8 x Ø.272 x .6 DEEP
.313-18UNC-2B x .40 DEEP
C'SINK Ø.323 x 82°
INSTALL ITEM 2 KEENSERT
.010 TO.030 BELOW SURFACE
⌖Ø.010 A B C

4 x .50 WIDE SLOT
R ENDS
⌖Ø.010 A B C

2 x .25 WIDE SLOT THRU
TO CENTER OF HOLE SHOWN IN SECT B-B
RADIUS ENDS
AT ANGLE SHOWN AT ARROWS
FOR SECTION B-B
⌖Ø.010 A B C

7 x #4(.112)-40UNC-2B x .25 DEEP
⌖Ø.010 A B C

13.000
1.475
3 x 3.261 = 9.783
4 x .157
4 x R.25
8 x R.25
.335
.500
2.259
1.150
1.208
-A-
4 x .400
3 x 2.700
3 x 1.900
2.135
3 x 3.261 = 9.783
4.715
6.522

⏥ .001
.25
.375
3.125
.50
1.60
.15
.500
.13
.472
1.470
4.000

-B-
4.902
6.522
3.518
3.261
3.261
1.065
75.0°
4.715 REF
2 x 9.0°
B
R.500
1.471
-C-
1.050
1.470 REF
1.652
2 x 1.20
5 x R.50
A
A
R.500
2 x R.75
2 x R.13
2 x .325
.303
.375
2.775
2.775
.375
2.713
.375
1.548
2 x 1.400
1.900 REF

4 x .3125-18UNC-2B TAP x .65 DEEP
Maximum Tap Drill Depth .90
DO NOT DRILL THRU
⌖Ø.010 A B C

1.850
.170
.600
.070

SECTION B–B
SCALE 1:1

Ø.344 TO DEPTH SHOWN
.375-32UNEF TO DEPTH SHOWN
C'BORE Ø.380 TO DEPTH SHOWN
C'BORE Ø.625 TO DEPTH SHOWN
⌖Ø.010 A B C

SECTION A–A
SCALE 1:1

24A3776

REQD	ITEM	PART NO.	DESCRIPTION
8	2	KN 1032	KEENSERT, 10-32 INTERNAL THREAD, CRES
1	1		ALUMINUM 6061-T6

REV	DWG	CHK	ZONE	DATE	CHANGES

UNLESS OTHERWISE SPECIFIED
TOLERANCES: X ± .1; .XX ± .02; ANGLES ± 1°; .XXX ± .005; FINISH 125
THREADS ARE CLASS 2
CHAMFER ENDS OF ALL SCREW THREADS 30° CUT 1.5 PITCH THRD RELIEF WITH ROUND NOSE TOOL ON MACHINE CUT THREADS.
BREAK EDGES .016 MAX. ON MACHINED WORK
REMOVE BURRS WELD SPLATTER & LOOSE SCALE
REFERENCES: ANSI Y14.5 & B46.1.

SHOP ORDERS
ACCT. NO.
SERIAL NO.
DATE ISSD.
DATE REQD.
NO. REQD.
DELIVER TO
SURFACE TREATMENT: DEGREASE
IDENT. METH.: TAG
DWG. BY: J.BOEHM — DATE: 93-10-15
CHK. BY: J.BERCOVITZ — DATE: 93-10-15

LAWRENCE BERKELEY LABORATORY
UNIVERSITY OF CALIFORNIA-BERKELEY
RHIC-STAR-TPC
PARTIAL SECTOR TEST
STRONGBACK SECTION

PATENT CLEAR	DWG. TYPE	SHOWN ON	SCALE	DO NOT SCALE PRINTS
	ASSEMBLY	00X0000	FULL	
MICROFILMED	DESIGN ACCT. NO.	CATEGORY CODE	DWG. NO.	SIZE / REV.
	8052-24	SR-02-04	24A3776	

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