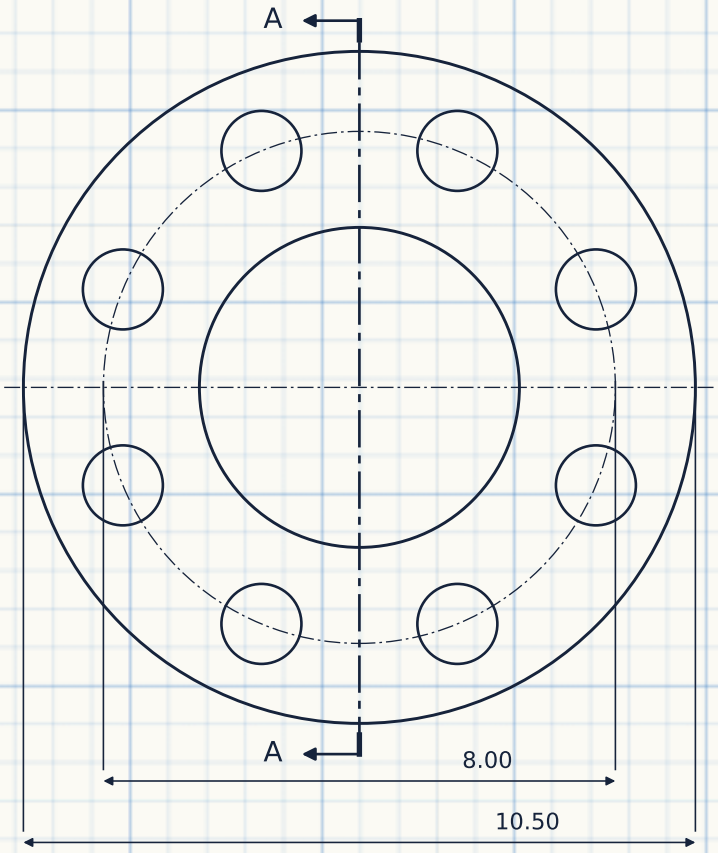
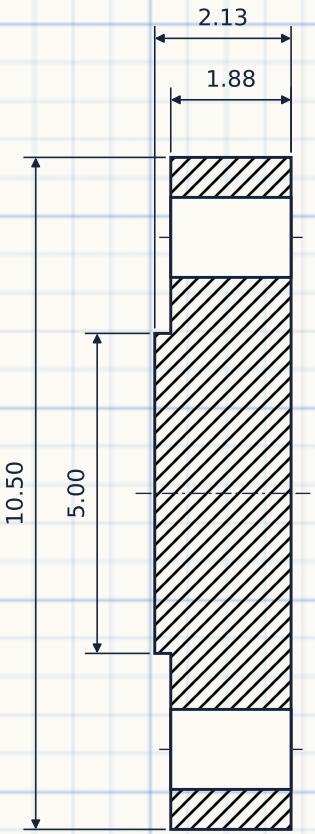
3" CLASS 1500 RF BLIND FLANGE

8 HOLES Ø1.25 (1-1/4") ON Ø8.00 B.C.

HOLES STRADDLE CENTERLINES



FRONT VIEW



SECTION A-A

01 DIMENSIONS (INCHES)

DIMENSION	VALUE	TOLERANCE
Outside diameter	10.50	—
Thickness at OD, tf, excl. RF	1.88	+0.12/−0.00
Overall thickness incl. RF	2.13	—
Raised face diameter	5.00	±0.02
Raised face height	0.25	—
Bolt circle diameter	8.00	±0.06
Number of bolt holes	8	—
Bolt hole diameter	1.25 (1-1/4)	—
Bolt diameter	1-1/8	—
Stud bolt length	7.00 calc.	—

02 NOTES

1 Thickness tf: at the OD to the flange edge plane, excl. the 0.25" (1/4") RF (B16.5 paras. 6.4.2.1, 6.4.2.2, Fig. 6); para. 7.4 tolerance.

2 Section A-A: bolt holes rotated into cutting plane.

3 Stud bolts: 8 × 1-1/8" × 7.00" long calc., B16.5 Table 19C, raised face column. Length excludes points (para. 6.10.2).

4 Tolerances per B16.5 section 7 (paras. 7.3–7.8); "—" = none listed. Adjacent bolt holes ±0.03; bolt circle to facing conc. 0.06; face perp. to bore 1°.

TEXAS FLANGE
texasflange.com

SHEET ID	TF-B165-BL-RF-1500-03
REV	C (not for fabrication)
REV NOTE	C: thickness at OD, LJ/THD rules, credit line
STANDARD	ASME B16.5 (current edition)
UNITS	INCHES
SCALE	1:3 (at 11x8.5 print)
DATE	22-OCT-26 (Rev A 16-OCT-26)

QR
PLACEHOLDER

3D model link

SOURCE AND CHECKS

Dimensions per ASME B16.5 (current edition). Checked by Texas Flange against our catalog by script, with two independent AI reviews and an in-house spot check. Methods: https://texasflange.com/spec-sheet-methods/