BP/LBP *Bearing Plates*

Bearing plates give greater bearing surface than standard cut washers, and help distribute the load at these critical connections.

The BP½-3 and BP⅝-3 are available uncoated or with a hot-dip galvanized (HDG) finish.

MATERIAL: See table

FINISH: LBP, LBPS & BP⅝S—Galvanized; BP⅞-2—Zinc Plated; BPS, BP—None. BP's may be ordered HDG; LBP and LBPS products may be ordered ZMAX®; check with Simpson Strong-Tie. Refer to page 12–13 for Corrosion Information.

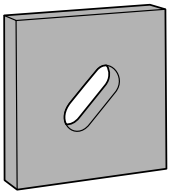
INSTALLATION: See General Notes.

CODES: See page 8 for Code Listing Key Chart.

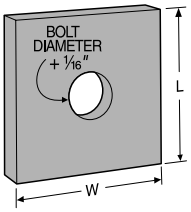
These products are available with additional corrosion protection. Additional products on this page may also be available with this option, check with Simpson Strong-Tie for details.

Model No.	Thickness	Dimensions		Bolt Dia.	Code Ref.
		W	L		
LBP½	9/64	2	2	½	180
LBP⅝	9/64	2	2	⅝	
LBPS½	9/64	3	3	½	180
LBPS⅝	9/64	3	3	⅝	
BPS½-3	3 ga	3	3	½	180
BPS⅝-3	3 ga	3	3	⅝	
BP½	3/16	2	2	½	L8, 180
BP½-3	3 ga	3	3	½	180
BP⅝-2	3/16	2	2	⅝	
BP⅝	¼	2½	2½	⅝	L8
BP⅝-3	3 ga	3	3	⅝	180
BP¾	5/16	2¾	2¾	¾	L8
BP¾-3	3 ga	3	3	¾	180
BPS¾-3	3 ga	3	3	¾	
BP⅞-2	⅜	1 15/16	2¼	⅞	180
BP⅞	5/16	3	3	⅞	L8
BP1	⅜	3½	3½	1	

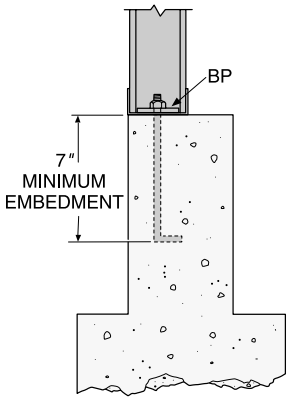
1. Standard cut washer required with BPS½-3 and BPS⅝-3 and BPS¾-3 (not provided) per the 2006 IRC and IBC.



BPS
(LPBS similar)



BP
(LBP similar)



Typical BP Installed with a Bottom Track Anchor Bolt

CNW *Coupler Nuts*

Simpson Strong-Tie coupler nuts are tested and load rated to join threaded rod and anchor bolts. "Witness" holes in the nut provide a means to verify when rods are properly installed. The holes are aligned to allow inspection of both rods from one viewpoint. The positive stop feature helps ensure even threading into each end of the nut. CNW's meet and exceed the capacity of corresponding ASTM F1554 Grade 36 bolts and threaded rod. HSCNW's meet and exceed the capacity of corresponding ASTM A449 and ASTM A193 Grade B7 bolts and threaded rod. Contact Simpson Strong-Tie for other coupler nut sizes.

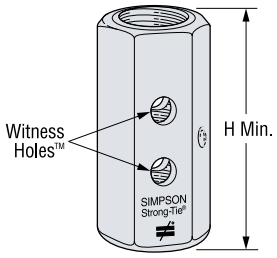
FINISH: Zinc Plated

INSTALLATION:

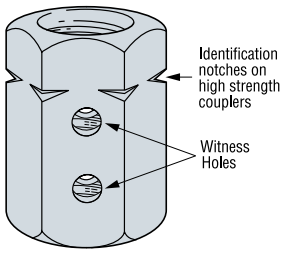
- Tighten the two rods until each all-thread rod is visible in the witness hole.
- For reducer couplers, tighten the coupler into the larger rod first.
- For non-hot dipped galvanized all-thread rod only.
- ⅝" and ⅞" diameter couplers available with oversized threads for installation to galvanized bolts *(order CNW⅝–⅝OST and CNW⅞–⅞OST)*.

CODES: See page 8 for Code Listing Key Chart.

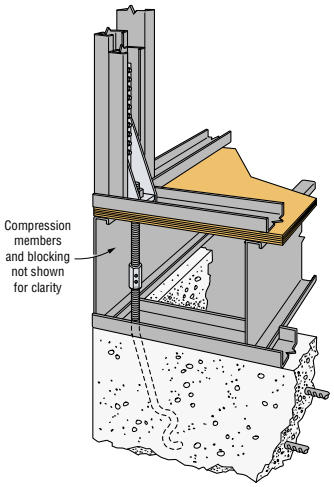
Model No.	Rod Diameter	H Min	Code Ref.
CNW½	0.500	1½	170
CNW⅝	0.625	1⅞	
CNW¾	0.750	2¼	
CNW⅞	0.875	2½	
CNW1	1.000	2¾	
CNW1¼	1.250	3	
HSCNW¾	0.750	2¼	
HSCNW1	1.000	2¾	
Transition Couplers			
CNW⅝-½	0.625 to 0.500	1½	
CNW¾-⅝	0.750 to 0.625	1¾	
CNW⅞-⅝	0.875 to 0.625	2	
CNW1-⅞	1.000 to 0.875	2¼	



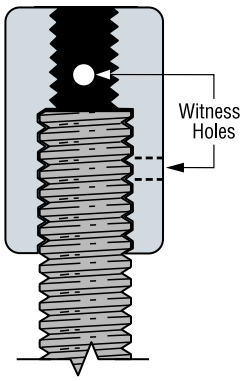
CNW allows fast visual check for correct all thread rod installation



HSCNW High Strength Coupler Nut



Typical CNW Rim Joist Installation



CNW Transition Coupler Nut