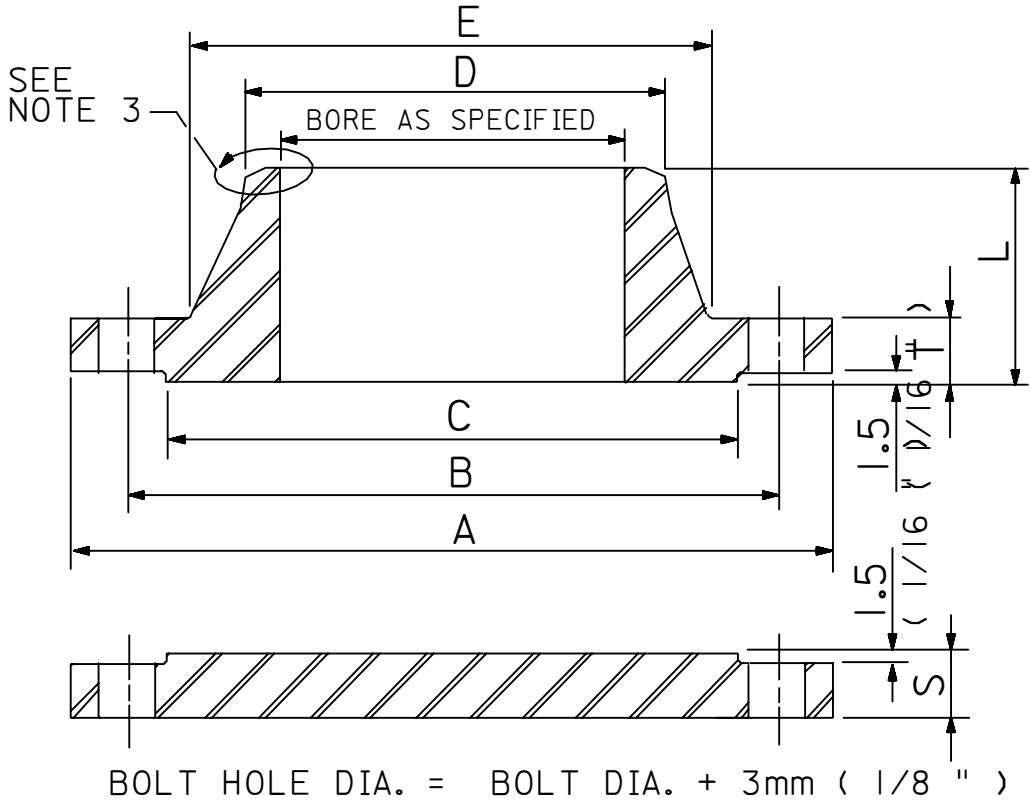
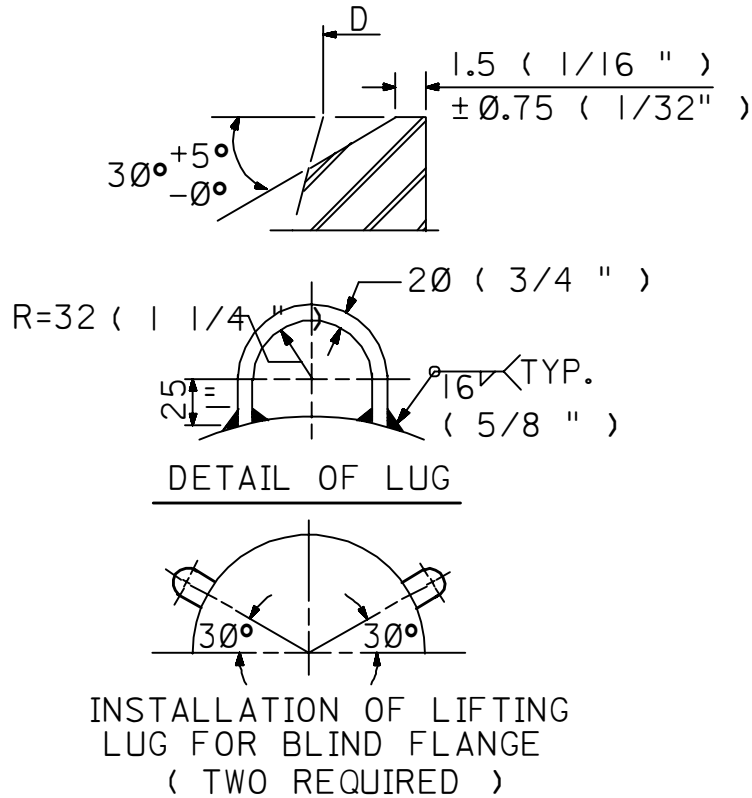


