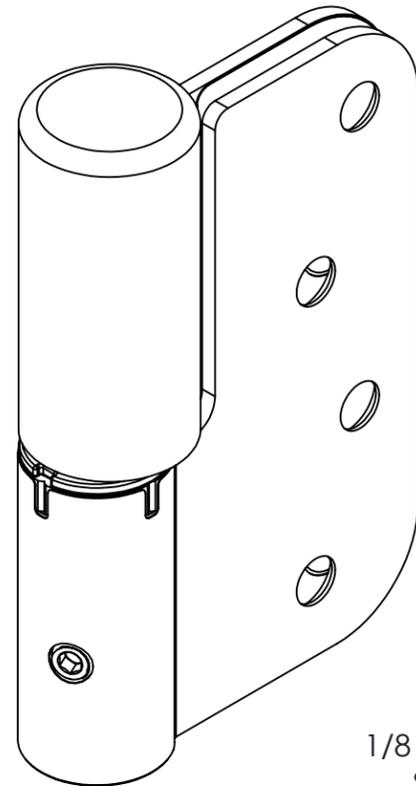
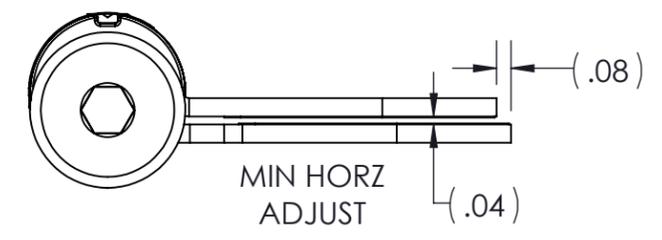
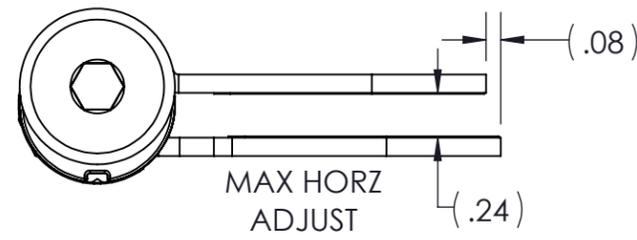
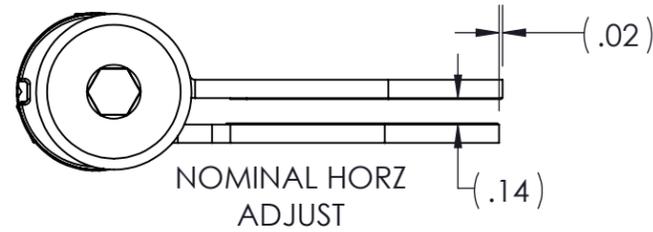
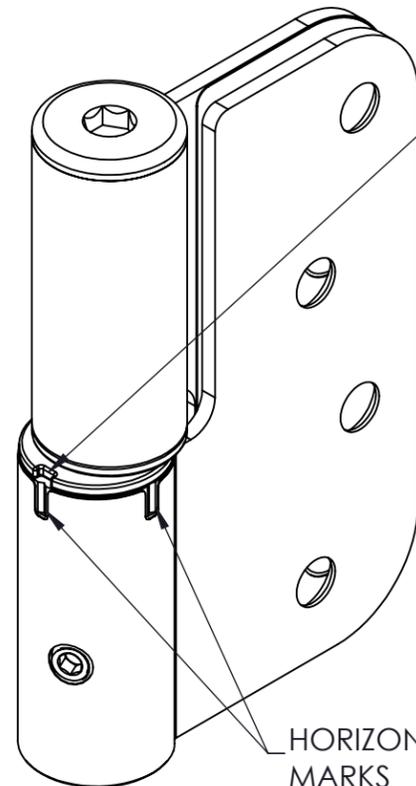


