

# OVER 40 MASONRY APPLICATIONS AVAILABLE ON OUR WEB SITE

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All Bulletins include: Installation Instructions, Fastener Schedules, & Allowable Loads

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TECH BULLETIN

**USP TECHNICAL BULLETIN  
RT24F Masonry Application**

**Masonry Installation Option for RT24F Strap Rafter Tie**

USP's RT24F Strap Rafter Tie can be used to connect plated wood trusses or rafters to masonry wall structures. Allowable loads are based upon the proper use of fasteners installed per manufacturer's specifications:

- Masonry screw shall be 3/8" diameter.
- Minimum masonry screw embedment shall be 1 3/4".
- Install masonry screws only in shaded fastener holes as indicated on illustration to achieve listed loads.

Wall Thk. (in.)	Max. Height (ft.)	Minimum Embedment (in.)		Allowable Load (kips)	
		1/2" Dia.	3/8" Dia.	1/2" Dia.	3/8" Dia.
8"	12'	1 3/4"	1 3/4"	10	10
8"	12'	1 3/4"	1 3/4"	10	10
8"	12'	1 3/4"	1 3/4"	10	10
8"	12'	1 3/4"	1 3/4"	10	10

**USP TECHNICAL BULLETIN  
THD48 Masonry Application**

**Masonry Installation Option for THD48 Truss Hanger**

USP's THD48 Truss Hanger can be used to connect 4x8 or 4x10 plated wood trusses, rafters, or joists to masonry wall structures. Allowable loads are based upon the proper use of fasteners installed per manufacturer's specifications:

- Masonry screw shall be 3/8" diameter.
- Minimum masonry screw embedment shall be 1 3/4".
- Install masonry screws only in shaded fastener holes as indicated on illustration to achieve listed loads.
- Hanger applications are designed to meet minimum edge distance requirements when installed flush to the top of the concrete masonry unit.

Wall Thk. (in.)	Max. Height (ft.)	Minimum Embedment (in.)		Allowable Load (kips)	
		1/2" Dia.	3/8" Dia.	1/2" Dia.	3/8" Dia.
8"	12'	1 3/4"	1 3/4"	10	10
8"	12'	1 3/4"	1 3/4"	10	10
8"	12'	1 3/4"	1 3/4"	10	10
8"	12'	1 3/4"	1 3/4"	10	10

**RT24F & THD48  
Masonry Application  
Technical Bulletins**

USP supplies quality products to build Stronger Safer Structures

**USP STRUCTURAL CONNECTORS**  
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