# Bill of Material

<table>
<thead>
<tr>
<th>NO.</th>
<th>REQ'D</th>
<th>REF DRW</th>
<th>DESCRIPTION</th>
<th>MATERIAL</th>
</tr>
</thead>
<tbody>
<tr>
<td>N/A</td>
<td>15</td>
<td>SPO-016A</td>
<td>FILTER RETAINER</td>
<td>PHOS BRONZE</td>
</tr>
</tbody>
</table>

## Notes
1. Machined surface roughness 32
2. D-ring grooves and surfaces 32
3. Remove all burrs/sharp corners

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**Institute for Astronomy**

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**Institutional**

SPEX - CROSS DISPERSED SPECTROGRAPH

**Part Name:** FILTER RETAINER

**Telescope:** IRTF

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**Tolerances**

- X, X: +/- .015
- X, XX: +/- .005
- X, XXX: +/- .002
- Angle: +/- 30 mrad
- Fraction: +/- 1/32

**Draw No.:** SPO-016A

**Scale:** 4:1

**Plot Date:** 10/19/99

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**Diagram:**

- FRONT:
  - Material thickness: .02
  - Bend forks to suit filter thickness

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**Dimensions:**

- .06
- .06
- 2X R.03
- .97
- .28
- .28
- .25
- .25
- .11
- .25
- .09