



Material	RPM	Max Speed
Ti 6/4 (annealed)	14500	m/s 366
17-4 PH H1150 condition	14500	366
15-5 PH H1150 condition	14500	366
Stellite 6	14500	366
In 718	14500	366

ITEM NO.	PART NO.	DESCRIPTION	QTY.
1	12295-01	SAMPLE HOLDER	1
2	93985A319	SHOULDER SCREW STAINLESS STEEL	1
3	12295-03	WASHER	2
4	12295-02	FLAT SAMPLE	1
5	90237A005	HEX NUT STAINLESS	1
6	120-4F-10	3/8-24 X 1 1/4 LG. SHCS	2

**THIRD ANGLE PROJECTION**

**APPROVALS**

DESIGNED	DATE
CHECKED	10-03-11
RELEASED	
REWORK	
REVISION	

**DIMENSIONS ARE IN INCHES**

DO NOT SCALE THE DRAWING

UNFINISHED TOOL

X ± .005  
XX ± .003  
XXX ± .002

ANGLE ± .01°

RADIUS OR CHAMFER ALL SHARP EDGES .015 MAX

MATCH SURFACES .025 RMS

CONCENTRICITY .005 MR

**BARBOUR STOCKWELL INCORPORATED**  
55 SOUTH ROAD, WOBURN, MA, 01801, USA

SAMPLE HOLDER ASSEMBLY

SIZE: 12295-00  
REV: D  
DATE: 10-03-11  
12295-00 - Sample Holder Assembly - Sheet 1 of 1

TORQUE (6) TO 50 LBF\*LBM  
USE BOLT WITH A MIN TENSILE STRENGTH OF 180 KSI

REV.	DATE	DESCRIPTION
1	11/25/11	
2	10/26/11	
3	2/12/12	

BREAK ALL SHARP EDGES TO A MAX  
MAY OVERSEE RADIUS FOR FINISHES OTHERWISE NOTED  
TOLERANCES UNLESS OTHERWISE SPECIFIED  
ALL DIMENSIONS UNLESS OTHERWISE SPECIFIED

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