



**Illinois Department of Transportation, Bureau of Materials**  
**QUALIFIED PRODUCT LIST OF REINFORCING BAR SPLICER ASSEMBLIES AND MECHANICAL SPLICERS**

January 24, 2020

This list supersedes the September 13, 2019 list.

Standard Specifications for Road and Bridge Construction, Section 1006.10 (a) (1) g. (current year issued)

**Section 1006: Metals**

**1006.10 (a) (1) g. Splicing.**

**3989-01 BarSplice Products, Inc., 4900 Webster Street, Dayton, OH 45414 [www.barsplice.com](http://www.barsplice.com)**

IDOT Material Code	Product Description	Article #	System Type		
			Bar Splicer (Product Name)	Mechanical Splicer (Product Name)	
63203	Bar Splicer (Coupler)	1006.10	Barsplicer	Bargrip	Grip-Twist
63204	Bar Splicer (Coupler) Epoxy Coated			Bargrip XL	ZAP Screwlok SL
				Bargrip UXL	ZAP Screwlok TYP 2

**3453-03 CMC Rebar Illinois, 780 East Industrial Parkway, Kankakee, IL 60901 [www.cmc.com](http://www.cmc.com)**

IDOT Material Code	Product Description	Article #	System Type	
			Bar Splicer (Product Name)	Mechanical Splicer (Product Name)
63203	Bar Splicer (Coupler)	1006.10	BPI Standard Barsplicer System	
63204	Bar Splicer (Coupler) Epoxy Coated			

**7086-01 Contractors Material Company, 10320 South Medallion Drive, Cincinnati, OH 45241 [www.cmcmmi.com](http://www.cmcmmi.com)**

IDOT Material Code	Product Description	Article #	System Type	
			Bar Splicer (Product Name)	Mechanical Splicer (Product Name)
63203	Bar Splicer (Coupler)	1006.10		
63204	Bar Splicer (Coupler) Epoxy Coated			

**494-01 Dayton Superior Corporation, 1125 Byers Road, Miamisburg, OH 45342 [www.daystonsuperior.com](http://www.daystonsuperior.com)**

IDOT Material Code	Product Description	Article #	System Type		
			Bar Splicer (Product Name)	Mechanical Splicer (Product Name)	
63203	Bar Splicer (Coupler)	1006.10	D-50 DBR	D-250 L	D51 DBR
63204	Bar Splicer (Coupler) Epoxy Coated			DB-SAE System	D-250 SCA
				D-250 XL	Taper-Lock
				D410 Grout Lock	



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2233-02 Erico Products, Inc., 34600 Solon Road, Cleveland, OH 44139 <a href="http://www.erico.com">www.erico.com</a>				
IDOT Material Code	Product Description	Article #	System Type	
			Bar Splicer (Product Name)	Mechanical Splicer (Product Name)
63203	Bar Splicer (Coupler)	1006.10	Lenton Form Saver	T-series (Cadweld)
63204	Bar Splicer (Coupler) Epoxy Coated		Lenton Taper Thread A-2 <a href="#">nVent Lenton Connect S2</a>	
6647-01 Fabco LLC, 7410 Apache Street, Houston, TX 77028 <a href="http://www.fabcous.com">www.fabcous.com</a>				
IDOT Material Code	Product Description	Article #	System Type	
			Bar Splicer (Product Name)	Mechanical Splicer (Product Name)
63203	Bar Splicer (Coupler)	1006.10	Multi. Piece Tie Bar Sys.	Form Saver Coupler
63204	Bar Splicer (Coupler) Epoxy Coated			
5555-01 Fischer Const. Systems, Inc., 688 North Broadway, St. Louis, MO 63147 <a href="http://www.fcsconstruction.com">www.fcsconstruction.com</a>				
IDOT Material Code	Product Description	Article #	System Type	
			Bar Splicer (Product Name)	Mechanical Splicer (Product Name)
63203	Bar Splicer (Coupler)	1006.10	Lenton Form Saver	T-series (Cadweld)
63204	Bar Splicer (Coupler) Epoxy Coated		Lenton Taper Thread A-2	
5556-01 Headed Reinforcement Corp., 11200 Condor Avenue, Fountain Valley, CA 92708 <a href="http://www.2.hrc-usa.com">www.2.hrc-usa.com</a>				
IDOT Material Code	Product Description	Article #	System Type	
			Bar Splicer (Product Name)	Mechanical Splicer (Product Name)
63203	Bar Splicer (Coupler)	1006.10		HRC 500 Series Couplers
63204	Bar Splicer (Coupler) Epoxy Coated			



