



**FIELD INSTALLED
THREADED TERMINATION
HEADED REINFORCEMENT**



BPI® FITT® – 5Ab

FIELD INSTALLED THREADED TERMINATION HEADED REINFORCEMENT

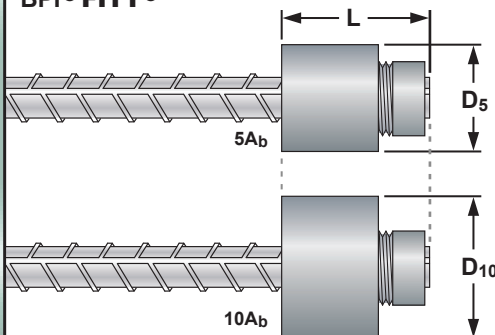
- **5Ab HEAD** – A standard head size for most applications. For transmitting bond force from the reinforcing bar to concrete by a combination of head bearing and development length.
- **EASY FIELD INSTALLATION** – Attaches directly to reinforcing bar easily and quickly in the field with no special equipment 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		DIAMETER 'D5' (in)	WEIGHT (lb)	DIAMETER 'D10' (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.

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.



**DOWNLOAD THE FREE BARSPlice APP
AND FOLLOW US ON SOCIAL MEDIA!**



Barsplice Products, Inc., 4900 Webster Street, Dayton OH 45414, USA
Tel: 937-275-8700 • www.barsplice.com • e-mail: bar@barsplice.com

Copyright © 2024, Barsplice Products, Inc., "BPI". All rights reserved.

