or ASTM A-36 steel, with a minimum thickness of 3/16 inch for pipe diameters between 3.50" and 9.05" and a minimum thickness of 3/8 inch thick for pipe diameters over 9.05", and have lug bars MIG welded to the shell. Each lug bar shall be ASTM A-285 Grade C or ASTM A-36 steel of a minimum thickness of 1/4 inch, and are MIG welded along the top and bottom edges. The top shell section (branch side) shall be ASTM A-285 Grade C or ASTM A-36 steel, with a minimum thickness of 3/16 inch for pipe diameters between 3.50" and 9.05" and a minimum thickness of 3/8 inch thick for pipe diameters over 9.05", and have lug bars MIG welded to the shell similar to the back shell. The branch shall be ASTM A-285 Grade C or ASTM A-36 steel of a minimum thickness of 7 gauge, rolled and seam welded. The branch shall be attached to the Top shell with an outside seam MIG weld. The top shell shall have a virgin SBR, broad throat branch gasket with a hydro-mechanical lip to assure a positive seal that complies with ASTM D 2000 BA508. The test outlet shall be ASTM A-285 Grade C or ASTM A-36 steel, threaded for a 3/4-NPT test plug, and MIG welded to the branch. The test plug shall be a Teflon-taped, 3/4-NPT brass plug. The tapping sleeve shall have a flange welded to the branch with an outside seam MIG weld. The flange shall be ASTM A-285 Grade C or ASTM A-36 steel, meeting ANSI/AWWA C-207 Class D, ANSI B-16.5 Class 150 mating to ANSI B-16.1 Class 125 with recessed I.D. to accept flanged tapping valves. The flange gasket shall be virgin SBR and shall be attached to the flange with contact cement. The Back shell section shall be attached to the Top shell section using ASTM A-242 low alloy steel (or optional Xylan coated 18-8 T-304 stainless steel) heavy hex nuts. The washers shall be ASTM A-242 low alloy steel (or optional 18-8 T-304 stainless steel). The bolts shall made of low alloy steel meeting ASTM A242 and AWWA C-111 ANSI A-21.11 (or an optional 18-8 T-304 stainless steel) and shall be 3/4-10 thread, oval-neck track bolts. All metal surfaces to be finished with certified ANSI/NSF 61 epoxy coating. The tapping sleeve shall be CFT series as manufactured by Cascade Waterworks Mfg. Co. of Yorkville, IL or approved equal.

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