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Meadow Burke metal reinforcing bar supports can be manufactured in compliance with American Concrete Institute (ACI) ACI-SP-66, ACI-315 and ACI-315R.

Quality rebar metal supports are available in the following finishes:
- Plastic protected, dipped or tipped.
- Stainless steel protected, 1/4” stainless steel tipped.
- Stainless steel protected, 3/4” minimum stainless steel tipped.
- Plain wire, no protection.

Also available:
- Epoxy coated meeting AASHTO specifications.
- Epoxy coated with plastic dipped feet.

Notes:
Stainless steel utilized by Meadow Burke in the manufacture of rebar supports conforms to ASTM A-493 and AISI Type 430 and may display some magnetic qualities which shall not be cause for rejection. Heights available in 1/4” increments.

METAL REINFORCING BAR SUPPORTS

(SB) SLAB BOLSTER

<table>
<thead>
<tr>
<th>Type</th>
<th>Available Height</th>
<th>Leg Spacing (c/c)</th>
<th>Length</th>
</tr>
</thead>
<tbody>
<tr>
<td>SB</td>
<td>3/4” to 3”</td>
<td>5”</td>
<td>5’-0”</td>
</tr>
</tbody>
</table>

To Order, Specify: quantity, type, height and finish classification.

(SBR) SLAB BOLSTER – UPPER

<table>
<thead>
<tr>
<th>Type</th>
<th>Available Height</th>
<th>Leg Spacing (c/c)</th>
<th>Length</th>
</tr>
</thead>
<tbody>
<tr>
<td>SBR</td>
<td>3/4” to 3”</td>
<td>5”</td>
<td>5’-0”</td>
</tr>
</tbody>
</table>

To Order, Specify: quantity, type, height and finish classification.

(BB) BEAM BOLSTER

<table>
<thead>
<tr>
<th>Type</th>
<th>Available Height</th>
<th>Leg Spacing (c/c)</th>
<th>Length</th>
</tr>
</thead>
<tbody>
<tr>
<td>BB</td>
<td>1” to 5”</td>
<td>2-1/2”</td>
<td>5’-0”</td>
</tr>
</tbody>
</table>

To Order, Specify: quantity, type, height and finish classification.

(UBB) BEAM BOLSTER – UPPER

<table>
<thead>
<tr>
<th>Type</th>
<th>Available Height</th>
<th>Leg Spacing (c/c)</th>
<th>Length</th>
</tr>
</thead>
<tbody>
<tr>
<td>UBB</td>
<td>1” to 5”</td>
<td>2-1/2”</td>
<td>5’-0”</td>
</tr>
</tbody>
</table>

To Order, Specify: quantity, type, height and finish classification.
(CHC) CONTINUOUS HIGH CHAIR

<table>
<thead>
<tr>
<th>CONTINUOUS HIGH CHAIR DATA</th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Type</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>DHC</td>
<td>2&quot; to 20&quot;</td>
<td>7-1/2&quot;</td>
<td>5'-0&quot;</td>
</tr>
</tbody>
</table>

To Order, Specify: quantity, type, height and finish classification.

(UCHC) CONTINUOUS HIGH CHAIR – UPPER

<table>
<thead>
<tr>
<th>CONTINUOUS HIGH CHAIR - UPPER DATA</th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Type</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>UCHC</td>
<td>2&quot; to 20&quot;</td>
<td>7-1/2&quot;</td>
<td>5'-0&quot;</td>
</tr>
</tbody>
</table>

To Order, Specify: quantity, type, height and finish classification.

(CHCM) CONTINUOUS HIGH CHAIR – METAL DECK

<table>
<thead>
<tr>
<th>CONTINUOUS HIGH CHAIR - METAL DECK DATA</th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Type</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Type A</td>
<td>1&quot; to 5&quot;</td>
<td>7-1/2&quot;</td>
<td>5'-0&quot;</td>
</tr>
<tr>
<td>Type B</td>
<td>1&quot; to 5&quot;</td>
<td>Varies</td>
<td>5'-0&quot;</td>
</tr>
</tbody>
</table>

To Order, Specify: quantity, name, type A or B, leg spread, height.

