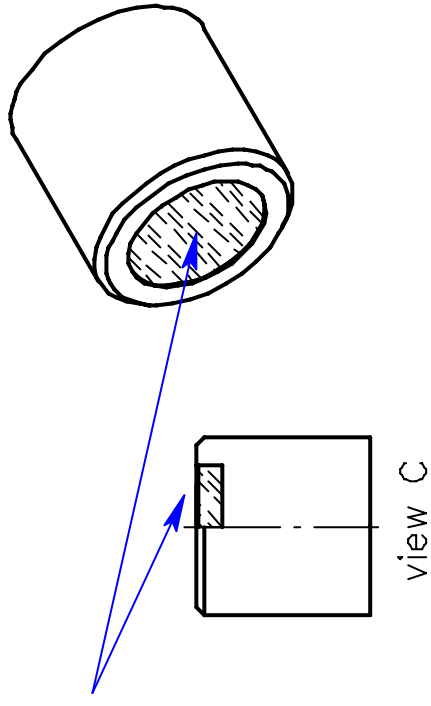


Assembled Loading and Testing Wand



magnets 18DRE1606,
thickness 0.101 inch

view C

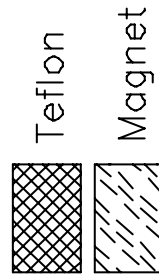
Assembly Instructions

ASS

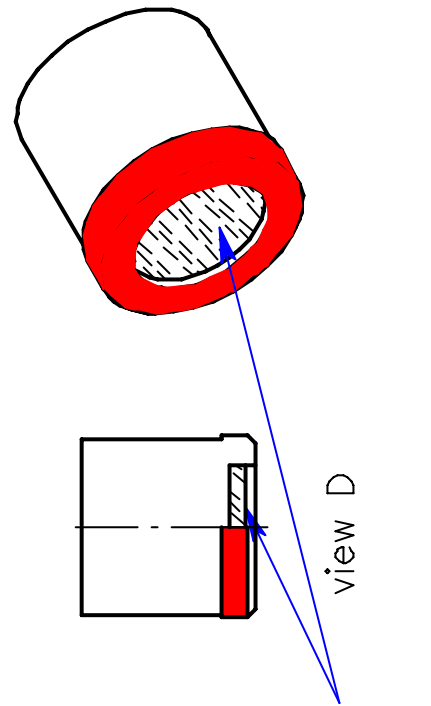
1. Glue in the magnets with cryo-epoxy. The thin magnet is inserted into the 'wand inserter' piece that is red Alu anodized.

2. Use loctite instant adhesive when threading the inserter and remover pieces into the Teflon handle. The Teflon has not been threaded for a tighter fit.

make up the...

