



**FIELD INSTALLED
THREADED TERMINATION
HEADED REINFORCEMENT
[METRIC]**



BPI® FiTT® – 5Ab

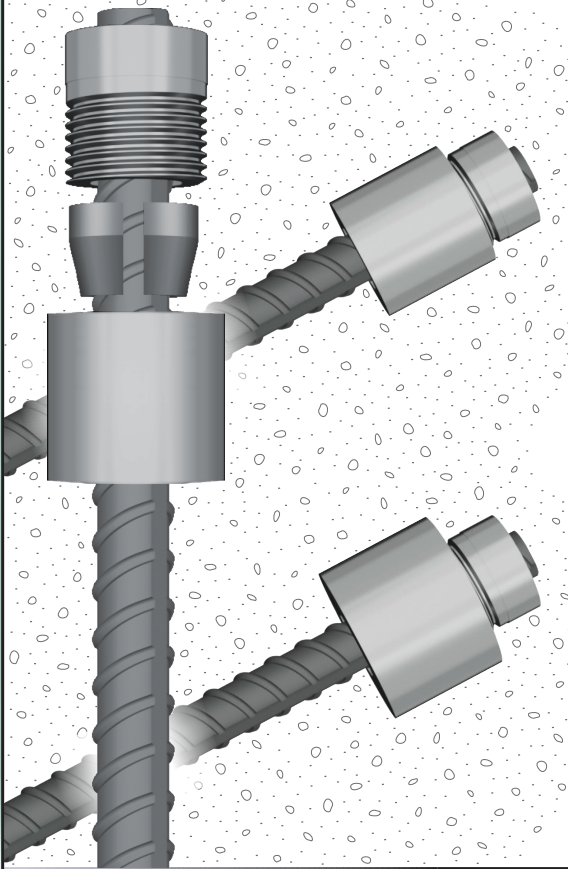
FIELD INSTALLED THREADED TERMINATION HEADED REINFORCEMENT

- **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 Ø 12 – 36 mm (15M – 35M).

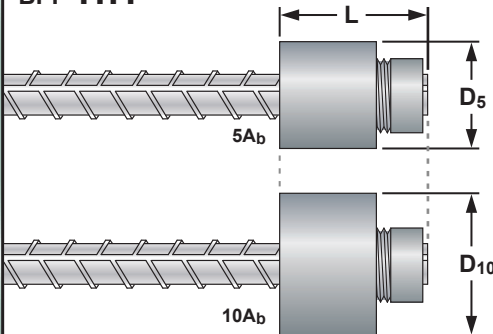
BPI® FiTT® – 10Ab

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 Ø 12 – 36 mm (15M – 35M).



BPI® FiTT®



REBAR SIZE	BPI® FiTT® ITEM CODE		OVERALL LENGTH 'L' (mm)	DIMENSIONS			
	5Ab	10Ab		5Ab		10Ab	
				DIAMETER 'D ₅ ' (mm)	WEIGHT (kg)	DIAMETER 'D ₁₀ ' (mm)	WEIGHT (kg)
12	04FiTT5	04FiTT10	60	35	0.28	45	0.46
16 [15M]	05FiTT5	05FiTT10	62	45	0.46	54	1.70
20 [20M]	06FiTT5	06FiTT10	73	54	0.83	61	1.05
22	07FiTT5	07FiTT10	81	61	1.11	70	1.55
25 [25M]	08FiTT5	08FiTT10	92	70	1.81	83	2.62
28 [30M]	09FiTT5	09FiTT10	110	76	2.61	95	4.27
32	10FiTT5	10FiTT10	117	86	3.70	102	5.46
36 [35M]	11FiTT5	11FiTT10	134	95	4.82	114	7.23

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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