

MECHANICAL REBAR SPLICESManufacturerProduct**SCREWLOCK TYPE**

Barsplice Products, Inc.	#4 - #14 ZAP Screwlok Type 2 #4 - #14 ZAP Screwlok Epoxy #4 - #18 ZAP Screwlok SL #4 - #7 Double Barrel ZAP Screwlok #4 - #7 Double Barrel ZAP Screwlok Epoxy
Bar-Lock (MBT) Coupler Systems	#4 - #11

THREAD TYPE**(for Use with Uncoated or Epoxy Coated Rebar)**

Barsplice Products, Inc.	#4 - #11 Bar Splicer #4 - #18 Taper Threaded Grip-Twist #5 - #18 Grip-Twist Position Coupler
Dayton Superior	#4 - #11 Splice
LENTON	#4 - #10 LENTON Standard Coupler-A2
Richmond	#4 - #8 Splice
Williams Form	#4 - #5 Splice

SWAGED TYPE

Barsplice Products, Inc.	#4 - #11Bar Grip
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WEDGE TYPE

Erico Products	#4 - #6 Quick-Wedge Splice
OCM, Inc.	#4 - #6 Splice Clip

METHOD OF DOCUMENTATION OF ACCEPTANCE: By brand and manufacturer.

To gain acceptance as an approved material on the Qualified Products List, the following procedure must be followed:

1. Sample(s) shall be submitted to the Materials Division for verification testing. Samples (assembled bar and mechanical rebar splice) will be tested to insure 125% of yield strength in tension is obtained. Sample(s) must be provided for each bar size. Sample(s) must also be provided with and without epoxy coating for each bar size if the manufacturer wishes the rebar splice to be considered for use with epoxy coated rebar as well as for uncoated rebar.

Based on the Materials Division verification testing, mechanical rebar splices will be approved for each size of rebar and for uncoated or for uncoated and epoxy coated rebar.

2. Suppliers/Manufacturers shall provide to the Materials Division the Manufacturer's certification for each material stating compliance with the appropriate specification and that all materials shipped to Department projects will be in compliance with the appropriate specification. Furthermore, all iron and steel material used on Department projects must be in compliance with "Buy America" requirements and the Department's "Standard Specifications for Highway Construction", Subsection 106.01. This means all manufacturing processes of the iron or steel in a product (i.e., smelting/remelting, and any subsequent process which alters the steel material's physical form or shape or changes its chemical composition) must occur within the United States to be considered of domestic origin. This includes processes such as rolling, extruding, machining, bending, grinding, drilling, and applying coatings. The use of pig iron or processed, pelletized, and reduced iron ore manufactured outside of the United States is permitted in the domestic manufacturing process for steel and/or iron materials. All steel mill test reports will contain a statement certifying that all manufacturing processes for the steel occurred in the United States. Each supplier/fabricator of an intermediate product will also certify that the product complies with "Buy America" requirements.

3. Suppliers/Manufacturers shall provide product information and Material Safety Data Sheets if applicable.

4. When deemed necessary by the Materials Engineer and at a frequency determined by him, random samples will be taken and tested.

5. Material failure of project and/or random samples will be considered sufficient reason to discontinue acceptance of a material from a manufacturer, determination of which shall be made by the Materials Engineer.