

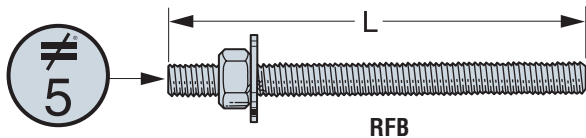
**RFB Retrofit Bolts**

RFBs are clean, oil free, pre-cut threaded rod, supplied with nut and washer. Offers a complete engineered anchoring system when used with Simpson Strong-Tie® adhesive. Inspection is easy; the head is stamped with rod length and “No Equal” symbol for identification after installation.

**MATERIAL:** A307 Grade C

**FINISH:** Zinc Plated (*unless otherwise noted*), available in HDG (per ASTM A153); stainless steel (RFB#5x8SS only).

See page 33-36 for application information and request technical bulletin T-ANCHORSPEC for additional product use information (*see page 191 for details*).



These products feature additional corrosion protection. Additional products on this page may also be available with this option, check with Simpson Strong-Tie for details.

Model No.	Length L (in)	Bolt Diameter
RFB#4X4	4	1/2
RFB#4X5	5	1/2
RFB#4X6	6	1/2
RFB#4X7	7	1/2
RFB#4X10	10	1/2
RFB#4x8HDG-R	8	1/2
RFB#5X5	5	5/8
RFB#5X8	8	5/8
RFB#5X10	10	5/8
RFB#5X12HDG-R	12	5/8
RFB#5X16	16	5/8
RFB#6X10.5	10 1/2	3/4

1. RFB#4X8HDG-R and RFB#5X12HDG-R are only available with a hot-dip galvanized coating. They are retail packaged and are sold 10 per carton.
2. Washer provided on all RFB (*except RFB#5x8SS*).

**CNW/HSCNW Coupler Nuts**

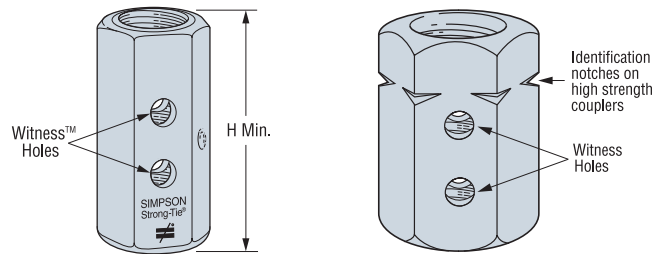
Simpson Strong-Tie® coupler nuts are a tested and load rated method to join threaded rod and anchor bolts. “Witness” holes in the nut provide a means to verify when rods are properly installed. The positive stop feature helps ensure even threading into each end of the nut. CNW’s meet and exceed the capacity of corresponding ASTM A36 bolts and threaded rod. HSCNW’s meet and exceed the capacity of corresponding ASTM A449 bolts and threaded rod. Contact Simpson Strong-Tie for other coupler nut sizes.

**FINISH:** Zinc Plated

**INSTALLATION:**

- Tighten the two until each all-thread rod is visible in the witness hole.
- For non-hot-dip galvanized all-thread rod only.
- 5/8" and 7/8" diameter couplers available with oversized threads for installation to hot-dip galvanized bolts (*order CNW5/8-5/8OST and CNW7/8-7/8OST*).

**CODES:** See page 12 for Code Reference Key Chart.

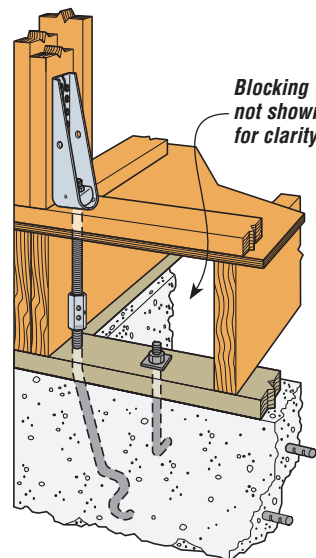


**CNW**  
Allows fast visual check for correct all thread rod installation

**HSCNW**  
High Strength Coupler Nut

Model No.	Rod Diameter	H Min	Allowable Tension Capacity (lbs.) (100)	Code Ref.
CNW1/2	0.500	1 1/2	3750	170
CNW5/8	0.625	1 3/8	5875	
CNW3/4	0.750	2 1/4	8460	
CNW7/8	0.875	2 1/2	11500	
CNW1	1.000	2 3/4	15035	
CNW1 1/4	1.250	3	23490	
HSCNW3/4	0.750	2 1/4	17495	
HSCNW1	1.000	2 3/4	31100	
Transition Couplers				
CNW5/8-1/2	0.625 to 0.500	1 1/2	3750	170
CNW3/4-5/8	0.750 to 0.625	1 3/4	5875	
CNW7/8-5/8	0.875 to 0.625	2	5875	
CNW1-7/8	1.000 to 0.875	2 1/4	11500	

1. Allowable loads may be increased as permitted by the applicable building code.
2. Allowable loads shown are based on threaded rod allowable load.



**Typical CNW**  
Rim Joist Installation