DPU® Tubing Punch

The Halliburton Downhole Power Unit (DPU®) Tubing Punch offers a nonexplosive, cost-effective solution to create a single perforation hole in tubing or casing. When workover requirements require rapid mobilization, the tubing punch helps cut costs while providing a safe, effective, and dependable solution for perforating the tubing. Offering conveyance flexibility, the punch can be run on slickline, electric line, or coiled tubing, offering versatility and economy to meet multiple operational requirements.

Benefits
- Improved safety and reliability with explosive-free perforating
- Eliminates logistical challenges of explosives
- HSE and user friendly
- Can reduce the cost of perforating tubing
- Reduces rig time by minimizing miss runs with other mechanical perforators
- Conveyance flexible with solutions on slickline, electric line, and coiled tubing
- Compact heli-lift compliant for portable, rapid deployment
- No risk of damaging annular tubular

Features
- Operates in multiple tubing grades: J-55, L-80, P-110, and 13 CHR
- Deployed on proven DPU technology
- No jarring to achieve a communication hole
- Doesn't require explosive-trained personnel
- Offers proven, dependable perforating operation
- Provides consistent penetration performance without deforming the tubing

The DPU Tubing Punch moves the punch out to the tubing wall by the upward movement of the DPU Tubing Punch’s power rod. The punch is driven through the tubing wall. The piston is then mechanically retracted, and it is safe to retrieve the DPU Tubing Punch from the wellbore.
### DPU® Tubing Punch Specifications

<table>
<thead>
<tr>
<th>Part Number</th>
<th>146PUN169</th>
<th>146PUN175</th>
<th>146PUN250</th>
<th>146PUN338</th>
<th>146PUN366</th>
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<td>101584612t</td>
<td>101956019</td>
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<td>101593664</td>
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<tr>
<td>Tubing Size (in.)</td>
<td>2 7/8</td>
<td>2 7/8</td>
<td>3 1/2</td>
<td>4 1/2 to 5 1/2</td>
<td>4 1/2</td>
<td>5 1/2</td>
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<tr>
<td>Tubing Weight (lb)</td>
<td>6.5 \ 7.9 to 8.7 \ 9.5 to 10.7</td>
<td>6.5 \ 7.9 to 8.7 \ 9.5 to 10.7</td>
<td>7.7 to 12.95</td>
<td>12.75 to 20</td>
<td>12.75 to 20</td>
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<tr>
<td>Tool OD (in.)</td>
<td>2.03 to 2.215*</td>
<td>2.03 to 2.215*</td>
<td>2.59 to 2.762</td>
<td>3.80 to 4.62</td>
<td>3.8</td>
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<td>Punch Hole Size (in.)</td>
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<td>.560</td>
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<tr>
<td>Running Tool (in.)</td>
<td>1.69 DPU</td>
<td>1.75 DPUI</td>
<td>2.5 DPU</td>
<td>2.5 DPUI</td>
<td>3.375 DPUI</td>
<td>3.59 DPU</td>
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*The tool OD changes for each of the following tubing weights accordingly: 6.5 to 7.9 = 2.215 in. / 8.7 = 2.163 in. / 9.5 = 2.101 in. / 10.7 = 2.03 in.

Relying on the dependable performance of the DPU tool to provide power, the DPU® Tubing Punch has already proven to be a safe, reliable, and cost-effective means of punching production tubular for circulating purposes.

Providing a safe, nonexplosive solution for workover perforating.

For more information, contact your Halliburton representative.