(HCMD) HIGH CHAIR – METAL DECK

<table>
<thead>
<tr>
<th>HIGH CHAIR - METAL DECK DATA</th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Type</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Type A or B</td>
<td>2&quot; to 15&quot;</td>
<td>1/4&quot;</td>
</tr>
</tbody>
</table>

To Order, Specify: quantity, name, type, A, B and C dimension.

To insure accuracy of order please include metal deck profile.

(HC) HIGH CHAIR

<table>
<thead>
<tr>
<th>HIGH CHAIR DATA</th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Type</td>
<td></td>
<td></td>
</tr>
<tr>
<td>HC</td>
<td>2&quot; to 40&quot;</td>
<td>1/4&quot;</td>
</tr>
</tbody>
</table>

To Order, Specify: quantity, type, height and finish classification.

(Available with metal or plastic sand plate)
(BC) BAR CHAIR

**BAR CHAIR DATA**

<table>
<thead>
<tr>
<th>Type</th>
<th>Available Height</th>
<th>Height Increments</th>
</tr>
</thead>
<tbody>
<tr>
<td>BC</td>
<td>3/4” to 2”</td>
<td>1/4”</td>
</tr>
</tbody>
</table>

To Order, Specify: quantity, type, height and finish classification.

(UJC) JOIST CHAIR – UPPER

**JOIST CHAIR - UPPER DATA**

<table>
<thead>
<tr>
<th>Type</th>
<th>Available Height</th>
<th>SPAN</th>
</tr>
</thead>
<tbody>
<tr>
<td>UJC</td>
<td>-1” to +3-1/2”</td>
<td>14”</td>
</tr>
</tbody>
</table>

To Order, Specify: quantity, type, height and finish classification.

(CS) CONTINUOUS SUPPORT (ZIG-ZAG)

CS Continuous Support (Zig-Zag) is a steel support for horizontal wire mesh, structural fabric or reinforcing bars and an excellent spacer for vertical steel in concrete walls. The support is very stable, it will not slide or tip and has excellent load carrying capacity. It is easy to install and can be bent around voids and/or partitions.

**CONTINUOUS SUPPORT (ZIG-ZAG) DATA**

<table>
<thead>
<tr>
<th>Type</th>
<th>Available Height</th>
<th>Height Increments</th>
<th>Length</th>
</tr>
</thead>
<tbody>
<tr>
<td>CS</td>
<td>2” to 12”</td>
<td>1/4”</td>
<td>8'-0”</td>
</tr>
</tbody>
</table>

To Order, Specify: quantity, type, height and finish classification.

WIRE GIRDER – DOUBLE

The Wire Girder – Double is designed to quickly and accurately position wire mesh in large slab-on-grade applications. The girder is available in heights from 3” to 9” in 1” increments and in lengths up to 40’. Optional snap-on sand plates are available for use on sandy soils to prevent the girder from turning during concrete placement. When using on a firm casting bed, the snap-on plates are not a necessity but will give better support on slabs exceeding 6” in thickness.

The optional snap-on plates are field installed by simply squeezing the bottom runners of the girder inward until they slip inside the plate tabs. Release of the runners will let them slide under the tabs and be held firmly in place by the tabs.

To Order Specify: quantity, type, height & length.  
To Order Optional Snap-On Plate, Specify: quantity and type.
TUFF PLUS SB – SLAB BOLSTER
The Tuff Plus SB is a composite slab bolster that is used to provide accurate cover for lower mats of steel reinforcement in concrete elements. Suitable for a wide range of uses, the Tuff Plus SB-slab bolster can be used in Tilt-Up Concrete Construction, Precast Concrete Construction, Post Tensioned Concrete and other Cast in place applications. The Tuff Plus SB, all plastic slab bolster, may also be used as side form spacers in vertical formwork.

