

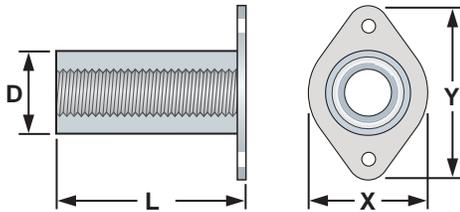
## BPI® BARSPLICER XPL COUPLER

### THREADED COUPLER WITH OPTIONAL FLANGE



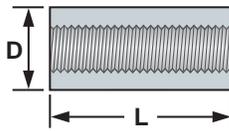
- **ACI 318 FULL MECHANICAL SPLICE** – The BPI® Barsplicer XPL system, when provided with bars threaded by BPI, is a TYPE 2 mechanical splice exceeding the specified tensile ( $f_u$ ) strength of ASTM A615 and A706 Grade 60 uncoated and epoxy coated reinforcing bars. Capable of exceeding 125% x specified yield ( $f_y$ ) of ASTM A615 Grades 75 & 80 and A706 Grade 80, uncoated and epoxy coated bars.
- **AASHTO AND DOT PROJECTS** – Exceeds 125% x specified yield ( $f_y$ ) per AASHTO LRFD Bridge Design Specifications on ASTM A615 and A706 Grade 60, uncoated and epoxy coated reinforcing bars.
- **PRE-FABRICATED THREADED BARS** – Couplers are provided with threaded bars made by BPI® to your dimensions – straight, hooked 90° - 180°, single or double-ended connections and other configurations.
- **STANDARD REINFORCING BARS** – Each heat lot provided by BPI® is controlled, tested and certified, ASTM A615 or A706 uncoated deformed bars or ASTM A775 epoxy coated bars, Grades 60, 75 and 80.
- **APPLICATIONS** – The BPI® Barsplicer XPL system is designed to utilize longer threaded bar ends and a longer coupler to provide added slip and fatigue resistance for certain DOT projects.

### BPI® BARSPLICER XPL COUPLER w/ OPTIONAL FLANGE



REBAR SIZE US (mm)	THREAD SIZE	WEIGHT (lb)	DIMENSIONS (in)			
			LENGTH 'L'	DIAMETER 'D'	FLANGE 'X'	FLANGE 'Y'
#4 (13)	1/2 – 13 UNC	0.34	2 1/4	7/8	1 5/8	2 7/16
#5 (16)	5/8 – 11 UNC	0.43	2 1/2	1	1 5/8	2 7/16
#6 (19)	3/4 – 10 UNC	0.53	2 3/4	1 1/8	1 5/8	2 7/16
#7 (22)	7/8 – 9 UNC	0.65	3	1 1/4	2	2 15/16
#8 (25)	1 – 8 UNC	1.10	3 1/2	1 1/2	2	2 15/16
#9 (29)	1 1/8 – 7 UNC	1.84	4	1 3/4	2 3/8	3 3/8
#10 (32)	1 1/4 – 7 UNC	2.72	4 1/2	2	2 3/8	3 3/8
#11 (36)	1 3/8 – 6 UNC	2.80	5	2	2 3/8	3 3/8

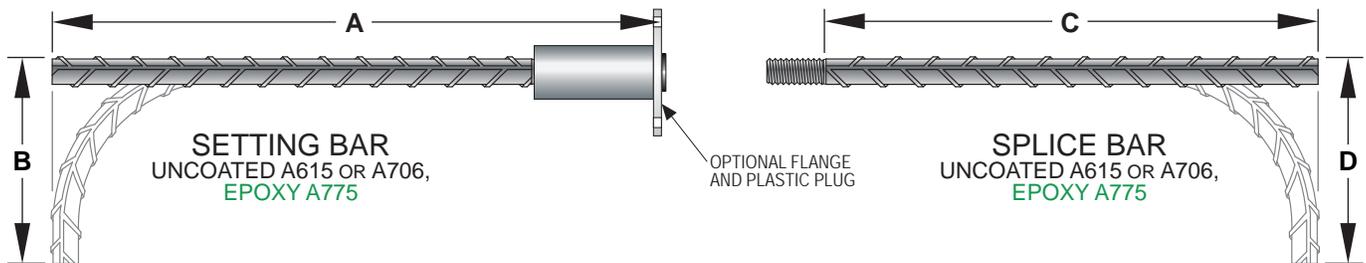
### BPI® BARSPLICER XPL COUPLER / POSITION COUPLER



SIZE	THREAD	WEIGHT	'L'	'D'	FLANGE (NONE)
#4 (13)	1/2 – 13 UNC	0.28	2 1/4	7/8	-
#5 (16)	5/8 – 11 UNC	0.38	2 1/2	1	-
#6 (19)	3/4 – 10 UNC	0.47	2 3/4	1 1/8	-
#7 (22)	7/8 – 9 UNC	0.60	3	1 1/4	-
#8 (25)	1 – 8 UNC	1.05	3 1/2	1 1/2	-
#9 (29)	1 1/8 – 7 UNC	1.71	4	1 3/4	-
#10 (32)	1 1/4 – 7 UNC	2.59	4 1/2	2	-
#11 (36)	1 3/8 – 6 UNC	2.64	5	2	-

## HOW TO ORDER BPI® BARSPLICER XPL SETTING AND SPLICE BARS

The most commonly used SETTING and SPLICE bars are STRAIGHT or have a 90 DEGREE HOOK as follows...



