



REVISIONS		
REV	DESCRIPTION	DATE

#### NOTES:

- 1.005 BORE TO FIT OD OF P/N -103.
- .630 BORE TO FIT OD OF P/N -104.
- O-RING SURFACE BETWEEN DIAMETERS OF 3.10 & 3.43".
- MAKE FROM PLATE.

#### UNLESS OTHERWISE SPECIFIED:

DIMENSIONS ARE IN INCHES  
DECIMAL TOLERANCES:

.X  $\pm .030$  .XX  $\pm .015$  .XXX  $\pm .005$

ANGULAR TOL:  $\pm 1^\circ$  SURFACE ROUGHNESS:  $63/\sqrt{\text{ }}$

INTERNAL AND EXTERNAL SURFACE  
INTERSECTIONS SHALL BE UNIFORMLY  
FINISHED WITH CHAMFER .005/.010 @  $45^\circ$   
OR RADIUS .005/.010.  
CHAMFER ALL THREADED HOLES  $110^\circ$  OF  
MAJOR DIAMETER  $\times 45^\circ$

MATERIAL: **304 SST**

FINISH: **NONE**

## High Precision Devices

1668 Valtac Lane, Suite C, Boulder, Colorado 80301  
Phone: (303) 447-2558 Fax: (303) 447-2548 Web Site: [www.hpd-online.com](http://www.hpd-online.com)

TITLE:

**p02101-102 vacuum port cover, precooled**

CONFIGURATION: **0-Default**

SIZE	QTY PER ASSM:	SCALE:	SHEET	OF	REV
<b>A</b>	<b>1</b>	<b>1:1</b>	<b>1</b>	<b>OF 1</b>	<b>A</b>
DATE:	<b>5/20/2004</b>	DRAWN BY:	<b>C. Danaher</b>		