The Tuff Plus SB slab bolster is fabricated from fiber filled gray composite material designed to blend with the concrete surface, if exposed. Top bar corrugations are placed on 1” centers to visually aid rebar placement. The Tuff Plus SB plastic slab bolster is manufactured in true 60” lengths, eliminating assembly and expedites field placement.

To Order, Specify: quantity, type and height.

TUFF PLUS SBR – SLAB BOLSTER with RUNNER
The Tuff Plus SBR Slab Bolster with Runner, is typically used to provide accurate and efficient placement of upper mats of steel reinforcement in concrete elements. The Tuff Plus SBR is a composite slab bolster upper that can be used in Bridge, Tilt-up, Precast, Post Tension and other segments of concrete construction.

The Tuff Plus SBR Slab Bolster Upper, is fabricated from fiber filled composite material. Top bar corrugations are located at 1” centers to aid in rebar placement. The Tuff Plus SBR with Runner is a direct replacement for metal slab bolster upper.

To Order, Specify: quantity, type and height.

MB TUFF CHAIR
MB Tuff Chair is engineered for strength, durability, recoverability and consistent ruggedness, and are available in a range of heights from 3/4” to 10”. MB Tuff Chair-Slab Bolster available in a range of heights from 3/4” to 4”, and 30” lengths

To Order, Specify: quantity, type and height.

(IC) INTERSECTIONAL CHAIR
The IC Intersectional Chair or is designed for use at the intersection of two crossing lengths of post tensioning cables rebar to correctly position and firmly hold the two bars in place. The large support base gives added benefit when used on vapor barriers or soft fil. The chair fits 1/2” PT cable or up to #5 rebar, and is available in most heights from 1-1/2” to 7” in 1/2” increments.

To Order, Specify: quantity, type and height.

(MBCB) MESH BAR CHAIR WITH BASE
The Mesh Bar Chair with Base (MBCB) is a light duty, composite chair with sand plate for use on soft surfaces and/or slab on grade to correctly position and hold the wire mesh securely in place. Each size chair is designed to service two mesh positioning heights. It is available in heights from 5/8” to 6”. It can be used to support up to a #5 rebar.

To Order, Specify: quantity, type and height.
PC-2 SNAP-ON MESH CHAIR
PC-3 SNAP-ON MESH CHAIR WITH BASE
The PC-2 and PC-3 Snap-On Mesh Chairs are economical heavy duty, four sided chairs that quickly snap onto 4 ga. to 10 ga. mesh to correctly position it in the slab. The Snap-On Mesh Chair is available in most heights from 3/4” to 3” and the Snap-On Mesh Chair With Base is available in heights from 1-1/2” to 4”. Both Chairs will accommodate wire mesh 4 ga. to 10 ga.

To Order, Specify: quantity, type and height.

PC-4 SNAP-ON PAVING CHAIR WITH BASE
PC-5 SNAP-ON BAR CHAIR
The PC-4 Snap-On Paving Chair and PC-5 Snap-On Bar Chair are substantial plastic bar supports available to support reinforcing steel in various applications. The Snap-On Paving Chair for #3 to #4 rebar or #4 to #6 rebar (PC-4) is available in heights from 3/4” to 7” and the Snap-On Bar Chair for #3 to #7 rebar (PC-5) is available in heights from 3/4” to 3”.

To Order, Specify: quantity, type and height.

PW-11 PLASWHEEL
The PW-11 Plaswheel is designed to quickly snap onto and space vertical or horizontal steel at side walls and columns. They are available to accommodate #2 through #8 rebar and provide 5/8” through 4” concrete cover.

To Order, Specify: quantity, type, bar size and cover.

PW-14 UNISPACER
The PW-14 Unispacer is an economical spacer available in one size to provide a 2” concrete cover. It slides onto any rebar up to #14 size and permits rotation and/or movement of the rebar without risk of the spacer coming off.

To Order, Specify: quantity and type.