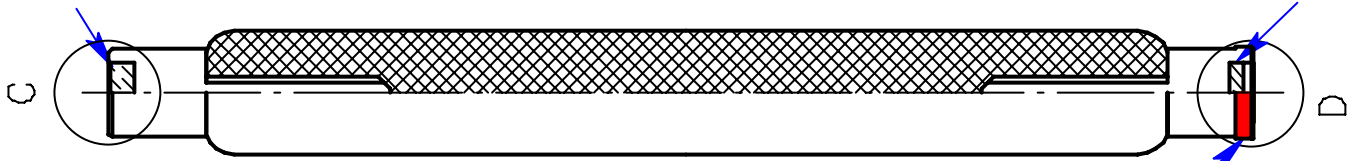


hard red anodize

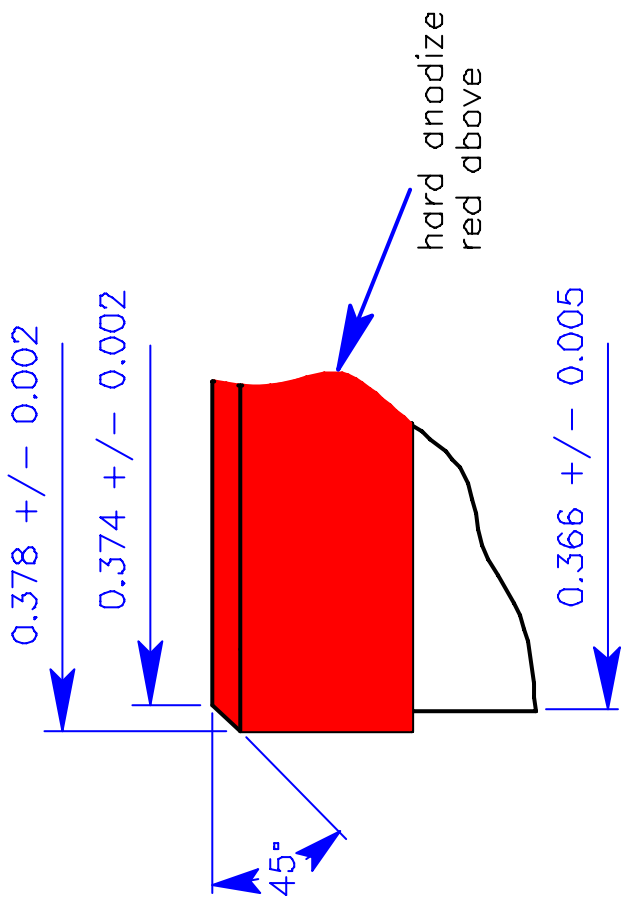


magnets 18DRE1604,
thickness 0.06 inch

view D

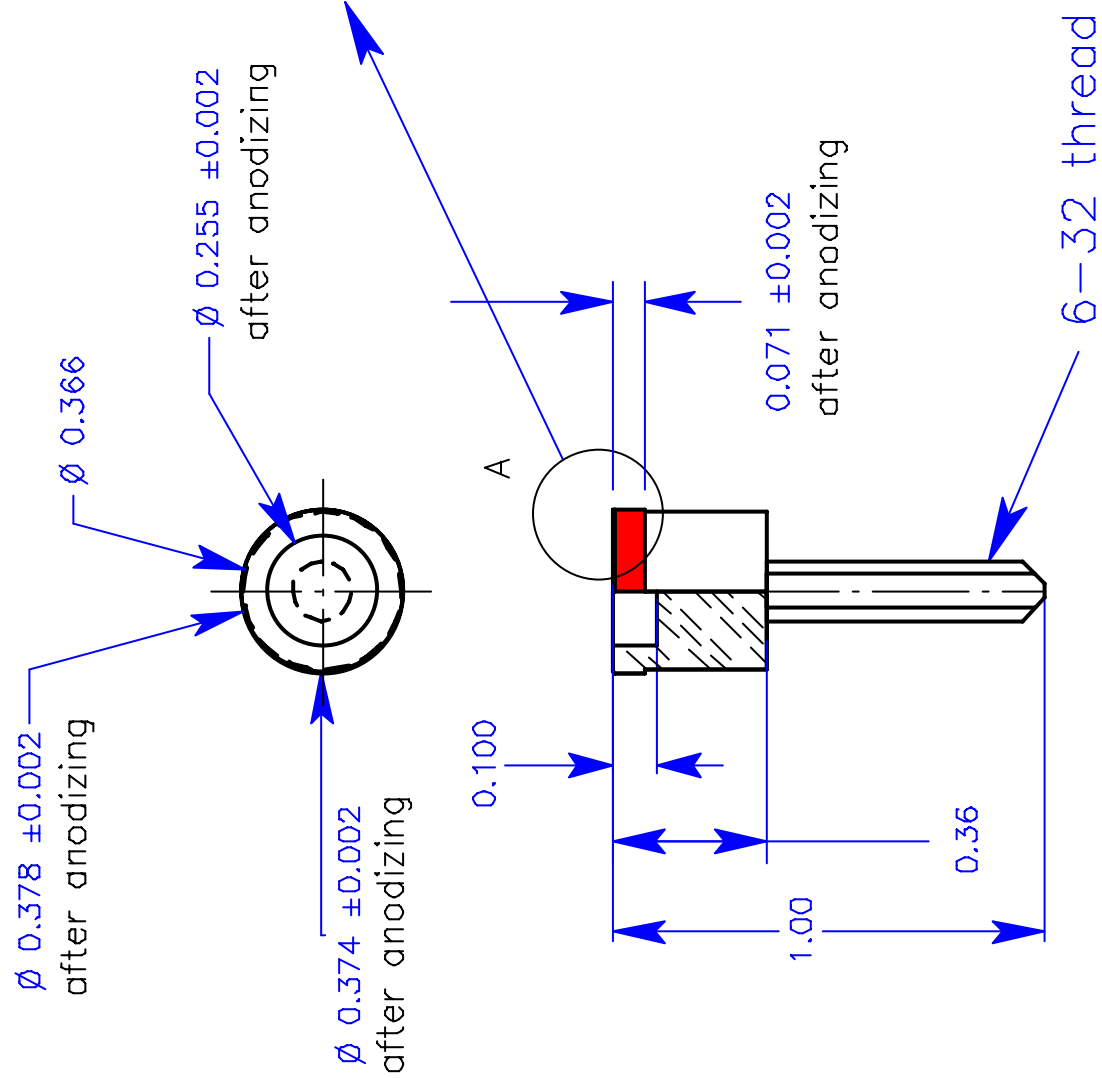


Wand's tester/inserter



View A

