



UNLESS OTHERWISE SPECIFIED:  
DIMENSIONS IN MM

TOLERANCES:  
 $.XX \pm .01$      $.XXX \pm .005$   
 FRACTIONS  $\pm 1/64$   
 ANGULAR MACHINED  $\pm .5^\circ$   
 ANGULAR BEND  $\pm 1^\circ$

SURFACE FINISH  $\sqrt{125}$   
 BREAK ALL EDGES  $.030$

DO NOT SCALE

SHEET 1 OF 1



CASE SCHOOL  
OF ENGINEERING

CASE WESTERN RESERVE  
UNIVERSITY

TITLE:

VALVE SEAT

SIZE:

**A**

DATE:

12/11/2025

DRAWN BY:

B. SELTZ

MATERIAL:

316 STAINLESS

PART #:

CH-011

REV:

A