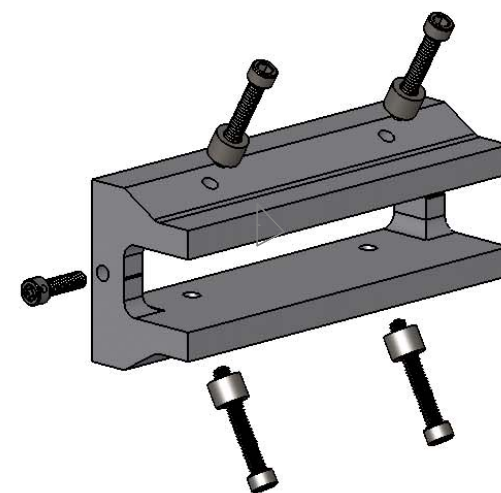
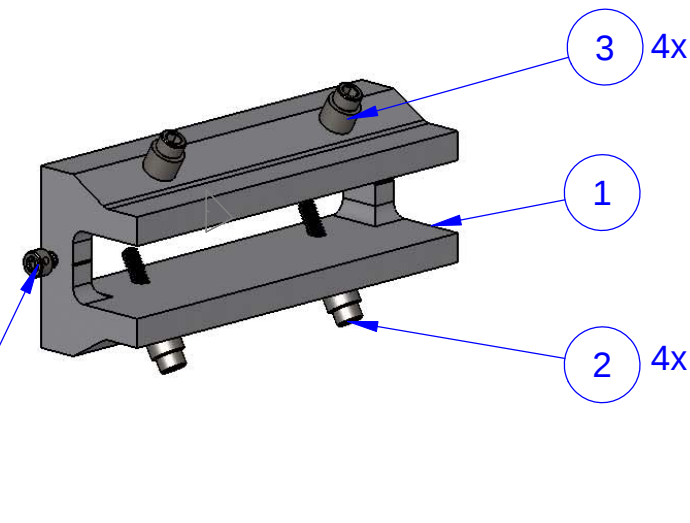
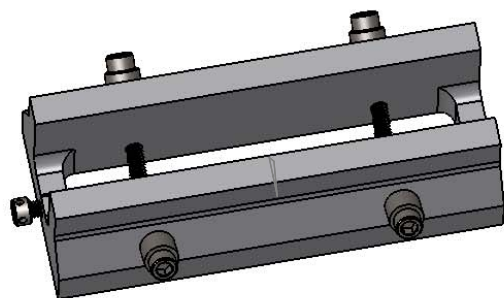
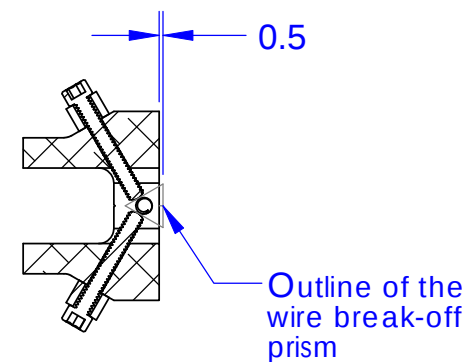
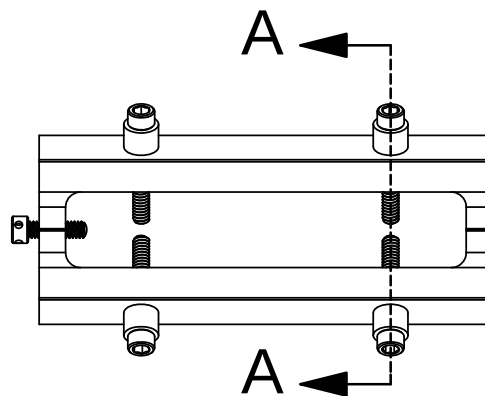
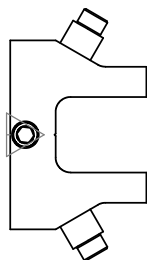


| REV. | DATE       | DCN # | DRAWING TREE # |
|------|------------|-------|----------------|
| v1   | 21/10/2010 | -     | -              |
| -    | -          | -     | -              |
| -    | -          | -     | -              |



EXPLODED VIEW



SECTION A-A

| ITEM NO. | PART NUMBER | DESCRIPTION                                | QTY. |
|----------|-------------|--------------------------------------------|------|
| 1        | D1002146    | aLIGO TCP/ERM PRISM HOLDER                 | 1    |
| 2        | D1002289    | aLIGO ERM/TCP prism holder alignment screw | 4    |
| 3        | D1002290    | aLIGO TCP/ERM Prism holder alignment bush  | 4    |
| 4        | D1002291    | aLIGO TCP/ERM prism holder fixing screw    | 1    |

## NOTES AND TOLERANCES: (UNLESS OTHERWISE SPECIFIED)

DIMENSIONS ARE IN mm

TOLERANCES:  
X ± 0.1  
XX ± 0.01

ANGULAR ± 0.2°

1. INTERPRET DRAWING PER ASME Y14.5-1994.  
2. REMOVE ALL SHARP EDGES, R.5 MIN.  
3. DO NOT SCALE FROM DRAWING.  
4. ALL MACHINING FLUIDS MUST BE FULLY SYNTHETIC, FULLY WATER SOLUBLE  
AND FREE OF SULFUR, SILICONE, AND CHLORINE.

MATERIAL

N/A

FINISH

N/A μinch

LIGO  
SYSTEM  
NEXT ASSYCALIFORNIA INSTITUTE OF TECHNOLOGY  
MASSACHUSETTS INSTITUTE OF TECHNOLOGY

aLIGO

D1002140

SUB-SYSTEM  
SUS

PART NAME

TCP/ERM prisms holder assembly

DESIGNER M.v.Veggel 30/08/2010  
DRAFTER M.v.Veggel 30/08/2010  
CHECKER R.Jones 14/10/2010  
APPROVALSIZE  
A

DWG. NO.

D1002145

REV.  
v1

SCALE: 1:1

PROJECTION:

SHEET 1 OF 1