

| REVISIONS | | | |
|-----------|-------------|-------|-----------|
| REV. | DESCRIPTION | DRAWN | DATE |
| A | FIRST DRAFT | VSC | 11/9/2016 |

CLASS 300

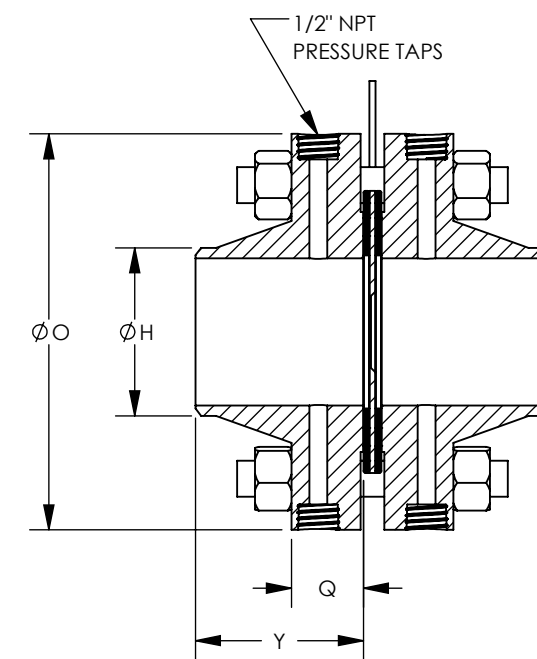
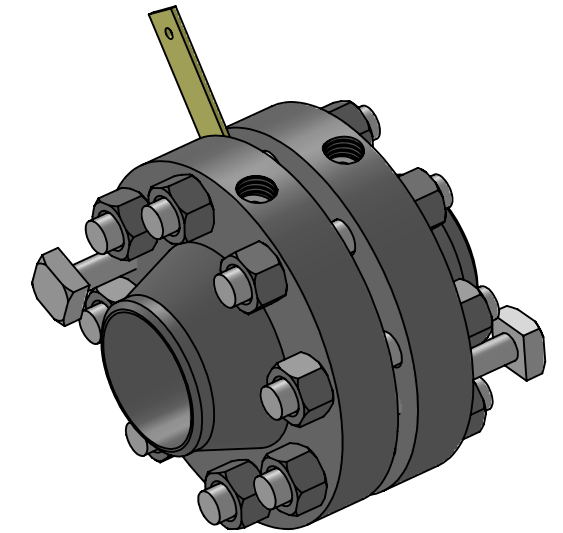
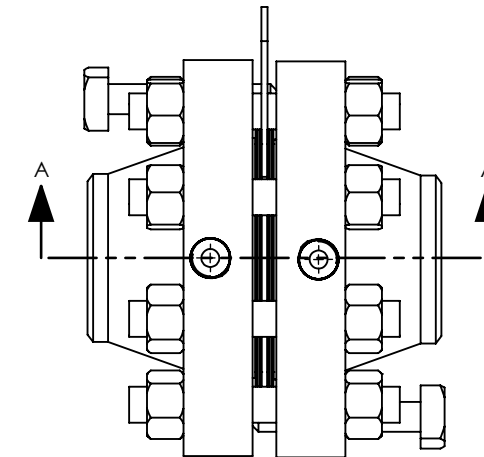
| NOMINAL PIPE SIZE | OUTSIDE DIAMETER O | DIAMETER AT WELDING POINT H | FLANGE THICKNESS Q | LENGTH THROUGH HUB Y | NUMBER OF HOLES | DIAMETER OF BOLTS |
|-------------------|-----------------------|-----------------------------------|-----------------------|----------------------------|-----------------|----------------------|
| 1 | 4.88 | 1.32 | 1.50 | 3.25 | 4 | 5/8 |
| 1.5 | 6.12 | 1.90 | 1.50 | 3.38 | 4 | 3/4 |
| 2 | 6.50 | 2.38 | 1.50 | 3.38 | 8 | 5/8 |
| 3 | 8.25 | 3.50 | 1.50 | 3.50 | 8 | 3/4 |
| 4 | 10.00 | 4.50 | 1.50 | 3.63 | 8 | 3/4 |
| 6 | 12.50 | 6.63 | 1.50 | 3.94 | 12 | 3/4 |
| 8 | 15.00 | 8.63 | 1.63 | 4.38 | 12 | 7/8 |
| 10 | 17.50 | 10.75 | 1.88 | 4.63 | 16 | 1 |
| 12 | 20.50 | 12.75 | 2.00 | 5.12 | 16 | 1 1/8 |
| 14 | 23.00 | 14.00 | 2.12 | 5.63 | 20 | 1 1/8 |
| 16 | 25.50 | 16.00 | 2.25 | 5.75 | 20 | 1 1/4 |
| 18 | 28.00 | 18.00 | 2.38 | 6.25 | 24 | 1 1/4 |
| 20 | 30.50 | 20.00 | 2.50 | 6.38 | 24 | 1 1/4 |
| 24 | 36.00 | 24.00 | 2.75 | 6.63 | 24 | 1 1/2 |

Q AND Y INCLUDES RAISED FACE

CLASS 600

| NOMINAL PIPE SIZE | OUTSIDE DIAMETER O | DIAMETER AT WELDING POINT H | FLANGE THICKNESS Q | LENGTH THROUGH HUB Y | NUMBER OF HOLES | DIAMETER OF BOLTS |
|-------------------|-----------------------|-----------------------------------|-----------------------|----------------------------|-----------------|----------------------|
| 1 | 4.88 | 1.32 | 1.75 | 3.50 | 4 | 5/8 |
| 1.5 | 6.12 | 1.90 | 1.75 | 3.63 | 4 | 3/4 |
| 2 | 6.50 | 2.38 | 1.75 | 3.63 | 8 | 5/8 |
| 3 | 8.25 | 3.50 | 1.75 | 3.75 | 8 | 3/4 |
| 4 | 10.75 | 4.50 | 1.75 | 4.25 | 8 | 7/8 |
| 6 | 14.00 | 6.63 | 2.12 | 4.88 | 12 | 1 |
| 8 | 16.50 | 8.63 | 2.44 | 5.50 | 12 | 1 1/8 |
| 10 | 20.00 | 10.75 | 2.75 | 6.25 | 16 | 1 1/4 |
| 12 | 22.00 | 12.75 | 2.88 | 6.38 | 20 | 1 1/4 |

Q AND Y INCLUDES RAISED FACE



SECTION A-A

UNLESS OTHERWISE SPECIFIED

DIMENSIONS ARE IN INCHES



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ORIFICE FLANGES
WELDING NECK, CLASS 300 & 600

DATE: 11/9/2016

DWG. NO. SUB-8189

SCALE: NTS

REV: A PAGE 1 OF 1