BC-2, BC-4 BAR CAP
The BC-2 and BC-4 Bar Cap is available in two sizes for the purpose of protection from scrapes, cuts and torn clothing caused by protruding rebar. It is not intended for use as an impalement protector. The small size BC-2 accepts rebar sizes #3 through #8 and the larger size BC-4 accepts rebar from #9 through #14.

To Order, Specify: quantity, type and rebar size.

BC-6, BC-8 REBAR SAFETY CAP
The BC-6 and BC-8 Rebar Safety Cap is an OSHA approved impalement protection safety cap. It is available in two sizes; the smaller size BC-6 accepts rebar sizes #3 through #8 and the larger size BC-8 will accommodate rebar sizes #7 through #12.

To Order, Specify: quantity, type and size.
THREADED SPLICE SYSTEM

The Threaded Splice System is designed to eliminate protruding rebar problems. OSHA requirements pertaining to workmen protection from protruding rebar has become a source of added concern and expense. Use of the Threaded Splice System helps eliminate the exposed rebar problem. It offers complete workman safety, reduces costs related to injuries and reduces the need for expensive rebar protectors.

The Threaded Splice System consists of a threaded rebar coupler and a threaded splice bar and complies with ACI 318-05 Type 1, that requires mechanical splices to develop 125% of the specified rebar yield strength. Refer to the Tables for coupler and bar data.

### ASTM A-615 GRADE 60 REINFORCEMENT BAR DATA

<table>
<thead>
<tr>
<th>Bar Size Designation</th>
<th>Weight (lbs per lineal ft)</th>
<th>Nominal Diameter</th>
<th>Cross Section Area (sq.in.)</th>
<th>Minimum Loads (lbs)</th>
<th>1.25 P_y</th>
<th>1.5 P_y-P_{fu}</th>
</tr>
</thead>
<tbody>
<tr>
<td>#4</td>
<td>0.668</td>
<td>.500</td>
<td>.20</td>
<td>12,000</td>
<td>15,000</td>
<td>18,000</td>
</tr>
<tr>
<td>#5</td>
<td>1.043</td>
<td>.625</td>
<td>.31</td>
<td>18,600</td>
<td>23,250</td>
<td>27,000</td>
</tr>
<tr>
<td>#6</td>
<td>1.582</td>
<td>.750</td>
<td>.44</td>
<td>26,400</td>
<td>33,000</td>
<td>39,600</td>
</tr>
<tr>
<td>#7</td>
<td>2.044</td>
<td>.875</td>
<td>.60</td>
<td>36,000</td>
<td>45,000</td>
<td>54,000</td>
</tr>
<tr>
<td>#8</td>
<td>2.670</td>
<td>1.000</td>
<td>.79</td>
<td>47,400</td>
<td>59,250</td>
<td>71,100</td>
</tr>
<tr>
<td>#9</td>
<td>3.400</td>
<td>1.125</td>
<td>1.00</td>
<td>60,000</td>
<td>75,000</td>
<td>90,000</td>
</tr>
<tr>
<td>#10</td>
<td>4.303</td>
<td>1.250</td>
<td>1.27</td>
<td>76,200</td>
<td>95,250</td>
<td>114,300</td>
</tr>
<tr>
<td>#11</td>
<td>5.313</td>
<td>1.410</td>
<td>1.56</td>
<td>93,600</td>
<td>117,000</td>
<td>140,400</td>
</tr>
</tbody>
</table>

ACI 318 2005 Section (12.14.3.2) requires a full mechanical splice to develop at least 125% of the specified rebar yield strength (P_y). Threaded Rebar Splice must have ultimate strength (P_{fu}) equal to or greater than 125% of the specified rebar yield strength (1.25 P_y).

