

RPS

Strap Ties

The RPS meets IBC, IRC and City of Los Angeles code requirements for HVAC and pipes in walls.

Finish: Galvanized, some products available in ZMAX® coating. See Corrosion Information, pp. 15–18.

Installation:

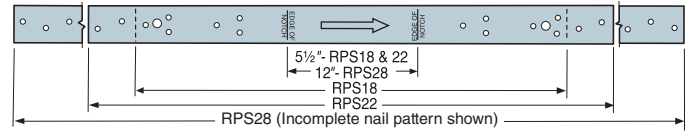
- Use all specified fasteners; see General Notes

Codes: See p. 14 for Code Reference Key Chart

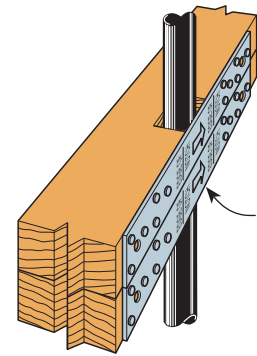
Use RPS22 or RPS28 (16 gauge) to reinforce top plate.

Use RPS18Z, RPS22Z or RPS28Z (16 gauge ZMAX) to reinforce sill plate.

- International Residential Code® – 2012/2015 R602.6.1
- International Building Code® – 2012 2308.9.8; 2015 2308.5.8



RPS



For installations on both sides of the plate, arrows should always point to the right.

Typical RPS Installation
(Only one strap may be necessary to meet IRC requirements)

These products are available with additional corrosion protection. For more information, see p. 18.

Model No.	Ga.	Dimensions (in.)		Notch Width	Fasteners (Total)	Allowable Tension Loads (DF/SP)	Allowable Tension Loads (SPF/HF)	Code Ref.
		W	L					
RPS18	16	1 1/2	18 5/16	≤ 5 1/2"	(12) 16d	1,380	1,190	I16, L9, FL
RPS22		1 1/2	22 5/16	≤ 5 1/2"	(12) 16d	1,380	1,190	
		1 1/2	22 5/16	≤ 5 1/2"	(16) 16d	1,805	1,585	
RPS28		1 1/2	28 5/16	≤ 12"	(12) 16d	1,380	1,190	
	1 1/2	28 5/16	≤ 12"	(16) 16d	1,805	1,585		

1. Loads include a 60% load duration increase on the fasteners for wind or earthquake loading.
2. To meet the prescriptive IRC requirement 10d x 1 1/2" (0.148" dia. x 1 1/2" long) may be used.
3. **Nails:** 16d = 0.162" dia. x 3 1/2" long. See pp. 26–27 for other nail sizes and information.

J/JP

Floor Beam Levelers

Jack piers and standard floor beam levelers offer unique leveling simplicity during and after construction.

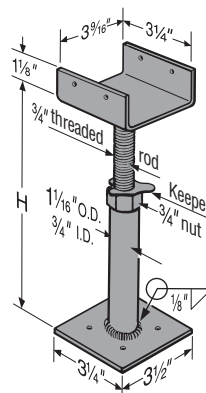
Material: 12 gauge plates, 3/4" threaded rod, 1 1/16" O.D. steel pipe

Finish: None

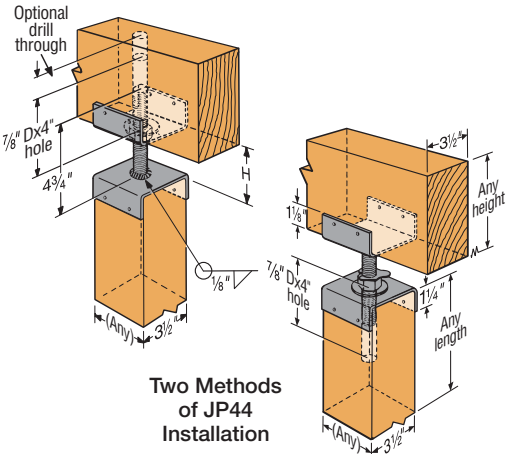
Installation:

- Use all specified fasteners; see General Notes
- Holes are provided for installation with (4) 10d x 1 1/2" nails
- Do not use J/JPs for dynamic jacking of structures, such as houses

Codes: See p. 14 for Code Reference Key Chart



J57 Floor Beam Leveler



Two Methods of JP44 Installation

Model No.	Dimensions		Allowable Bearing Loads (DF/SP/SPF/HF) (100)	Code Ref.
	H (Min.–Max.) (in.)	Threaded Rod Length (in.)		
JP44	2–4	4 3/4	4,440	170
J57	5–7	4	4,380	

1. Post design by Designer. See pp. 383–385 for post allowable loads.
2. Loads may not be increased for short-term loading.
3. **Nails:** 10d x 1 1/2" = 0.148" dia. x 1 1/2" long. See pp. 26–27 for other nail sizes and information.