NOTE:
1. LUG DESIGN ALLOWS MAXIMUM CLEARANCE BETWEEN PIPE OR FLANGE HUB OD AND LUG.
2. EACH TIE ROD REQUIRE 2 LUGS, ONE LOCATED ON THE OUTSIDE OF EACH FLANGED CONNECTION.
3. HARNESS PLATE IS 1" THICK. MATERIAL: STEEL A36, STAINLESS A240 TYPE 304 OR 316.
4. TIE ROD SIZE IS Ø1.0", TIE ROD MATERIAL = ASTM A193 B7, (ALLOY STEEL), B8 (304 SS), OR B8M (316 SS).
5. COATING: BARE, SHOPCOAT PAINT, OR NSF 61 FUSION BONDED EPOXY, BLACK.
6. 4 NUTS REQUIRED PER TIE ROD, (DOUBLE NUT CONFIGURATION.)
7. MEETS SPECIFICATION "P110".
8. SPECIFY TIE ROD LENGTH WHEN ORDERING.
9. FLANGE BOLT SHALL BE GRADE 8 OR BETTER.

"ØF" BOLT CIRCLE MATCHES AWWA C207 CLS D & E, ANSI B16.1 CLS 125, ANSI B16.5 CLS 150.

FLANGE OD "FOR REFERENCE"