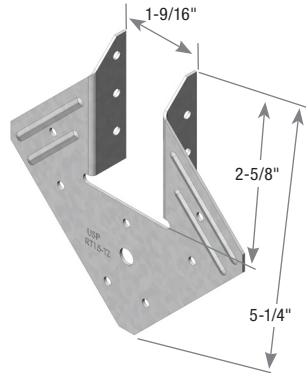
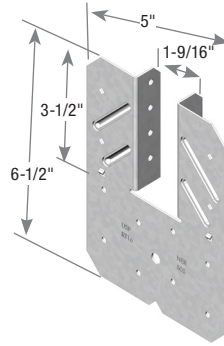
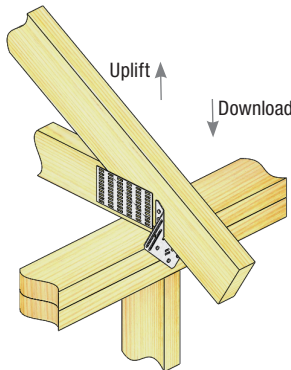
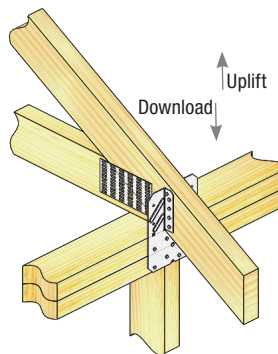
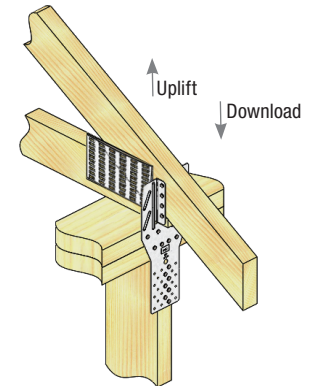


Supplemental Bearing of Hurricane Ties



The USP RT15, RT16A, and LUGT1 are designed and typically used to resist uplift and lateral forces applied to roof framing members from wind and seismic events. In addition, these products will provide supplemental bearing capacity of roofing members resting on the top of a supporting wall. See Table 1 below for additional bearing resistance for roof-to-wall connections.


RT15

RT16A

LUGT1

Typical RT15 installation

Typical RT16A installation

Typical LUGT1 installation
Table 1

USP Stock No.	Steel Gauge	Fastener Schedule ⁴						Bearing Condition	DF Factored Resistance (Lbs)	S-P-F Factored Resistance (Lbs)
		Truss/ Rafter		Plate		Stud			Bearing 100%	Bearing 100%
		Qty	Type	Qty	Type	Qty	Type			
RT15	18	5	8d x 1-1/2	5	8d	--	--	Part Alone	880	805
								Part + 2x4 Wall Plate	5145	4035
								Part + 2x6 Wall Plate	7580	5880
RT16A	18	9	10d x 1-1/2	8	10d	--	--	Part Only	1730	1590
								Part + 2x4 Wall Plate	5995	4820
								Part + 2x6 Wall Plate	8430	6665
LUGT1	18	8	8d x 1-1/2	8	8d x 1-1/2	7	8d x 1-1/2	Part Only	1410	1290
								Part + 2x4 Wall Plate	5675	4520
								Part + 2x6 Wall Plate	8110	6365

1) Factored resistance for "Part Only" is the minimum of the nail lateral resistance (per CSA O86-14 Clause 12.9) and the 1/8" deflection limit.

2) Factored bearing resistances are based on 1-1/2" member bearing on a wall plate. Where supported and supporting members are different species, use the lower of the two values.

3) Table values are for standard term load duration $K_D = 1.00$; adjust for other load durations where applicable.

4) **NAILS:** 8d x 1-1/2 are 0.131" dia. x 1-1/2" long, 10d nails are 0.148" dia. x 3" long, 10d x 1-1/2 are 0.148" dia. x 1-1/2" long.

Customer Service & Technical Assistance

Phone: 1-855-633-2725

Email: mbp-orders@mitek.ca

USPconnectors.com