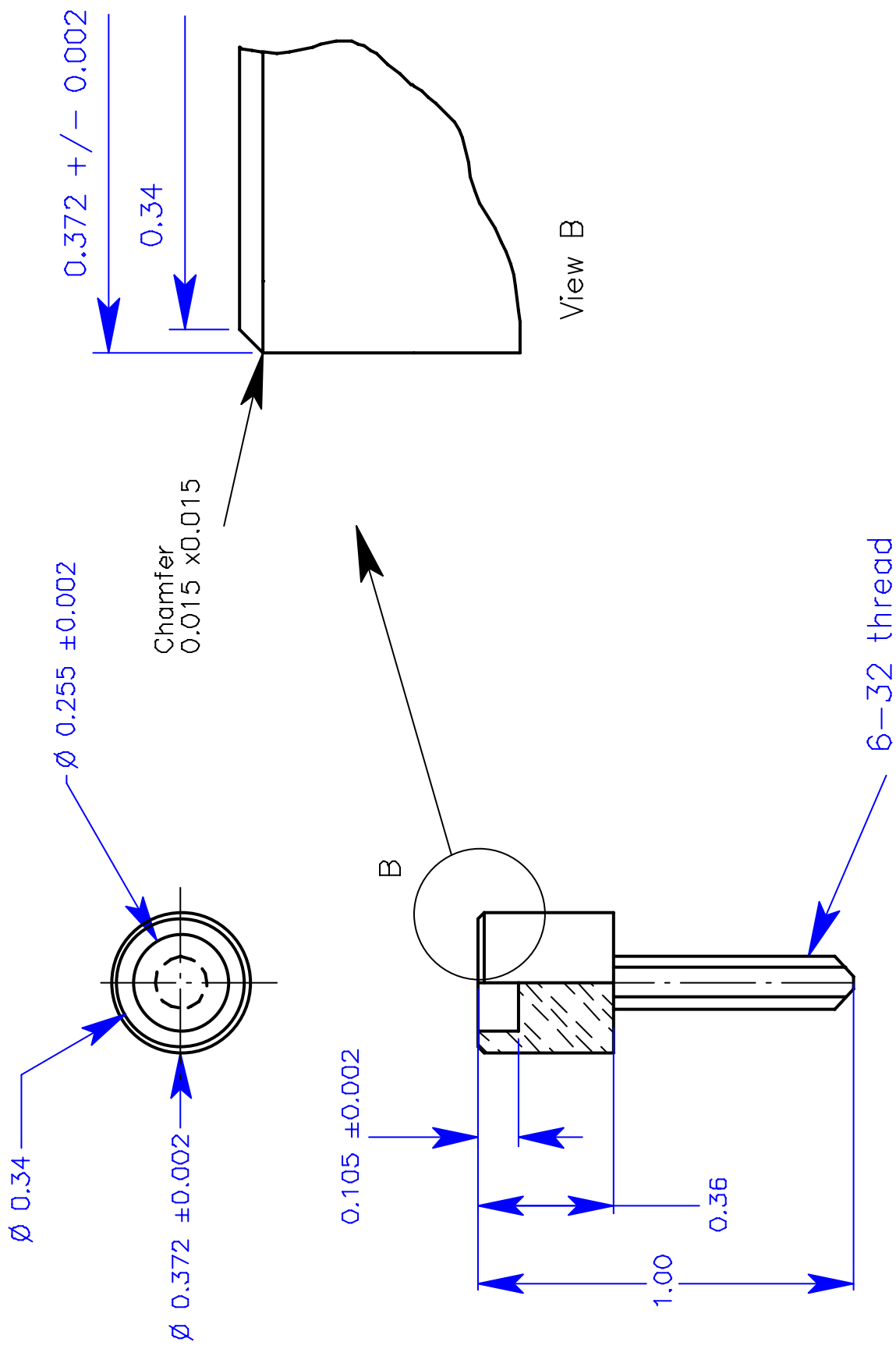
1. Take into account that hard anodizing will add 0.001 inch to all surfaces.
2. Hard anodize red.
3. Machine again leaving the red color only at the top of the pin tester, see view A. The threads may remain red.



