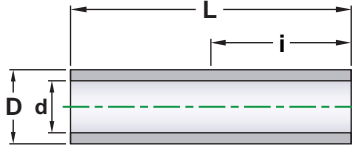


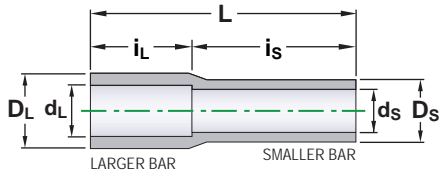
BPI® BarGrip XL COUPLER



REBAR SIZE US [metric]	BarGrip XL PRODUCT CODE	BarGrip XL COLOR CODE*	COUPLER WEIGHT (lb)	COUPLER DIMENSIONS (in)				FIELD INSTALLATION DIMENSIONS (in) (SEE BELOW)					
				LENGTH 'L'	OUTSIDE DIA. 'D'	INSIDE DIA. 'd'	BAR INSERTION 'i'	PRESS MODEL	'H'	'S'	'T'	'X'	'U'
#3 [10]	03XL	ORANGE	0.24	3 1/4	3/4	1/2	1 5/8	BG 250	3 1/4	1 5/8	2	4 5/8	2 1/4
#4 [13]	04XL	PINK	0.40	4	15/16	5/8	2		3 3/4	1 3/4	2 1/8	5	2 3/8
#5 [16]	05XL	RED	0.69	4 3/4	1 1/8	3/4	2 3/8		4 1/4	1 7/8	2 1/4	6 3/4	2 1/2
#6 [19]	06XL	YELLOW	1.25	5 1/2	1 3/8	15/16	2 3/4	BG 400	5 5/8	3	4 1/4	7 5/8	5 1/4
#7 [22]	07XL	BLUE	1.76	6 1/4	1 9/16	1 1/16	3 1/8		6 1/4	3	4 1/2	8 3/4	5 1/2
#8 [25]	08XL	BLACK	2.57	7	1 3/4	1 3/16	3 1/2		6 3/4	3 1/4	4 1/2	9 1/2	5 1/2
#9 [29]	09XL	RED	3.30	7 1/2	1 15/16	1 3/8	3 3/4	BG 750	7 1/2	3 1/4	5 1/4	11 1/2	6 1/4
#10 [32]	10XL	YELLOW	4.52	8 1/4	2 3/16	1 1/2	4 1/8		8	3 1/2	5 1/2	12 1/2	6 1/2
#11 [36]	11XL	BLUE	5.73	9	2 3/8	1 11/16	4 1/2		8 5/8	3 1/2	5 3/4	13 1/8	6 1/2
#14 [43]	14XL	PINK	11.9	11	2 15/16	1 15/16	5 1/2	BG 1140	10 3/8	4 3/4	7	15 1/8	9
#18 [57]	18XL	RED	24.1	14	3 13/16	2 5/8	7		13	5 1/4	8	20 3/4	9 1/2

ALL DIMENSIONS ARE APPROXIMATE

BPI® BarGrip XL TRANSITION SERIES



REBAR SIZE	TRANSITION PRODUCT CODE	COLOR CODE*		COUPLER WEIGHT (lb)	COUPLER DIMENSIONS (in)					FIELD PRESS MODEL		
		LG	SM		LENGTH 'L'	OUTSIDE DIA. LARGE 'DL'	OUTSIDE DIA. SMALL 'Ds'	INSIDE DIA. LARGE 'dL'	INSIDE DIA. SMALL 'ds'		BAR INSERTION LARGE 'iL'	BAR INSERTION SMALL 'iS'
5/4	05/04XL	RED	PINK	0.38	3 7/16	1 1/16	7/8	3/4	5/8	1 3/8	2 1/16	BG 250
6/4	06/04XL	YEL.	PINK	0.60	4 1/16	1 3/8	7/8	15/16	5/8	1 5/16	2 3/4	BG 400
6/5	06/05XL		RED	0.72	4 1/16	1 3/8	1 1/16	15/16	3/4	1 9/16	2 1/2	
7/5	07/05XL	BLUE	RED	1.00	4 3/4	1 9/16	1 1/16	1 1/16	3/4	1 11/16	3 1/16	
7/6	07/06XL		YEL.	1.20	4 3/4	1 9/16	1 3/8	1 1/16	15/16	2 1/16	2 11/16	
8/6	08/06XL	BLK	YEL.	1.72	5 3/8	1 3/4	1 3/8	1 3/16	15/16	2 1/2	2 7/8	BG 750
8/7	08/07XL		BLUE	1.75	5 3/8	1 3/4	1 9/16	1 3/16	1 1/16	2 1/2	2 7/8	
9/7	09/07XL	RED	BLUE	1.90	6 1/8	1 15/16	1 9/16	1 5/16	1 1/16	2 7/8	3 1/4	
9/8	09/08XL		BLK	2.50	6 1/8	1 15/16	1 3/4	1 5/16	1 3/16	2 7/8	3 1/4	
10/8	10/08XL	YEL.	BLK	3.50	6 7/8	2 3/16	1 3/4	1 1/2	1 3/16	2 15/16	3 15/16	BG 1140
10/9	10/09XL		RED	3.52	6 7/8	2 3/16	1 15/16	1 1/2	1 5/16	3 1/16	3 13/16	
11/8	11/08XL	BLUE	BLK	3.79	7 1/4	2 3/8	1 3/4	1 5/8	1 3/16	2 5/8	4 5/8	
11/9	11/09XL		RED	3.95	7 1/4	2 3/8	1 15/16	1 5/8	1 5/16	3 1/8	4 1/8	
11/10	11/10XL	PINK	YEL.	4.38	7 1/4	2 3/8	2 3/16	1 5/8	1 1/2	3 1/4	4	BG 1140
14/10	14/10XL		YEL.	6.90	8 7/8	2 7/8	2 3/16	1 15/16	1 1/2	3 5/8	5 1/4	
14/11	14/11XL	RED	BLUE	7.05	8 7/8	2 7/8	2 3/8	1 15/16	1 5/8	3 5/8	5 1/4	
18/11	18/11XL		BLUE	14.6	11 9/16	3 13/16	2 3/8	2 5/8	1 5/8	4 1/8	7 7/16	
18/14	18/14XL	PINK	16.7	11 9/16	3 13/16	2 7/8	2 5/8	1 15/16	4 1/8	7 3/16		

