The Latch Coupling is the heart of Halliburton multilateral solutions. The Latch Coupling serves a critical role in multilateral well construction as the landing and anchor point for multilateral service equipment. It also provides a consistent, repeatable service tool reference for downhole depth and orientation.

The Latch Coupling provides full-bore, unrestricted casing access to the lower mainbore and maintains casing pressure integrity, which allows the well to be completed and produced in any manner while maintaining the option of drilling an additional lateral bore at a later date. Installing the Halliburton latch coupling in the casing string is an inexpensive way to plan for future multilateral applications. Latch Couplings can be installed above or below existing lateral bores to provide access to virtually any productive interval of the reservoir.

**FEATURES**

» Full-bore ID access in the main bore if run as part of the main bore casing string  
» Lock and key design that provides a reference for accurate axial orientation  
» Repeatability at landing depth and precise orientation of retrievable whipstocks  
» Full casing burst and collapse specifications  

**BENEFITS**

» Plan future laterals at any time during the life of the well  
» Compatible with any casing string and installed in the same manner as a standard casing collar  
» Meets burst and collapse pressure requirements without restricting the ID of the main bore  
» Works in new well applications
TYPICAL LATCH COUPLING INSTALLATION SEQUENCE

1. Select the liner joint to which the latch coupling is to be made up, spaced out for potential future lateral.*
2. Threadlock the Latch Coupling to the joint above.
3. Torque the thread to vendor’s thread makeup specification.
4. Make up joint to previous joint and run in hole as per liner tally.
5. Cement liner as per program.

* Do not run centralization on the joint above and below the latch coupling.

Latch Coupling Technical Specifications

<table>
<thead>
<tr>
<th>Casing Size in (mm)</th>
<th>5-1/2 (139.7)</th>
<th>7 (177.8)</th>
<th>9-5/8 (244.5)</th>
<th>10-3/4 (273.1)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Casing Weight lb/ft (Kg/m)</td>
<td>15.5 (23.07)</td>
<td>26 (38.69)</td>
<td>47 (69.94)</td>
<td>60.7 (90.33)</td>
</tr>
<tr>
<td>Latch Coupling OD in (mm)</td>
<td>6.05 (153.7)</td>
<td>7.69 (195.3)</td>
<td>10.63 (270)</td>
<td>11.65 (296)</td>
</tr>
<tr>
<td>Latch Coupling ID in (mm)</td>
<td>4.88 (124)</td>
<td>6.16 (156.5)</td>
<td>8.54 (216.8)</td>
<td>9.66 (245.4)</td>
</tr>
</tbody>
</table>

Material

L-80, 13Cr80, P110

For more information, contact your local Halliburton representative or visit us on the web at www.halliburton.com

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