Units: inch
 Tol: x.xxx \pm / - 0.005
 x.xx \pm / - 0.01

Material: Al

Wand's remover



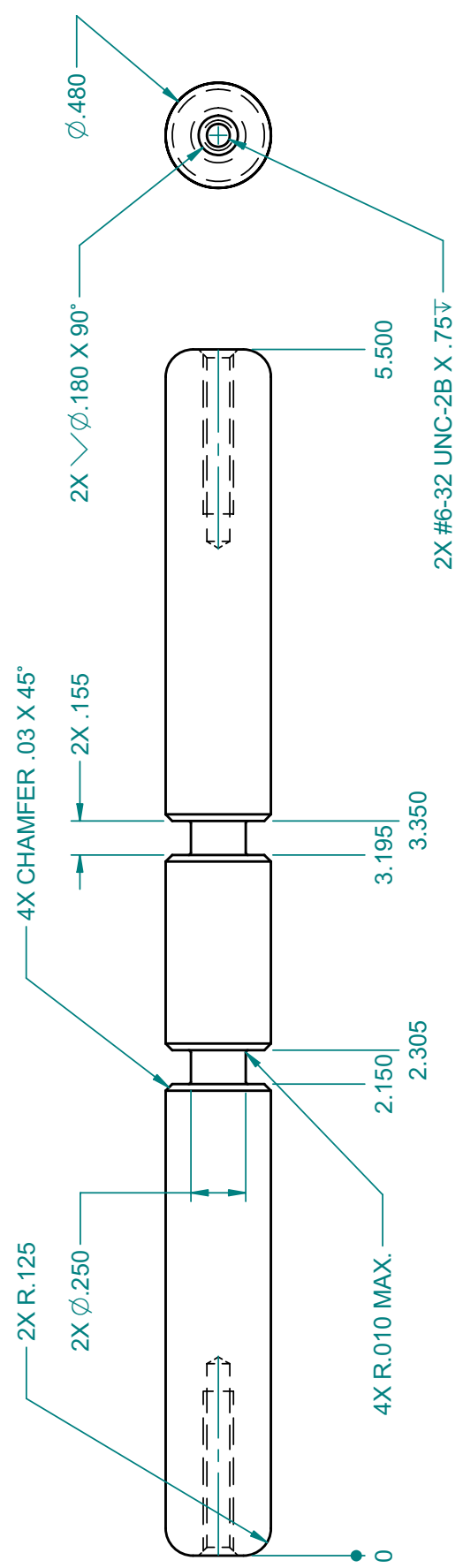
Units: inch
Tol:xx +/- 0.01

Material: Al

B 0

REV	DESCRIPTION	DWN	CHK	APP	V	DATE
0						

MATERIAL: TEFLON



SCALE: 2:1	DO NOT SCALE DRAWING	CAD FILE NAME: loading alignment tool-teflon wand.dft
DIMENSIONING AND TOLERANCING IS IN ACCORDANCE WITH ASME Y14.5M-1994.	STANFORD SYNCHROTRON RADIATION LABORATORY U.S. DEPARTMENT OF ENERGY	LOADING ALIGNMENT TOOL TEFLON WAND HANDLE
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES. TOLERANCES: BREAK EDGES .005-.015 INTERNAL CORNERS R.015 MAX	SLAC, STANFORD UNIVERSITY STANFORD, CALIFORNIA	
FRACTIONS ± --- DEC .XXX ± .01 .XXXX ± .005	ENGR SSRL-SMB-PX-PROTOTYPE GROUP DWN --- CHFR --- 2/24/06	
ANGLE 125° ALL SURF √	APPROVALS	DRAWING NUMBER
NEXT ASSEMBLIES:		REVISION NUMBER
		0
		B

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