ALL DIMENSIONS ARE APPROXIMATE

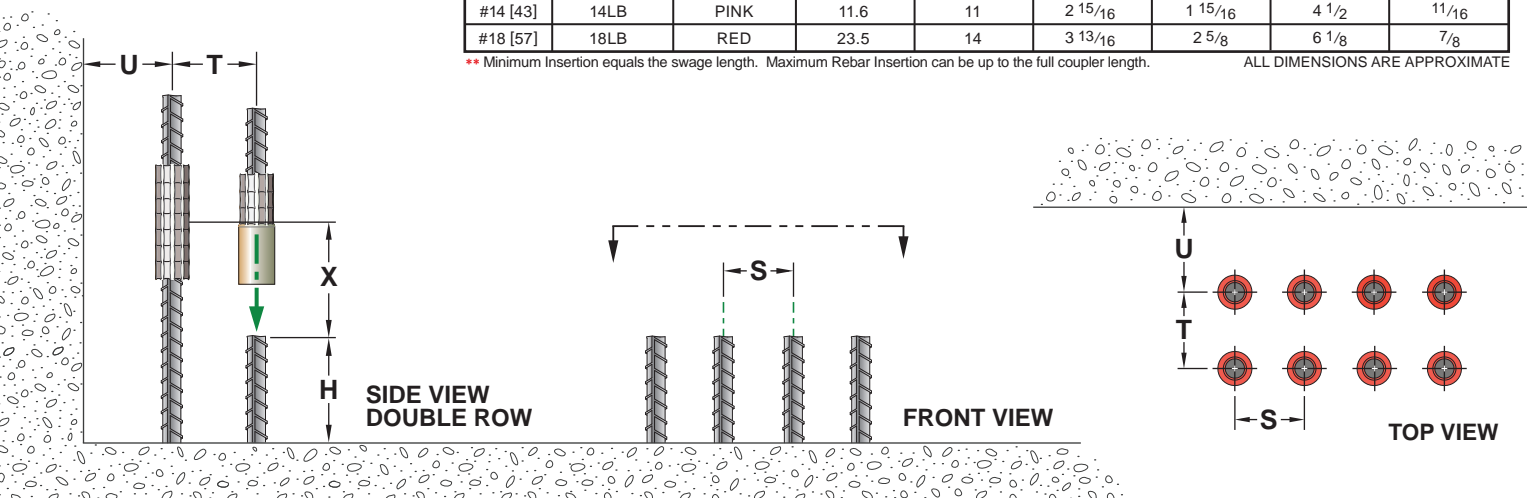
BarGrip STRUCTURAL CONNECTOR



REBAR SIZE US [metric]	BarGrip XL PRODUCT CODE	BarGrip XL COLOR CODE*	COUPLER WEIGHT (lb)	DIMENSIONS (in)				
				LENGTH 'L'	OUTSIDE DIA. 'D'	INSIDE DIA. 'd'	MINIMUM INSERTION 'im'***	WELDING BEVEL 'W'
#3 [10]	03LB	ORANGE	0.24	3 1/4	3/4	1/2	1	3/16
#4 [13]	04LB	PINK	0.39	4	15/16	5/8	1 1/4	3/16
#5 [16]	05LB	RED	0.67	4 3/4	1 1/8	3/4	1 5/8	1/4
#6 [19]	06LB	YELLOW	1.22	5 1/2	1 3/8	15/16	1 7/8	1/4
#7 [22]	07LB	BLUE	1.72	7 1/4	1 9/16	1 1/16	2 1/4	5/16
#8 [25]	08LB	BLACK	2.50	7	1 3/4	1 3/16	2 1/2	3/8
#9 [29]	09LB	RED	3.20	6 1/2	1 15/16	1 3/8	2 3/4	7/16
#10 [32]	10LB	YELLOW	4.40	8 1/4	2 3/16	1 1/2	3 1/8	1/2
#11 [36]	11LB	BLUE	5.55	9	2 3/8	1 11/16	3 1/2	9/16
#14 [43]	14LB	PINK	11.6	11	2 15/16	1 15/16	4 1/2	11/16
#18 [57]	18LB	RED	23.5	14	3 13/16	2 5/8	6 1/8	7/8

