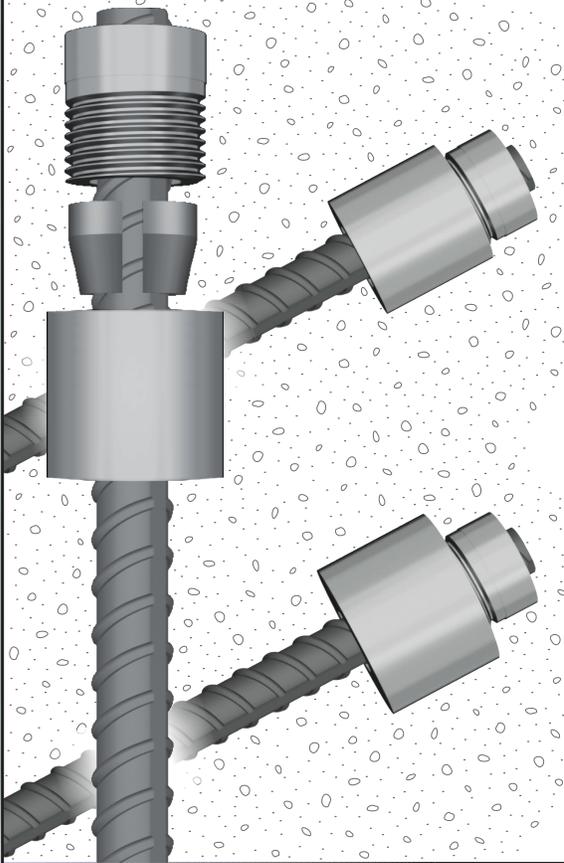




**FIELD INSTALLED
THREADED TERMINATION
HEADED REINFORCEMENT**





BPI® FITT® – 5Ab

FIELD INSTALLED THREADED TERMINATION HEADED REINFORCEMENT

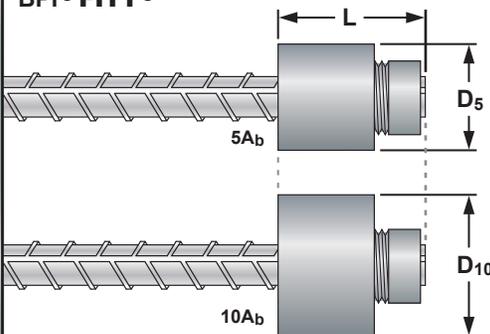
- **5Ab HEAD** – A standard head size for most applications. For transmitting bond force from the reinforcing bar to concrete by a combination of head bearing and development length.
- **EASY FIELD INSTALLATION** – Attaches directly to reinforcing bar easily and quickly in the field with no special equipment or torque required.
- **ACI 318 & ASTM A970** – Bar connections exceed the specified yield strength (f_y) of ASTM A615 Grade 60 or ASTM A706 Grade 60 reinforcement, as required by ACI 318-19. Confirming in-air tests exceed the specified tensile strength (f_u) per ASTM A970 Class A and Class HA for uncoated Grades 60 reinforcing bars.
- **HIGH STRENGTH BARS** – Confirming in-air tests exceed specified tensile strength (f_u) when installed on ASTM A615 Grades 75 & 80 and A706 Grade 80 uncoated deformed bars.
- **KEY ADVANTAGES** – Replaces hooks or hook extensions – avoids complex stress patterns – alleviates congestion. No heat, welding or forging required. No special chemistry or rebar grade requirements. No bending or possible cracking of rebar. For beam-column joints, knee joints, pile caps, column roof slab connections.
- **CONVENIENCE** – No special bar end preparation or thread cutting. For bar sizes #4 – #11 (Ø 13 – 36 mm).

BPI® FITT® – 10Ab

FIELD INSTALLED THREADED TERMINATION HEADED REINFORCEMENT

- **10Ab HEAD** – Larger bearing face area to fully develop the reinforcing bar by head bearing alone.
- **EASY FIELD INSTALLATION** – Attaches directly to reinforcing bar easily and quickly in the field with no special equipment or torque required.
- **ACI 318 & ASTM A970** – Bar connections exceed the specified yield strength (f_y) of ASTM A615 Grade 60 or ASTM A706 Grade 60 reinforcement, as required by ACI 318-19. Confirming in-air tests exceed the specified tensile strength (f_u) per ASTM A970 Class A and Class HA for uncoated Grades 60 reinforcing bars.
- **HIGH STRENGTH BARS** – Confirming in-air tests exceed specified tensile strength (f_u) when installed on ASTM A615 Grades 75 & 80 and A706 Grade 80 uncoated deformed bars.
- **KEY ADVANTAGES** – Capable of developing the reinforcing bar at the head without the need for additional rebar development length. Alleviates congestion. Quick and easy jobsite assembly.
- **CONVENIENCE** – No special bar end preparation or thread cutting. For bar sizes #4 – #11 (Ø 13 – 36 mm).

BPI® FITT®



REBAR SIZE US [Metric]	BPI® FITT® ITEM CODE		OVERALL LENGTH 'L' (in)	DIMENSIONS			
	5Ab	10Ab		5Ab		10Ab	
				DIAMETER 'D ₅ ' (in)	WEIGHT (lb)	DIAMETER 'D ₁₀ ' (in)	WEIGHT (lb)
#4 [13]	04FITT5	04FITT10	2 3/8	1 3/8	0.61	1 3/4	1.00
#5 [16]	05FITT5	05FITT10	2 1/2	1 3/4	1.02	2 1/8	1.54
#6 [19]	06FITT5	06FITT10	2 7/8	2 1/8	1.82	2 3/8	2.31
#7 [22]	07FITT5	07FITT10	3 3/16	2 3/8	2.46	2 3/4	3.41
#8 [25]	08FITT5	08FITT10	3 5/8	2 3/4	3.98	3 1/4	5.78
#9 [29]	09FITT5	09FITT10	4 3/8	3	5.75	3 3/4	9.42
#10 [32]	10FITT5	10FITT10	4 5/8	3 3/8	8.16	4	12.0
#11 [36]	11FITT5	11FITT10	5 5/16	3 3/4	10.6	4 1/2	15.9

ALL DIMENSIONS ARE APPROXIMATE

HOW TO SPECIFY BPI® FITT® HEADED REINFORCEMENT

	By Name:	By Generic Description:
BAR-TO-HEAD	BPI® FITT®** by BarSplice Products, Inc., Dayton OH	Headed Reinforcement shall be Field Installed Threaded Termination type, installed to produce a 5Ab or 10Ab Head. (Specify size as required)

** Include bar size(s), bar type and grade. Include statement: "Parts shall be manufactured to the quality requirements of ISO 9001."

BPI® FITT® headed devices are made from high quality steel meeting the chemistry and grade requirements of ASTM A519 or ASTM A576. Installed termination performance satisfies the **CLASS A** and **CLASS HA** requirements of ASTM A970 and ACI 318-19 Chapter 20.2.1.6. Develops the specified tensile strength of uncoated ASTM A615 Grade 60, 75 & 80 or ASTM A706 Grade 60 & 80 reinforcing bar.

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