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<b>4225-01</b>		<b>Williams Form Engineering, 1501 Madison Avenue SE, Grand Rapids, MI 49507 <a href="http://www.williamsform.com">www.williamsform.com</a></b>		
IDOT Material Code	Product Description	Article #	System Type	
			Bar Splicer (Product Name)	Mechanical Splicer (Product Name)
63203	Bar Splicer (Coupler)	1006.10	C2D Flange	
63204	Bar Splicer (Coupler) Epoxy Coated			

System types “Bar Splicer” or “Mechanical Splicer” are required when used as splices outlined on Bridge Manual Base Sheet BSD-1. The “Mechanical” system requires skilled labor and/or unique equipment to install where the “Bar Splice” system consists of threaded reinforcing bars which screw into the splicer.

**Important:**

When installing “Bar Splicer” or “Mechanical” couplers it is critical that the male reinforcement bar(s) have the correct thread for proper installation into the coupler assembly. For example, a straight threaded barrel coupler cannot use a male tapered threaded reinforcement bar (see picture below).

**Domestic Steel Act Applies:**

All iron and steel products, which are to be incorporated into state projects shall be domestically manufactured or produced and fabricated. The Contractor shall obtain from the iron or steel producer and/or fabricator, in addition to the mill analysis, a certification that all iron or steel materials meet these domestic source requirements. The application of all coatings, epoxy, galvanizing, painting, etc., to metal products shall be domestically applied.

**CBM Contact Person: Mike Brydl (217) 782-4666**

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**Submittal for Testing and Approval**

**A. Scope**

Before materials can be used for a Department project, the manufacturer/supplier must have a producer/supplier number assigned to their facility. The following guidelines are provided to clarify the submittal requirements and expedite the process.

**B. Procedure**

When requesting producer/supplier status with the Department, the following shall be included in the certification:

- Manufacturer name and internet address (if applicable),
- The specific product brand name, (if private label must provide original product name)
- Material Safety Data Sheet (if applicable),
- Technical Data Sheet,
- A signed letter stating the subject material will not be changed without written notification to the Department, and
- Contact person's name, title, address, email address, and phone number.

Depending on the material, test samples may be required to obtain a producer/supplier number. Please contact Mike Brydl (217) 782-4666 for sample size as sizes vary depending on the material type. The sample and certification shall be sent to:

Mike Brydl  
Illinois Department of Transportation  
Bureau of Materials  
126 East Ash Street  
Springfield, IL 62704-4766

Any sample provided without the required information listed will not be tested. Any changes outside the manufacturer's original parameters will necessitate a new sample submittal.

Submitted materials will be tested according to the Department's current edition of the Standard Specifications for Road and Bridge Construction.

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**Instructions for Acknowledgement by Company:**

The owner, partner, or corporate officer shall complete the following and return a signed and dated copy with the product submittal or recertification.

\_\_\_\_\_ desires to obtain approval of materials to be  
(Insert name of company)  
supplied to Department of Transportation contractors as more fully described herein. I  
and \_\_\_\_\_ understand that the Department of Transportation  
(Insert name of company)  
reserves the right in its contracts to approve materials at the source of supply as  
provided in Article 106.01 of the Standard Specifications for Road and Bridge  
Construction. I and \_\_\_\_\_ further understand that approval of  
(Insert name of company)  
company supplied material pursuant to this request does not constitute a contract to  
supply material to the State of Illinois or any of its contractors, and that the Department  
of Transportation does not assure or guarantee that any materials approved hereunder  
will be supplied to the State or any of its contractors. In consideration of approval, I and  
\_\_\_\_\_ agree to the terms, conditions and performance  
(Insert name of company)  
standards of the Standard Specifications for Road and Bridge Construction.

Type of Company:     Individual     Partnership     Corporation

Company Name \_\_\_\_\_

Printed Name \_\_\_\_\_

Signature \_\_\_\_\_

Title \_\_\_\_\_

Business Address \_\_\_\_\_

City/State/Zip Code \_\_\_\_\_

Date of Signature \_\_\_\_\_