WITH OPTIONAL
DOOR LEAF COVER



WITHOUT OPTIONAL
DOOR LEAF COVER



NOM VERT
ADJUST

(.15)

1/8 HEX DRIVE
SET SCREW

MAX VERT
ADJUST

(.35)

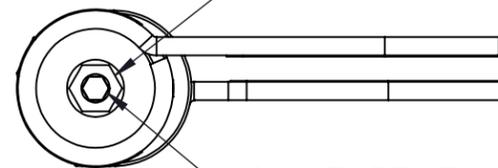
MIN VERT
ADJUST

(.07)

MIN ADJUST REQUIRES
THE REMOVAL OF
THE CENTER BUSHING

CENTER BUSHING
ALIGNMENT GROOVE

1/4 HEX DRIVE
VERT ADJUST



1/8 HEX DRIVE
HORZ ADJUST

**NOTE:
LH HINGE SHOWN.
RH IS OPPOSITE.
ORIENTATION IS OUTSIDE
LOOKING IN FOR AN
INSWING APPLICATION.**

HORIZONTAL ADJUSTMENT
MARKS

HOW TO ADJUST THE HINGE ASSEMBLY

NOTE: NO INTERACTION WITH THE UPPER LEAF IS NEEDED FOR ADJUSTMENT.

HORIZONTAL:

1. LOOSEN BOTH SET SCREWS ON THE FRAME LEAF WITH A 1/8" HEX KEY.
2. INSERT THE 1/8" HEX KEY INTO THE BOTTOM OF THE HINGE UNTIL IT BOTTOMS OUT IN THE 1/8" HEX DRIVE ON THE HINGE PIN.
3. TURN THE KEY CLOCKWISE OR COUNTER-CLOCKWISE UNTIL THE DESIRED ADJUSTMENT IS REACHED.
4. THE THREE MARKS ON THE FRAME LEAF BARREL ALIGN WITH A GROOVE IN THE CENTER BUSHING TO INDICATE THE ADJUSTMENT LEVEL.
5. TIGHTEN BOTH SET SCREWS BETWEEN 15-20 IN-LBS.

VERTICAL:

1. LOOSEN BOTH SET SCREWS ON THE FRAME LEAF WITH A 1/8" HEX KEY.
2. INSERT A 1/4" HEX KEY INTO THE BOTTOM OF THE HINGE UNTIL IT BOTTOMS OUT IN THE 1/4" HEX DRIVE ON THE VERTICAL ADJUSTMENT SCREW.
3. TURN THE KEY CLOCKWISE OR COUNTER-CLOCKWISE UNTIL THE DESIRED ADJUSTMENT IS REACHED.
4. THE SPACE BETWEEN THE TWO LEAF BARRELS INDICATES THE VERTICAL ADJUSTMENT POSITION.
5. RE-CHECK HORIZONTAL ADJUSTMENT THEN TIGHTEN BOTH SET SCREWS BETWEEN 15-20 IN-LBS.

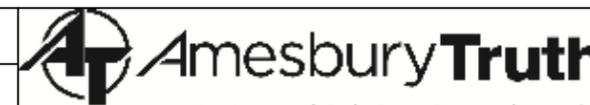
MATERIAL: VARIOUS

FINISH:

HEAT TREAT:

SURFACE AREA:
IN²

WEIGHT:
LBS



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THIRD ANGLE
PROJECTION



INTERPRET PER:
ASME Y14.5M-2009
UNITS: INCH
TOLERANCES UNLESS
OTHERWISE SPECIFIED

2 PL. ± .015
3 PL. ± .005
ANGULAR TOL. ± 1°

⬡ = CRITICAL DIMENSIONS

DRAWING TITLE:
V-500 HINGE ASSEMBLY CUSTOMER PAGE

DRAWN: CRA

ENG:

CAD TYPE:
SOLIDWORKS

SIZE:
B

SCALE: 1:1

DRAWING #:
V-500-1L

SHEET 1 OF 2

REV