

Part #	OD mm	OD inch	ID mm	ID inch	L mm	L inch
YB-122-1	12.0	0.47	4.8	0.19	7.0	0.28
YB-123-1	29.0	1.14	23.9	0.94	6.4	0.25
YB-124-1	29.0	1.14	23.9	0.94	12.8	0.50
YB-125-1	29.0	1.14	23.9	0.94	9.7	0.38

**CONFIDENTIAL & PROPRIETARY INFORMATION**  
 This document contains Confidential and Proprietary Information of Alliance LLC, and all design, manufacturing, reproduction, use, and sale rights of such information are expressly reserved

1. MAGNET PROPERTIES:

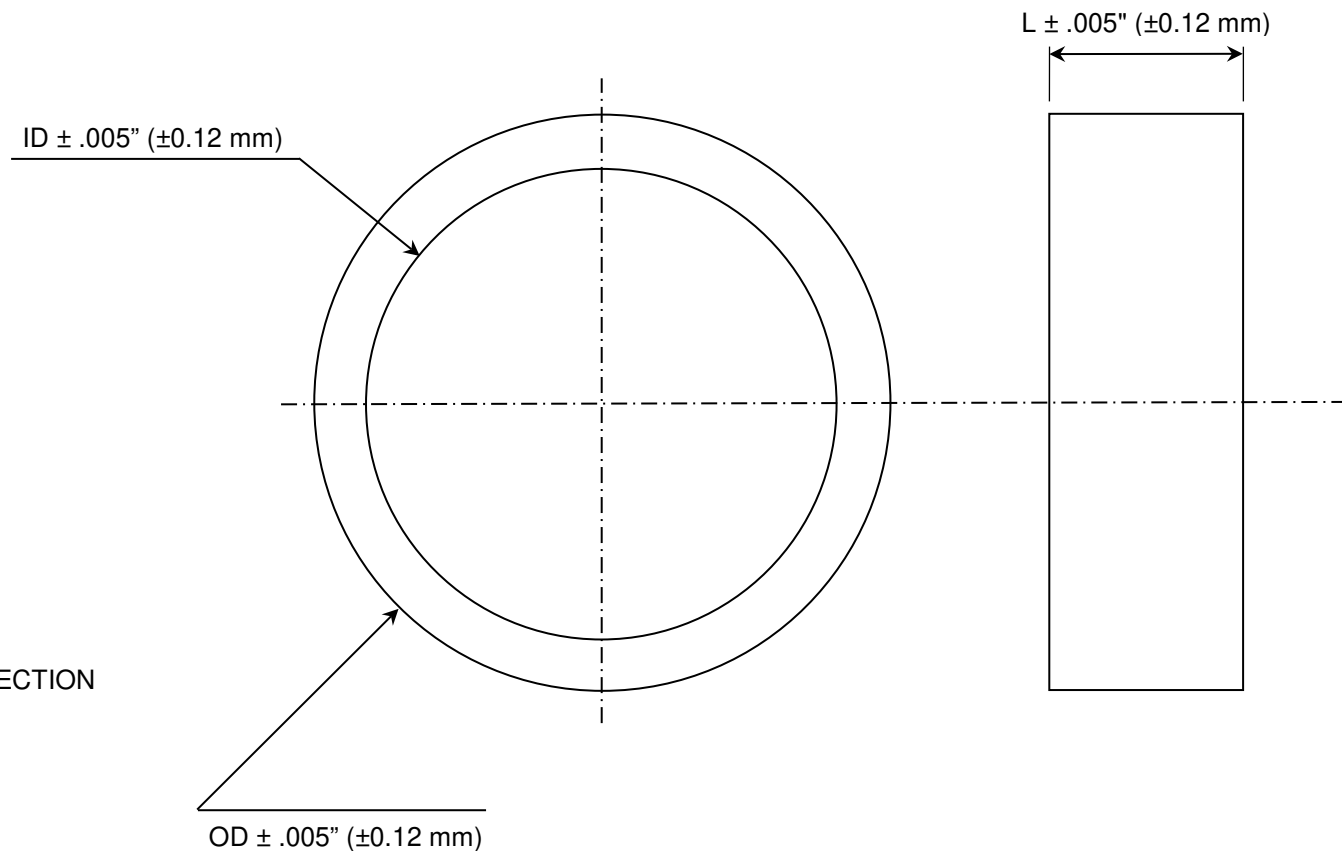
Bonded NdFeB (Compression):

BCN-10

Br: 6,800-7,200 G  
 Hc: 5,500-6,000 Oe  
 Hci: 8,500-10,000 Oe  
 BH<sub>(max)</sub>: 10-11 MGOe

2. EPOXY COATED

3. MAGNETIZATION IN ANY DIRECTION



Rev	Date	By

**TOLERANCES**  
 (UNLESS OTHERWISE NOTED)

DECIMAL	METRIC
X.XX = ± .01	X.X = ± .25
X.XXX = ± .005	X.XX = ± .13

**ANGLES**  
 ± .5°

DO NOT SCALE DRAWING

<b>Alliance LLC</b>		
1450 CLARK DRIVE, VALPARAISO, INDIANA 46385		
DESCRIPTION: BONDED MOTOR MAGNET		
<b>P/N: YB-12X-X</b>		<b>Bonded NdFeB</b>
MATERIAL: MQB	Dwg by: BT	REV LEVEL: A
COATING: EPOXY	Apr by: DV	Apr. Dated: 03-14-2020