Steel Dog® Loop Panel Ties are designed for industry-standard steel frame handset concrete forming panels.

**FEATURES:**
- Available in a range of breakback depths
- Available with plastic cones for easier breakback and for subsequent wall patching
- Neoprene rubber washer water seal available
- Heavy-duty load rating

**MATERIAL:**
- Standard tie: medium carbon snap tie grade steel wire
- Available in 304 and 316 stainless steel: contact factory

**FINISH:** None. Zinc coatings available: contact factory.

**MAXIMUM SAFE WORKING LOAD:** 2800 Lbs. (2-to-1 safety factor)

**INSTALLATION:**
- **DO NOT BEND TIES!** Steel Dog Loop Panel Ties, like any concrete form snap tie, are made with special cramped notches to provide breakback points for snapping off tie ends after stripping the forms. If the ties are bent at these breakback notches, the parts will be weakened and will not carry the full rated load of the tie.
- **DISCARD ANY BENT OR DAMAGED TIES.** Do not use ties that may have gotten bent, twisted, or deformed during handling or installation.
- Secure to steel frame form panels using standard wedge bolts. Do not force wedge bolts through loop ends; this may indicate a problem with tie length, panel alignment, or other problem.

**REMOVAL:**
- Remove wedge bolts and formwork. Do not snap off tie ends until concrete has reached sufficient strength to prevent tie rotation.
- To snap off loop ends, use hammer claws, screwdriver, or other tool to twist loop approximately 90 degrees to snap the tie at the breakback point. Pull loop end out of wall with hammer claws. Plastic cones may be removed with special cone removal tool.

### Product Code

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>SPL-XX-1</td>
<td>No cone, 1” breakback</td>
</tr>
<tr>
<td>SPL-XX-1.5</td>
<td>No cone, 1-1/2” breakback</td>
</tr>
<tr>
<td>SPL-XX-2</td>
<td>No cone, 2” breakback</td>
</tr>
<tr>
<td>SPL-XX-1C</td>
<td>With cone, 1” breakback</td>
</tr>
<tr>
<td>SPL-XX-1.5C</td>
<td>With cone, 1-1/2” breakback</td>
</tr>
<tr>
<td>SPL-XX-2C</td>
<td>With cone, 2” breakback</td>
</tr>
</tbody>
</table>

**Safe Working Load** 2800 lbs

For neoprene washer water seal, add W to product code. For instance, SPL-18-CW is a loop panel tie for 18” wall, with cones and water seal.

For stainless steel ties, specify SPLS- in product code. Standard stainless ties made with 304 grade stainless. 316 grade available on request. Both grades meet 2600 lb safe working load, however because of stainless steel properties, breakoff characteristics will vary. Test in your application.