# Trefoil Cleats
## Polyamide Two Bolt
### 375AB Series Trefoil Cleats

**Description**
- 375AB series Trefoil cleats “Dutchclamp®”

**Application**
- Suitable for cables in trefoil groups – with cable diameters from 27-118mm
- For mounting low, medium and high voltage cables.

**Features & Benefits**
- Manufactured from high strength glass filled Polyamide 6.
- No sharp edges i.e. No chance of damaging the cable or installer.
- Highly range taking – able to accommodate loosely tolerated cables. Only 5 sizes in the range covering 27 to 118mm.
- Non magnetic
- Halogen free and flame retardant - ideal for tunnels and buildings V-0 (UL94)
- Weather Resistant - UV, ozone & frost.
- Resistant to oils, acids, salts & other aggressive materials
- Resistant to ionizing radiation - ideal for use in nuclear power plants.
- Fully recyclable
- Stackable
- Tested by UL, Kema, Eaton & Centrilab.
- Expected life of 40 years +

### Technical Data
- Approved to BS EN 61914 :2009 cat 6.4.4
- Suitable for a maximum fault level generating 30kN of force.
  - Size 1 (27-38mm) = 28kA RMS 72kA peak with cleats at 900mm intervals.
  - Size 2 (38-51mm) = 33kA RMS 85kA peak with cleats at 900mm intervals.
  - Size 3 (51-69mm) = 38kA RMS 98kA peak with cleats at 900mm intervals.
  - Size 4 (69-90mm) = 44kA RMS 114kA peak with cleats at 900mm intervals.
  - Size 5 (90-118mm) = 51kA RMS 132kA peak with cleats at 900mm intervals.
- All sizes have stud clearance holes of 15.5mm, allowing fixing sizes M10, M12 & M14 to be used.
- Operating Temperature -40°C to +125°C (with short periods at +225°C)

### Cable and Cleat Details

<table>
<thead>
<tr>
<th>Design Number</th>
<th>Cable Diameter AØ (mm)</th>
<th>Cable Diameter BØ (mm)</th>
<th>Cable Diameter I (mm)</th>
<th>Fixing d Ø (mm)</th>
<th>H1 (mm)</th>
<th>H2 (mm)</th>
<th>h (mm)</th>
<th>a (mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>U375AB01</td>
<td>27 38</td>
<td>180 75 125</td>
<td>15.5 63 12</td>
<td>35 16.5</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>U375AB02</td>
<td>38 51</td>
<td>195 80 145</td>
<td>15.5 84 16</td>
<td>45 20</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>U375AB03</td>
<td>51 69</td>
<td>220 85 170</td>
<td>15.5 109 21</td>
<td>58 26</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>U375AB04</td>
<td>69 90</td>
<td>266 90 215</td>
<td>15.5 130 27</td>
<td>72 31</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>U375AB05</td>
<td>90 118</td>
<td>321 100 270</td>
<td>15.5 172 27</td>
<td>89 33</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>