GRM
For High Temperature Applications

-G11 High Temp Option

High Temp Ceramic Coated Tips Option
Is your high temperature application too hot to handle?

Does lack of performance from your existing products burn you up?

Does downtime have you on the hot seat?

If so, then look no further. PHD Clamp Division has your solution! Series GRM Clamps can now be ordered with standard high temperature options specifically suited for your application. Building upon the tried and true GRM Clamp platform, high temp options include: replacement of urethane based components with all metal components, high temp seals and lube rated to 392°F (200°C), and ceramic coated tips that minimize thermal transfer from the heat source to the clamp; all available to ship within 24 hours after receipt of order.

Inferior, high temp products that command high price tags and long delivery schedules are now a thing of the past. We encourage you to contact PHD Clamp Division with your high temp application needs.

1-800-624-8511 ext. 5
**Customer must specify TA/TB option to receive high temperature tips.**

All dimensions for these options are standard. Only the high temperature compatibility changes. Refer to PHD’s all-inclusive clamps catalog for unit dimensions.

Contact us directly for the high temp option on jaw styles L and M, which require a special stop on the lower jaw.

Switches are not recommended over 158°F (70°C). Switch warranty is not available.

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### -G11 High Temperature Option

<table>
<thead>
<tr>
<th>SIZE</th>
<th>AVAILABLE ON JAW STYLES</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>S, F</td>
</tr>
<tr>
<td>4</td>
<td>S, F, G, H, J</td>
</tr>
</tbody>
</table>

G11 option comes standard with:

- All steel rotation bushing and rotation stop
- High temp seals rated to 392°F (200°C)
- High temp lube throughout

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### ADDITIONAL OPTIONS

- **BASE CLAMP NUMBER**
  - GRM
  - 2
  - T
  - S
  - 2
  - 45
  - XXX
  - 45
  - XXX
  - LAA
- **BASE CLAMP NUMBER**
  - MOUNTING
  - DESIGN NO.
  - 2 - Imperial
  - 6 - Metric
  - JAW OPENING A
  - JAW TIP OPTIONS - JAW A
  - JAW OPENING B
  - JAW TIP OPTIONS - JAW B

### -TA(B) High Temperature Ceramic Coated Tip Options

<table>
<thead>
<tr>
<th>OPTION CODE</th>
<th>JAW TIP OPTION</th>
<th>TIP COLOR EQUIVALENT</th>
<th>AVAILABLE ON CLAMP SIZE</th>
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<tbody>
<tr>
<td>TA(B)180</td>
<td>Single Diamond</td>
<td>Black</td>
<td>All</td>
</tr>
<tr>
<td>TA(B)181</td>
<td>Single Diamond</td>
<td>Silver</td>
<td>All</td>
</tr>
<tr>
<td>TA(B)182</td>
<td>Single Diamond</td>
<td>Gold</td>
<td>All</td>
</tr>
<tr>
<td>TA(B)183</td>
<td>Single Diamond</td>
<td>Red</td>
<td>2</td>
</tr>
<tr>
<td>TA(B)184</td>
<td>Double Diamond</td>
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<td>All</td>
</tr>
<tr>
<td>TA(B)185</td>
<td>Double Diamond</td>
<td>Silver</td>
<td>All</td>
</tr>
<tr>
<td>TA(B)186</td>
<td>Double Diamond</td>
<td>Gold</td>
<td>All</td>
</tr>
<tr>
<td>TA(B)187</td>
<td>Double Diamond</td>
<td>Red</td>
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<tr>
<td>TA(B)188</td>
<td>Double Cone</td>
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<td>All</td>
</tr>
<tr>
<td>TA(B)189</td>
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<tr>
<td>TA(B)190</td>
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<td>All</td>
</tr>
<tr>
<td>TA(B)191</td>
<td>Double Cone</td>
<td>Red</td>
<td>2</td>
</tr>
</tbody>
</table>

Customer must specify TA/TB option to receive high temperature tips.

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www.phdinc.com/clamps
Other High Temperature Applications

Hot-Forming/Hot-Stamping (Pick & Place)
- High performance at temps exceeding 1700°F (927°C)
- Rear manifold moves plumbing away from heat source
- Heat dissipating shields minimize radiant heat
- Specially coated tips to reflect heat

Vehicle Parts Manufacturing (Material Handling)
- High performance at 250°F (121°C)
- Spring close, pneumatic open
- Special seals and lube protect clamp from elevated temperatures
- Elongated tips for part stability

Turbine and Turbine Generator Set Units Manufacturing (Fixturing)
- Temperature of heat source up to 1000°F (538°C)
- Components coated to minimize thermal absorption and transfer
- Special seals and lube protect clamp from elevated temperatures

Contact Us: 1-800-624-8511 ext. 5