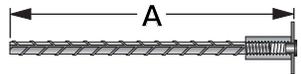
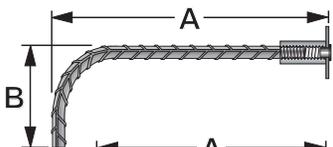
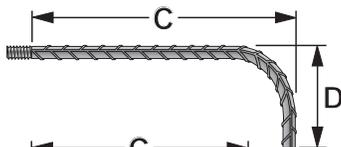
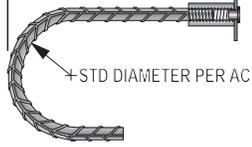
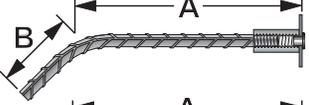
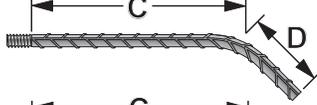
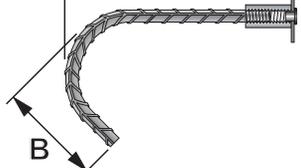
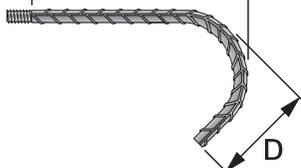
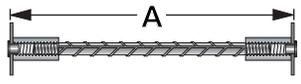
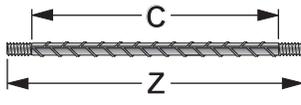
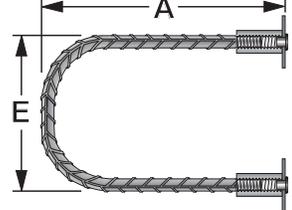
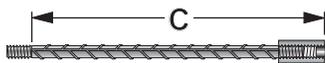
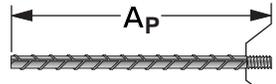
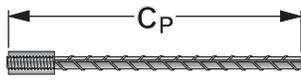
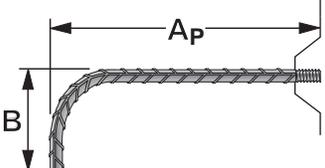
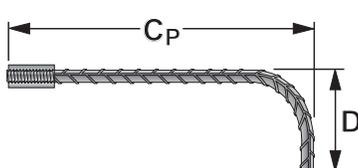
Using the following table is an easy way to organize your BPI® Barsplicer XPL requirements. Many other configurations can be ordered as shown in the configuration chart on the back of this data sheet. Be sure to include the specific Setting and/or Splice bar OPTION PART NUMBER for easy reference.

BPI® BARSPLICER			SETTING BAR(S)					SPLICE BAR(S)			
QUANTITY	BAR SIZE	UNCOATED OR EPOXY	WITH FLANGE (CIRCLE)	BPI PART NUMBER (SEE CHART)	SPECIFY LENGTHS (FEET - INCHES)			BPI PART NUMBER (SEE CHART)	SPECIFY LENGTHS (FEET - INCHES)		
					'A'	'B'	OTHER		'C'	'D'	OTHER
			Y / N	BS-	-	-	-	BS-	-	-	-
			Y / N	BS-	-	-	-	BS-	-	-	-
			Y / N	BS-	-	-	-	BS-	-	-	-
			Y / N	BS-	-	-	-	BS-	-	-	-
			Y / N	BS-	-	-	-	BS-	-	-	-
			Y / N	BS-	-	-	-	BS-	-	-	-

Unless otherwise specified, bars shall be ASTM A615 / A615M, Grade 60; Epoxy coated bars shall be ASTM A775 / A775M Grade 60; bend diameters and standard hook dimensions shall be per ACI Detailing Manual SP-66; length tolerances shall be per the CRSI Manual of Standard Practice. Customer is responsible for notifying BPI of any special space restrictions, tolerance, bar grade and/or strength requirements before placing order. All fabricated and/or in-process setting bars, splice bars and parts are non-cancellable and non-returnable.

## BPI® BARSPLICER XPL CONFIGURATION CHART

The following chart shows the standard options and the dimensions to specify when ordering Barsplicer setting and splice bars. Other configurations can be manufactured to order... just fax or e-mail a sketch to Barsplice Products, Inc. with your requirements.

XPL SETTING BAR OPTIONS AND PART NUMBERS		XPL SPLICE BAR OPTIONS AND PART NUMBERS			
BS-B	<b>STRAIGHT</b> SPECIFY 'A'		BS-H	<b>STRAIGHT</b> SPECIFY 'C'	
BS-F	<b>90° BEND</b> SPECIFY 'A' & 'B'		BS-G	<b>90° BEND</b> SPECIFY 'C' & 'D'	
BS-E	<b>180° HOOK</b> SPECIFY 'A'		BS-I	<b>180° HOOK</b> SPECIFY 'C'	
BS-C	<b>45° BEND</b> SPECIFY 'A' & 'B'		BS-P	<b>45° BEND</b> SPECIFY 'C' & 'D'	
BS-Q	<b>135° BEND</b> SPECIFY 'A' & 'B'		BS-R	<b>135° BEND</b> SPECIFY 'C' & 'D'	
BS-A	<b>DOUBLE END</b> SPECIFY 'A'		BS-O	<b>DOUBLE END</b> SPECIFY 'C' & 'Z'	
BS-D	<b>U-SHAPE DOUBLE END</b> SPECIFY 'A' & 'E'		BS-N	<b>CONTINUITY DOUBLE END</b> SPECIFY 'C'	
BS-J	<b>POSITIONAL STRAIGHT</b> SPECIFY 'A <sub>p</sub> '		BS-L	<b>POSITIONAL STRAIGHT</b> SPECIFY 'C <sub>p</sub> '	
BS-K	<b>POSITIONAL 90° BEND</b> SPECIFY 'A <sub>p</sub> ' & 'B'		BS-M	<b>POSITIONAL 90° BEND</b> SPECIFY 'C <sub>p</sub> ' & 'D'	

Flanges are not structural in nature. Rebars may require supplemental support to maintain correct placement.

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