### RC-53 THREADED REBAR COUPLER – SMOOTH
### RC-54 THREADED REBAR COUPLER – SMOOTH/FLANGE

The RC-53 Threaded Rebar Coupler – Smooth and RC-54 Threaded Rebar Coupler – Smooth/Flange (RC-54) are available in rebar sizes #4 through #11. They are fabricated from quality bar stock and furnished with an internal positive thread stop. The flanged style is equipped with nail holes in the flange for convenient fastening to the form. Refer to the Table for dimensions and minimum load values.

<table>
<thead>
<tr>
<th>Coupler Size</th>
<th>Thread Size</th>
<th>Coupler Weight (lbs)</th>
<th>Coupler Length (L)</th>
<th>Coupler O.D. (D)</th>
<th>Optional Flange Size</th>
<th>Ultimate Load (lbs) P_{fu} = 1.5P_y</th>
</tr>
</thead>
<tbody>
<tr>
<td>4</td>
<td>1/2 - 13 NC</td>
<td>.24</td>
<td>1-7/8&quot;</td>
<td>7/8&quot;</td>
<td>2 X 2</td>
<td>18,000</td>
</tr>
<tr>
<td>5</td>
<td>5/8 - 11 NC</td>
<td>.34</td>
<td>2-1/8&quot;</td>
<td>1&quot;</td>
<td>2 X 2</td>
<td>27,000</td>
</tr>
<tr>
<td>6</td>
<td>3/4 - 10 NC</td>
<td>.41</td>
<td>2-1/4&quot;</td>
<td>1-1/8&quot;</td>
<td>2 X 2</td>
<td>39,600</td>
</tr>
<tr>
<td>7</td>
<td>7/8 - 9 NC</td>
<td>.57</td>
<td>2-5/8&quot;</td>
<td>1-1/4&quot;</td>
<td>2 X 2</td>
<td>54,000</td>
</tr>
<tr>
<td>8</td>
<td>1 - 8 NC</td>
<td>1.08</td>
<td>3-1/4&quot;</td>
<td>1-1/2&quot;</td>
<td>2 X 2</td>
<td>71,100</td>
</tr>
<tr>
<td>9</td>
<td>1-1/8 - 7 NC</td>
<td>1.39</td>
<td>3-3/4&quot;</td>
<td>1-5/8&quot;</td>
<td>2-1/2&quot; X 2-1/2&quot;</td>
<td>90,000</td>
</tr>
<tr>
<td>10</td>
<td>1-1/4 - 7 NC</td>
<td>2.61</td>
<td>4-1/4&quot;</td>
<td>2&quot;</td>
<td>2-1/2&quot; X 2-1/2&quot;</td>
<td>114,300</td>
</tr>
<tr>
<td>11</td>
<td>1-3/8 - 6 NC</td>
<td>2.66</td>
<td>4-3/4&quot;</td>
<td>2&quot;</td>
<td>2-1/2&quot; X 2-1/2&quot;</td>
<td>140,400</td>
</tr>
</tbody>
</table>

To Order, Specify: quantity, Type and bar size.
RC-61, RC-63 SETTING BAR ASSEMBLIES

Setting Bars are assemblies comprised of threaded rebar coupler and a length of Grade 60 deformed reinforcing steel threaded on one end. Setting Bars are available in all rebar sizes #4 through #11 and in any required length. The Setting Bar (RC-61) model is furnished straight for standard lap splice applications and the Setting Bar (RC-63) is furnished with a 90° bend. All setting bars are manufactured to furnished job specifications.

To Order, Specify:
For Setting Bar (RC-61) – quantity, type, rebar size and overall length. (“A” + “L”)
For Setting Bar (RC-63) – quantity, type, rebar size, “A” and “B” dimensions.
RC-61, RC-62, RC-63, RC-64 SPLICE BARS

The RC-61, RC-62, RC-63 and RC-64 Splice Bars are manufactured from Grade 60 deformed rebar material and are available in all of the corresponding sizes to the Threaded Rebar Coupler. After the Setting Bar has been placed and the concrete has set the Splice Bar is threaded into the Setting Bar to complete the splice. Splice Bars are available in the following configurations: RC-61 straight, RC-63 90° bend, RC-62 threaded at both ends and with a RC-64 return bend.

