There are many challenges facing today’s oil and gas industry: high pressures, high temperatures, corrosive environments, and unstable formations. When selecting connectors and pipe, the reliability of these critical mechanisms are key components to a successful operation.

The GMC Mechanical Connector is a weld-on pin and box design. Stringently tested for tension, compression, internal and external pressure, and bending, the GMC Connector is not only one of the most tested connectors on the market, it is also qualified and verified to ISO and DNV standards.

Validated connector performance ensures that the GMC Mechanical Connector, made with high grade materials, is ideally suited for high profile, HPHT, and challenging wells, where only a high fatigue and high performance connector will withstand the most challenging of environments.

**GMC Mechanical Connector Features**

- Gas-Tight Multiple Metal-To-Metal Seals; No Elastomers
- HPHT Suitable (15,000 Psi / 350° F)
- Non-Rotational Hydraulic Make-Up Procedure
- Quick and Reliable Make-Up Within Approximately Two Minutes
- No Requirement for Additional Anti-Rotation Components
- Tested & Qualified by DNV to ISO 21329:2004
- Pile & Drive-Able Design
- Proven Stronger Than the Pipe (Pressure, Tension, Compression & Bending)
- Pre-Install Without a Drilling Rig
- Reusable
The connector make-up is a quick and automated process that requires no rotation; removing the need for casing tongs or casing running make-up tools. The connector is made up with GMC’s hydraulic make/break tooling in a quick and simple make-up procedure. In the event that the connector is to be broken out, the same process is used in reverse.

GMC Mechanical Connector Applications:

- HPHT Gas Wells
- Deepwater Subsea Well Conductors
- Platform Conductors
- Pre-Installed Driven Conductors
- Exploration & Development Well Conductors
- Tie Back Conductors
- Intermediate & Surface Casing Strings

In conjunction with our approved fabrication facilities and vendors, GMC works with our customers to provide a complete well conductor solution.

While working to agreed specifications on size, weight, coating, handling, and the installation execution, GMC provides a reliable product and service complimenting and enhancing your drilling operation.

### Casing & Well Conductor Sizes & Data

The GMC Mechanical Connector is available in sizes ranging from 6" to 60" diameters with varying wall thicknesses.

**Contact Us Today!**
**Let GMC Be Your Connected Solution!**

<table>
<thead>
<tr>
<th>GMC Connector Type/Designation</th>
<th>Pipe/Connector Size</th>
<th>Flush ID (FID) Connector</th>
</tr>
</thead>
<tbody>
<tr>
<td>Nom. Pipe Diameter, D (in.)</td>
<td>30</td>
<td>30</td>
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<tr>
<td>Pipe Wall Thickness, t (in.)</td>
<td>30</td>
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<tr>
<td>Number of Tooth</td>
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<td>30</td>
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<td>T**</td>
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<tr>
<td>Connector OD (in.)</td>
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<td>30</td>
</tr>
<tr>
<td>Connector ID (in.)</td>
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<td>30</td>
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<tr>
<td>Made-up Length** (in.)</td>
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</tr>
<tr>
<td>Tension Capacity (kips)</td>
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</tr>
<tr>
<td>Bending Capacity (ft. kips)</td>
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<td>30</td>
</tr>
<tr>
<td>Internal Pressure Capacity (ps)</td>
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<td>30</td>
</tr>
</tbody>
</table>

* Notes: Table showing Flush ID (FID) Connectors. Flush OD (FOD) Connectors available on request.
  a. With standard beveled weld ends (BWE) on both pin and box connector - custom weld neck lengths available on request.
  b. Slim profile connector version with minimal ID/OD upset available on request.

For more information, visit www.gmcdeepwater.com, or contact info@gmcdeepwater.com