Universal Splicing System
Product features

Unitec is a shear-bolt coupling system for the connection of concrete reinforcement bars from Ø12 to 50 mm (ASTM #4 to #18).

<table>
<thead>
<tr>
<th>Bar size</th>
<th>USA &amp; Mexico</th>
<th>Canada</th>
<th>Europe</th>
<th>Coupler product code</th>
<th>Coupler dimensions</th>
<th>Screw size</th>
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<tbody>
<tr>
<td>#4</td>
<td>12, 12.5</td>
<td></td>
<td></td>
<td>FPUS0400002</td>
<td>1 ⅞&quot; 48 5 ½&quot; 140</td>
<td>M12</td>
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<tr>
<td>#5</td>
<td>15M</td>
<td>14, 16</td>
<td></td>
<td>FPUS0500002</td>
<td>1 ¼&quot; 48 5 ½&quot; 140</td>
<td>M12</td>
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<tr>
<td>#6</td>
<td>20M</td>
<td>18, 20</td>
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<td>2&quot; 51.5 7 ½&quot; 200</td>
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<tr>
<td>#6, #7</td>
<td>20M</td>
<td>20, 22, 24</td>
<td></td>
<td>FPUS0700002</td>
<td>2 ¼&quot; 58 7&quot; 180</td>
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<tr>
<td>#8</td>
<td>25M</td>
<td>25, 26</td>
<td></td>
<td>FPUS0800002</td>
<td>2 ½&quot; 62 9 ½&quot; 240</td>
<td>M16</td>
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<tr>
<td>#9</td>
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<td></td>
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<td>3&quot; 76 8 ¾&quot; 220</td>
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</tr>
<tr>
<td>#10</td>
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<tr>
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<tr>
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<td></td>
<td>FPUS1800002</td>
<td>4 ¼&quot; 122 25 ¼&quot; 640</td>
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</table>

Benefits

- Site assembly with standard impact wrench.
- No need of bar end preparation.
- Readily available off the shelf.
- Ideal for concrete-embedded bars, repair and retrofit works, bent bars, etc...
- Type 2 splice as per ACI 318 requirements. Complies with BS 8110 and NF A35-020 standards.

Note: The information in this catalogue is considered up to date at the time of publication. We reserve the right to make technical and design changes at any time. Dextra shall not accept liability for the accuracy of the information in this publication or for any printing errors.
Dextra’s Quality Management System complies with the requirements of:

- ISO 9001
- ASME NCA-3800
- ASME NQA-1
- 10CFR50 Appendix B

Each coupler is marked with symbols that enable to trace it back to each raw material and production batch data.

Product approvals

Unitec couplers have been certified by the following authorities:

- UK CARES for use with grade B500B and B500C bars dia 12 to 40mm as per BS 4449.
- AFCAB for use with grade B500B bars dia 12 to 40mm as per NF A35080.

Packing

Unitec couplers are packed in wooden crates that should be stored under a roof and protected from natural elements.

Please ensure that order quantities are a multiple of the packaging quantities stated in the table.

Note: The weight of the crates varies depending on ambient humidity.

<table>
<thead>
<tr>
<th>Bar size</th>
<th>USA &amp; Mexico</th>
<th>Canada</th>
<th>Europe</th>
<th>Coupler product code</th>
<th>Qty (pcs)</th>
<th>Net weight (kg)</th>
<th>Gross weight (kg)</th>
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</tbody>
</table>

Applications

- Repair and retrofitting
- Change of contract package
- Remote locations
Some major references

Chennai bypass, India

King Abdullah Financial District (KAFD), Saudi Arabia

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