*** Minimum Insertion equals the swage length. Maximum Rebar Insertion can be up to the full coupler length.

ALL DIMENSIONS ARE APPROXIMATE



BPI® BarGrip SWAGING EQUIPMENT

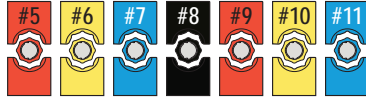
[See BarGrip Splicing Manual (SM02) for more details]

BPI® Equipment is available for lease or purchase.

Equipment must be used in accordance with manuals, lease agreements, manufacturers' directions and all safety instructions.

BG750M

MIDSIZE FIELD PRESS
weighs 90 lbs [41 kg]
(mostly used on #8, #9, #10 & #11 bar)



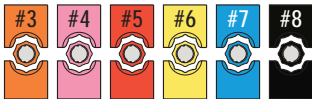
BG1140M

HEAVY-DUTY FIELD PRESS
weighs 200 lbs [91 kg]
(mostly used on #10, #11, #14 & #18 bar)



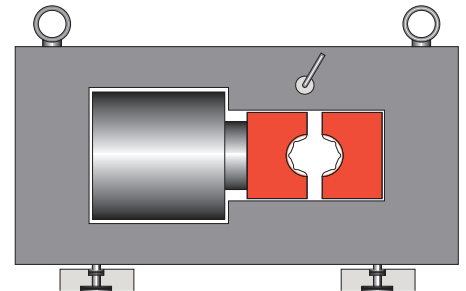
BG400

COMPACT FIELD PRESS
weighs 60 lbs [28 kg]
(mostly used on #6, #7 & #8 bar)



BG250

MINI FIELD PRESS
weighs 20 lbs [9 kg]
(mostly used on #4 & #5 bar)



BP2600

BENCH PRESS for swaging all sizes up to No. 18 [Ø 57mm]
weighs 1,600 lbs [725 kg]

Double acting cylinder produces 300 tons of force connected to 10 or 15 hp pump for high fabrication shop productivity.

Press includes foot control, lifting eyes and leveling feet.



BPI® swaging equipment for the installation of **BarGrip** cold swaged coupling sleeves and structural connectors consists of a hydraulic **PRESS, PUMP** and **HOSE** with suitable swaging **DIES**.

Press models for field swaging range in size from the BG 250 for splicing #3–5 reinforcement bars (Ø10–16 mm), to the BG 1140M for splicing bars up to #18 (Ø57 mm). Each press is provided with a lifting handle and/or lifting eye for support. With a simple change of the die set, each press is capable of swaging multiple sizes of coupling sleeve inclusive of BarGrip XL, XL Transitions and Structural Connectors. For ease of use, dies and coupling sleeves are stamped and color-coded to match.

A hydraulic pump (electrically-driven or gasoline-driven) connects to the press by means of a hose with quick-disconnect ends. The equipment operator depresses a foot control to actuate the system. As the ram of the press extends and pushes the dies towards each other, a portion of the coupling sleeve is forced to deform around the rebar and interlock with the bar profile. When each swaging bite has been completed, a pressure switch, built into the pump, automatically stops the process to allow the ram of the press to retract for the next bite. After a coupling sleeve has been fully swaged, the operator simply removes the outer die pin and slides the outer die out of the press for convenient removal of the press from around the spliced rebar.

Pump Model	PE 55	PE 400	PG 400
Driver	1 ½ HP Electric Motor	10 HP Electric Motor	18 HP Gasoline Engine
Power Supply	115V 1-phase	230V or 460V 3-phase	Battery Start
Weight with fluid	147 lbs (66 kg)	605 lbs (274 kg)	545 lbs (247 kg)
Most common use	Rebar #3 - #11 [Ø10-36mm]	Rebar #9 - #18 [Ø28-57mm]	Rebar #9 - #18 [Ø28-57mm]
Attributes	Compact / Maneuverable	Fast / High volume jobs	No power supply required

A BPI BP 2600 Bench Press can be utilized by the rebar fabricator to efficiently half-swage coupling sleeves to reinforcement bar ahead of shipping, thereby saving time and labor on the jobsite.

NOTE: In lieu of shop half-swaging with a Bench Press, it may sometimes be appropriate to use a field press such as a BG 750M or BG 1140M – Contact BPI for assistance with your specific application.

* COLOR CODE OF COUPLER MUST MATCH COLOR OF DIE SET

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