15	1001	166920-DV	7	066
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NOTES:

- DIMENSIONAL TOLERANCES NOT SHOWN, MARKING, FINISHES AND SPOUACING SHALL CONFORM TO ASME B16.5 LATEST EDITION, EXCEPT TOLERANCE ON MAX. BORE + 0,-3mm (1/8 "), TOLERANCE ON FLANGE OUTDIAMETER ±3.2 (1/8 "), AND GASKET CONTACT SURFACE HAVE A FINISH IN THE RANGE BETWEEN 3.2 (125) AND 6.4μ-m. (250 μL in.) RA (SEE ASME B46.1) AS JUDGED BY VISUAL COMPARISON.
- DIMENSIONS FOR SIZES LARGER THAN 36" ARE EXTRAPOLATED FROM MSS-SP-44 AND DO NOT CORRESPOND WITH MSS-SP-44-1982. FOR DRILLING TEMPLATE FOR SIZES 54" AND 60" IS COPIED FROM MSS-SP-44-1982.
- HUB TO BE SINGLE TAPER TYPE. BORE (EQUAL TO MATCHING PIPE I.D.) TO BE SPECIFIED IN PURCHASE ORDER.
- MATERIALS:
WELD NECK FLANGES SHALL BE IN ACCORDANCE WITH 02-SAMSS-011 AND THE PURCHASE ORDER.

BLIND FLANGES SHALL BE 52 KSI SMYS, ASTM A694 F52 FORGINGS, OR PLATE IN ACCORDANCE WITH ASTM A737 GR C. OR EQUAL. BLIND FLANGES THAT ARE QUENCHED, SHALL BE TEMPERED AT 600°C MINIMUM.
- FOR BLIND TO W.N. FLANGE CONNECTION INCREASE BOLT LENGTH WITH DIFFERENCE BETWEEN 'S' AND 'T' DIMENSION.
- MARK BLIND FLANGES PER MSS SP-25, AND WITH THIS DRAWING NUMBER.

DWG. RESPONSIBILITY: PIPING STANDARDS COMMITTEE

15	DEC 99	EDSD WED		REVISED NOTE 1.			
14	07-24-96	ESSD WAS		REVISED NOTES 4 AND 6.	ORIGINAL SIGNED	ORIGINAL SIGNED	ORIGINAL SIGNED
13	03-20-94	ESSD CAC		REVISED NOTES 4 AND 6.	ORIGINAL SIGNED	ORIGINAL SIGNED	ORIGINAL SIGNED
12	04-21-90	ESSD RLO		REVISED NOTES AND ADDED NOTE-6.	ORIGINAL SIGNED	ORIGINAL SIGNED	ORIGINAL SIGNED
REV. NO.	DATE	BY	JO/EWO	DESCRIPTION	CHKD.	CERT.	APPD.

SAUDI ARABIAN OIL COMPANY

DRAWN BY NM CHECKED BY SCALE NONE
DATE STARTED DATE COMPLETED 10-07-71
OPRG. DEPT. ENG. DEPT. ORIGINAL SIGNED
APPD. FOR CONSTR.

THIS DRAWING IS NOT TO BE USED FOR CONSTRUCTION OR FOR ORDERING MATERIAL UNTIL CERTIFIED AND DATED
CERTIFIED BY DATE

DETAILS OF LARGE SIZE

W.N. FLANGES AND BLIND FLANGES

CLASS 300 R.F.

STD. DWG.

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