180 DEGREE OPENING - STANDARD BACKSET WITH MATERIAL APPLIED TO DOOR & FRAME

180 DEGREE OPENING WITH NO BACKSET AND MATERIAL APPLIED TO DOOR & FRAME

90 DEGREE OPENING - STANDARD BACKSET WITH MATERIAL APPLIED TO DOOR ONLY

90 DEGREE OPENING - STANDARD BACKSET WITH MATERIAL APPLIED TO FRAME ONLY

DOTS SHOW ANY THICKNESS CAN BE USED FOR 90° OPENING

A 45° BEVEL ON APPLIED MATERIAL, WITH A THICKNESS LESS THAN HALF THE MAX. DOOR CLEARANCE, WILL PROVIDE 180° DOOR OPENING. SEE HINGE TEMPLATE DRAWING FOR DOOR CLEARANCE AT 180 DEGREE OPENING.

CLEARANCE REDUCES TO APPROXIMATELY 1/64 INCH AS DOOR APPROACHES THE FRAME UPON OPENING. BEYOND THAT POINT THE CLEARANCE INCREASES TO THE MAXIMUM CLEARANCE WHEN THE DOOR REACHES ITS FULLY OPEN POSITION AT 180 DEGREES. SEE THE HINGE TEMPLATE DRAWING FOR THAT DIMENSION. IF THE TEMPLATE "E" DIMENSION IS EXCEEDED THE DOOR WILL HIT THE JAMB AND BIND. SEE HINGE CATALOG FOR DIMENSION "E".

MATERIAL APPLIED TO DOOR AND/OR FRAME AND EFFECT ON DEGREE OF DOOR OPENING

DO NOT SCALE DRAWING

U.I.P. 
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One Coreyway Drive
Painesville, Ohio 44077-0628

SOSS INVISIBLE HINGE

SCALE: NONE
DRAWN BY: NNM
DATE: 5/01/11
DRAWING #4477-C

OPEN CLEARANCE DETAIL