**062-002**  
Heavy-duty hold-down release mechanism  
5000 lb. release preload  
Electrically redundant

---

**ELECTRICALLY REDUNDANT HOLD DOWN RELEASE MECHANISM, HEAVY DUTY**

### How To Order

<table>
<thead>
<tr>
<th>Sample Part No.</th>
<th>062-002</th>
</tr>
</thead>
<tbody>
<tr>
<td>Basic Part No.</td>
<td>Heavy Duty HDRM</td>
</tr>
<tr>
<td>Dash No.</td>
<td>Redundant Circuit</td>
</tr>
</tbody>
</table>

---

**Physical characteristics**

- **Mass**: 241 grams nominal weight with 18 inch lead wire included
- **Release component thread**: 0.250-28 UNJF-3B
- **Material list**: IAW MSFC-STD-3029
- **Epoxy**: Outgassing requirements per GSC19384

---

**Device features**

- **Redundant initiation**: 2 initiation points
- **Field refurbishable**: Initiator can be replaced in less than 15 minutes by trained personnel
- **Reliability prediction**: 0.99999995
- **Packaging**: External housing typically supplied with two mounting points. Custom housings and mountings available
- **Connectorization**: Standard design supplied with wire inputs. Connectorized versions available
- **Scalable bolt size**: Bolt size determines preload and can be scaled to accommodate a wide range of requirements

*Size callout based on the bolt size to be used. Metric thread also available. Complete test report available upon request.

---

Available 069-201 mechanical release for use in place of refurbishment initiator. Consult factory for application notes.
062-002
Heavy-duty hold-down release mechanism
5000 lb. release preload
Electrically redundant
062-002
Heavy-duty hold-down release mechanism
5000 lb. release preload
Summary of qualification test data

Maximum Source Shock Response

<table>
<thead>
<tr>
<th>Tested capability for ¼ inch unit*</th>
</tr>
</thead>
<tbody>
<tr>
<td>Nominal Release Preload</td>
</tr>
<tr>
<td>Proof Preload</td>
</tr>
<tr>
<td>Ultimate Load</td>
</tr>
<tr>
<td>Electrical resistance</td>
</tr>
<tr>
<td>Random vibration: 3 orthogonal axes</td>
</tr>
<tr>
<td>Sine vibration: 3 orthogonal axes</td>
</tr>
<tr>
<td>Actuation time</td>
</tr>
<tr>
<td>Source shock</td>
</tr>
<tr>
<td>Life test</td>
</tr>
<tr>
<td>Temperature</td>
</tr>
</tbody>
</table>

*The size callout is based off the bolt size that is to be used. Metric thread can also be called out. Complete test report available upon request

NOTES
1. Unit is identified with Glenair name, CAGE code, part number, and date code, space permitting. Primary initiation circuit identified with "P" and redundant with "R".
2. Release preload 5000 lbs. (22.4 kN)
3. Reference Glenair P/N 060-202 for refurbishment initiator
4. Qualification test complete
5. Metric threads available, consult factory for options