For Hook Bar development lengths actual dimensions C, B, D and R are functions of f': (concrete strength), PSI and minimums based on ACI-318-05 section 12.5 both code and commentary.

To Order, Specify:
For Splice Bars (RC-61) and (RC-62) – quantity, type, rebar size and “C” dimension.
For Splice Bar (RC-63) – quantity, type, rebar size, “C” and “B” dimensions.
For Splice Bar (RC-64) – quantity, type, rebar size, “C”, “B” and “D” dimensions.
TENSION SPLICE LAP LENGTH DATA

LAP SPLICE LENGTH OF DEFORMED BARS IN TENSION

<table>
<thead>
<tr>
<th>CASE</th>
<th>f_c (psi)</th>
<th>No. 6 and Smaller Bars</th>
<th>No. 7 and Larger Bars</th>
</tr>
</thead>
<tbody>
<tr>
<td>Clear spacing of bars or wires being developed or spliced not less than d_b, clear cover not less than d_b, and stirrups or ties throughout l, not less than the code minimum or clear spacing of bars or wires being developed or spliced not less than 2d_b, and clear cover not less than d_b, (ACI 318-05 section 12.2.2)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>3000</td>
<td>44 d_b</td>
<td>55 d_b</td>
<td></td>
</tr>
<tr>
<td>4000</td>
<td>38 d_b</td>
<td>48 d_b</td>
<td></td>
</tr>
<tr>
<td>5000</td>
<td>34 d_b</td>
<td>43 d_b</td>
<td></td>
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<tr>
<td>6000</td>
<td>31 d_b</td>
<td>39 d_b</td>
<td></td>
</tr>
<tr>
<td>8000</td>
<td>27 d_b</td>
<td>34 d_b</td>
<td></td>
</tr>
<tr>
<td>10000</td>
<td>24 d_b</td>
<td>30 d_b</td>
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</tr>
<tr>
<td>3000</td>
<td>66 d_b</td>
<td>83 d_b</td>
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<tr>
<td>4000</td>
<td>57 d_b</td>
<td>72 d_b</td>
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<tr>
<td>5000</td>
<td>51 d_b</td>
<td>64 d_b</td>
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<tr>
<td>6000</td>
<td>47 d_b</td>
<td>59 d_b</td>
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</tr>
<tr>
<td>8000</td>
<td>41 d_b</td>
<td>51 d_b</td>
<td></td>
</tr>
<tr>
<td>10000</td>
<td>36 d_b</td>
<td>45 d_b</td>
<td></td>
</tr>
</tbody>
</table>

Other Cases (ACI 318-05 section 12.2.2)

Table is based on the following criteria:
1. Grade 60 reinforcing steel bars.
2. Normal weight concrete factor λ=1.0.
3. Uncoated reinforcement factor, β=1.0.
4. Reinforcement location factor, α=1.0.
ZAP SCREWLOCK®
DOUBLE ZAP SCREWLOCK®

The ZAP Screwlock® is a high strength mechanical rebar connection device available for splicing #4 through #11 rebar. No rebar end preparation is required. Simply insert the ends of the two bars into the connector body. A positive center stop ensures proper installation.

Tightening the lock-bolts generates a positive mechanical interlock as the rebar deformations are pressed into the ductile steel wedge-shaped body of the connector. Visual inspection is easily accomplished; just verify that the heads of the lock-bolts have sheared off during the tightening sequence.

The ZAP SCREWLOCK exceeds 125% of the specified yield strength of the rebar and is approved by or meets the following: ACI-318, ICBO and AASHTO.

