

# BPI® 100KSI BARSPLICER SYSTEM

[Dimensions and Data - Metric Units]



- CORROSION-RESISTANT LOW CARBON CHROMIUM STEEL BARS AND COUPLERS, ASTM A1035
- INERT PLASTIC FLANGES AND PLUGS
- STANDARD NATIONAL COARSE THREADS
- BPI 100KSI BARSPLICER HAS CAPACITY TO EXCEED
  - ⇒ 1.25 x  $f_y$ , GRADE 60 (420 MPa)
  - ⇒ 1.25 x  $f_y$ , GRADE 75 (520 MPa)
  - ⇒ 1.25 x  $f_y$ , GRADE 80 (550 MPa)
  - ⇒ 1.25 x  $f_y$ , GRADE 100 (690 MPa)
  - ⇒ 1.00 x  $f_y$ , GRADE 120 (830 MPa)

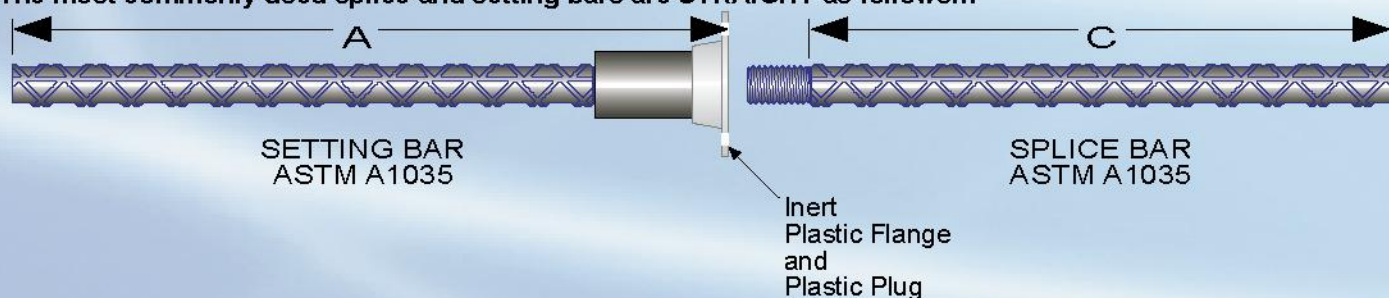
$f_y$  = SPECIFIED YIELD OF REINFORCING BAR

## Coupler Dimensions and Data [metric units]

	REBAR SIZE metric (US)	THREAD SIZE	PRODUCT CODE	WEIGHT (kg)	LENGTH (mm)	DIAMETER (mm)	FLANGE 'A' (mm)	FLANGE 'B' (mm)
<b>BPI® 100KSI BARSPLICER FLANGED COUPLER</b> 	12 (#4)	1/2 - 13 UNC	04CX	0.22	44	32	44	60
	16 (#5)	5/8 - 11 UNC	05CX	0.23	51	32	44	60
	20 (#6)	3/4 - 10 UNC	06CX	0.21	54	32	44	60
	22 (#7)	7/8 - 9 UNC	07CX	0.39	64	38	51	51
	25 (#8)	1 - 8 UNC	08CX	0.40	76	38	51	51
	29 (#9)	1 1/8 - 7 UNC	09CX	1.04	89	51	67	95
	32 (#10)	1 1/4 - 7 UNC	10CX	1.08	102	51	67	95
	36 (#11)	1 3/8 - 6 UNC	11CX	1.09	114	51	67	95
<b>BPI® 100KSI BARSPLICER POSITION COUPLER</b> 	12 (#4)	1/2 - 13 UNC	04PCX	0.24	44	32	-	-
	16 (#5)	5/8 - 11 UNC	05PCX	0.25	51	32	-	-
	20 (#6)	3/4 - 10 UNC	06PCX	0.24	54	32	-	-
	22 (#7)	7/8 - 9 UNC	07PCX	0.40	64	38	-	-
	25 (#8)	1 - 8 UNC	08PCX	0.43	76	38	-	-
	29 (#9)	1 1/8 - 7 UNC	09PCX	1.04	89	51	-	-
	32 (#10)	1 1/4 - 7 UNC	10PCX	1.08	102	51	-	-
	36 (#11)	1 3/8 - 6 UNC	11PCX	1.09	114	51	-	-

## HOW TO ORDER BPI® 100KSI BARSPLICER SETTING AND SPLICE BARS

The most commonly used splice and setting bars are STRAIGHT as follows...