### ZAP SCREWLOCK DATA

<table>
<thead>
<tr>
<th>Bar Size</th>
<th>Nominal Coupler Wt. [lbs]</th>
<th>Coupler Lgth. “L” (in.)</th>
<th>Ave. Dim. “A” (in.)</th>
<th>Dimension “B” (in.)</th>
<th>Number of Screws / Bar</th>
<th>Torque (Ave.) (ft.-lbs.)</th>
<th>Hex Head Ø</th>
</tr>
</thead>
<tbody>
<tr>
<td>#4</td>
<td>1.9</td>
<td>7”</td>
<td>1-1/16”</td>
<td>11/16”</td>
<td>3</td>
<td>50</td>
<td>1/2”</td>
</tr>
<tr>
<td>#5</td>
<td>3.7</td>
<td>9”</td>
<td>1-1/8”</td>
<td>3/4”</td>
<td>4</td>
<td>50</td>
<td>1/2”</td>
</tr>
<tr>
<td>#6</td>
<td>5.2</td>
<td>11”</td>
<td>1-3/16”</td>
<td>15/16”</td>
<td>5</td>
<td>50</td>
<td>1/2”</td>
</tr>
<tr>
<td>#7</td>
<td>7.5</td>
<td>13”</td>
<td>1-1/4”</td>
<td>1-1/16”</td>
<td>5</td>
<td>100</td>
<td>5/8”</td>
</tr>
<tr>
<td>#8</td>
<td>10.3</td>
<td>15-1/4”</td>
<td>1-5/16”</td>
<td>1-1/16”</td>
<td>6</td>
<td>100</td>
<td>5/8”</td>
</tr>
<tr>
<td>#9</td>
<td>16.9</td>
<td>16-3/4”</td>
<td>1-5/8”</td>
<td>1-1/4”</td>
<td>6</td>
<td>200</td>
<td>3/4”</td>
</tr>
<tr>
<td>#10</td>
<td>21.7</td>
<td>19-1/8”</td>
<td>1-11/16”</td>
<td>1-7/16”</td>
<td>7</td>
<td>200</td>
<td>3/4”</td>
</tr>
<tr>
<td>#11</td>
<td>24.7</td>
<td>21-1/2”</td>
<td>1-13/16”</td>
<td>1-1/2”</td>
<td>8</td>
<td>200</td>
<td>3/4”</td>
</tr>
</tbody>
</table>

### DOUBLE ZAP SCREWLOCK DATA

<table>
<thead>
<tr>
<th>Bar Size</th>
<th>Nominal Coupler Wt. [lbs]</th>
<th>Coupler Lgth. “L” (in.)</th>
<th>Ave. Dim. “A” (in.)</th>
<th>Dimension “B” (in.)</th>
<th>Dimension “S” (in.)</th>
<th>Number of Screws / Bar</th>
<th>Torque (Ave.) (ft.-lbs.)</th>
<th>Hex Head Ø</th>
</tr>
</thead>
<tbody>
<tr>
<td>#4</td>
<td>1.3</td>
<td>2-1/8”</td>
<td>1-1/16”</td>
<td>1/2”</td>
<td>15/16”</td>
<td>2</td>
<td>50</td>
<td>1/2”</td>
</tr>
<tr>
<td>#5</td>
<td>2.3</td>
<td>3”</td>
<td>1-1/8”</td>
<td>5/8”</td>
<td>15/16”</td>
<td>3</td>
<td>50</td>
<td>1/2”</td>
</tr>
<tr>
<td>#6</td>
<td>3.2</td>
<td>3-7/8”</td>
<td>1-3/16”</td>
<td>3/4”</td>
<td>15/16”</td>
<td>4</td>
<td>50</td>
<td>1/2”</td>
</tr>
</tbody>
</table>

Dimensions are basic for detailing purposes only. Screwlock projection heights vary with location on the rebar. Concrete cover is critical, orientate coupler to obtain dimension “B” shown above.

Note: Dimensions are subject to change without notice. An alternate design may be recommended for the above to suit the application or specification required.

To Order, Specify: quantity, type and rebar size.
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501 N. 37th Dr.
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FAX: (210)-658-8312

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(800)-993-9641
FAX: (817)-293-8081

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(877)-289-2113
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ENGINEERING
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