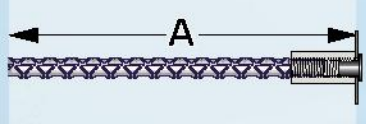
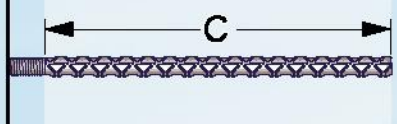
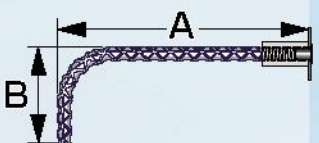
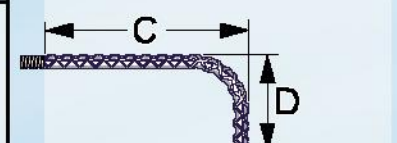
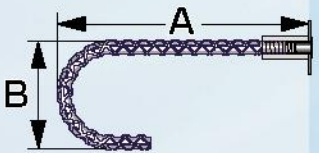
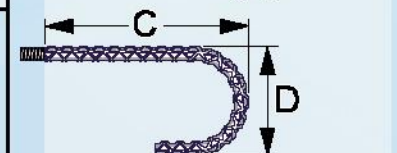
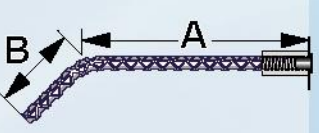
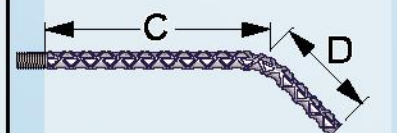
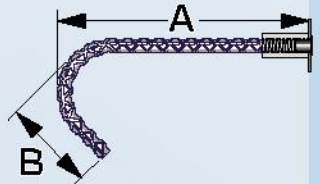
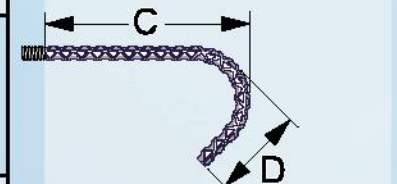

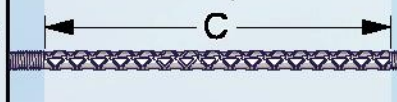
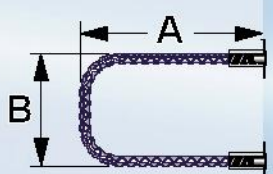
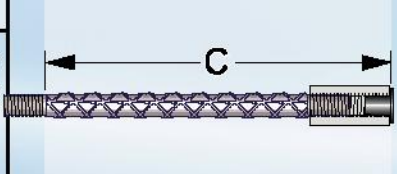
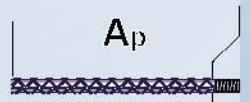

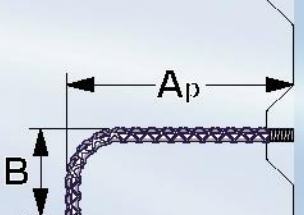
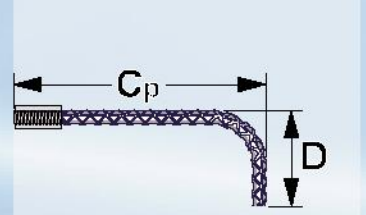
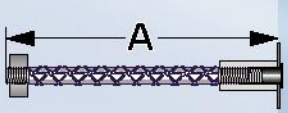
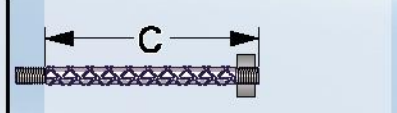
The following chart is an easy way to organize your BPI® 100KSI Barsplicer requirements. Many other configurations can be ordered as shown on the BPI Barsplicer configuration chart... just include the BPI PART NUMBER for easy reference.

QUANTITY	BAR SIZE	100KSI SETTING BARS					100KSI SPLICE BARS						
		PLASTIC FLANGE Y/N	BPI PART NUMBER See Chart	SPECIFY LENGTHS (METERS)			BPI PART NUMBER See Chart	SPECIFY LENGTHS (METERS)					
				'A'	'B'	OTHER		'C'	'D'	OTHER			

Unless otherwise specified, bars shall be ASTM A1035 / A1035M; 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. While the information contained in this document is believed to be accurate at the time of publication, BPI reserves the right to make changes, design modifications, corrections and other revisions as it sees fit, without notice. All products described herein are supplied in accordance with BPI's standard Terms and Conditions of Sale. This document is of a promotional nature only. Aspects of structural design, evaluation of product fitness for use, suitability or similar attributes are the responsibility of others.

# BPI® 100KSI BARSPLICER CONFIGURATION CHART

The following chart shows the dimensions to specify when ordering 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.

100KSI SETTING BAR OPTIONS AND PART NUMBERS		100KSI 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' & 'B'		BS-N	<b>CONTINUITY DOUBLE END</b> Specify 'C'	
BS-J	<b>POSITIONAL STRAIGHT</b> Specify 'Ap'		BS-L	<b>POSITIONAL STRAIGHT</b> Specify 'Cp'	
BS-K	<b>POSITIONAL 90° BEND</b> Specify 'Ap' & 'B'		BS-M	<b>POSITIONAL 90° BEND</b> Specify 'Cp' & 'D'	
BS-S	<b>HEADED STRAIGHT</b> Specify 'A'		BS-T	<b>HEADED STRAIGHT</b> Specify 'C'	

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

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REV E 08/23/2012