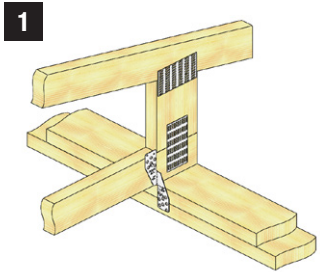


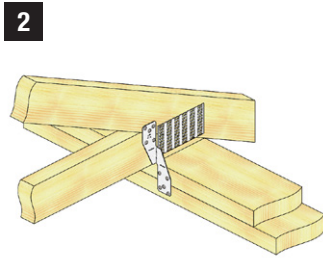


Uplift Connector Options

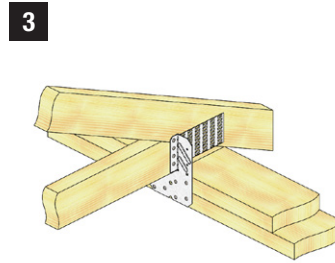
Truss to wall connectors for wood frame construction



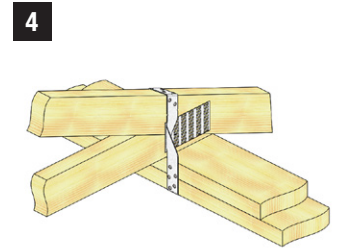
Single RT7AT



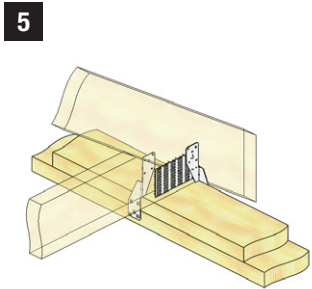
**Single RT7A
(RT8A similar)**



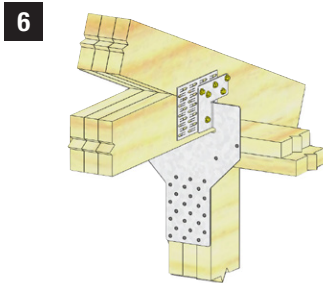
**Single RT16A
(RT16-2 similar)**



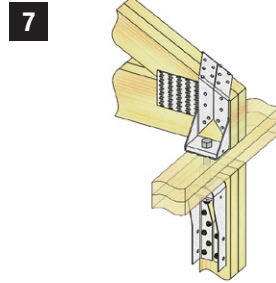
**Single MTW12
(Double MTW12 requires
installation of second MTW12
strap on opposite side of wall)**



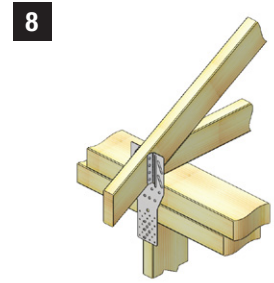
**Double RT7A
(Double RT7AT & RT8A similar)**



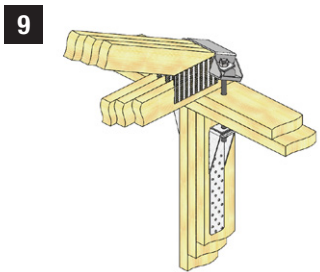
**Single LUGT3
(LUGT2 similar)**



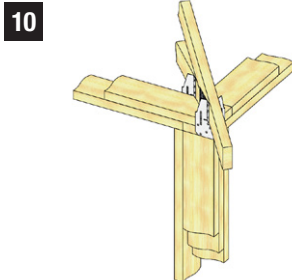
Single MUGT15



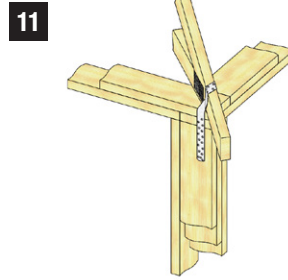
Single LUGT1



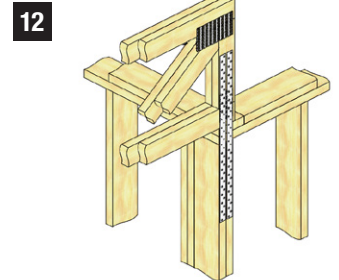
**Single HUGT3 / HTT45
(HUGT2, HUGT4 similar)**



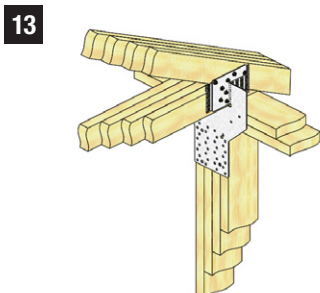
**Double HHCP2
(Single HHCP2 similar)**



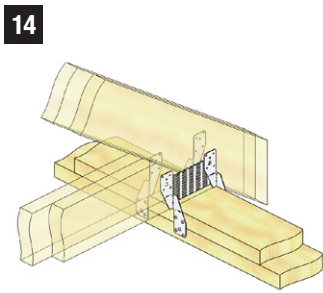
**Single MTW20
(Double MTW12 similar)**



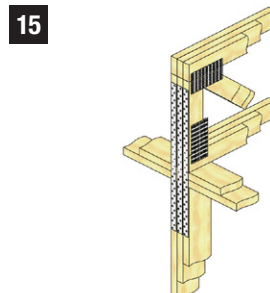
Double RS Strapping



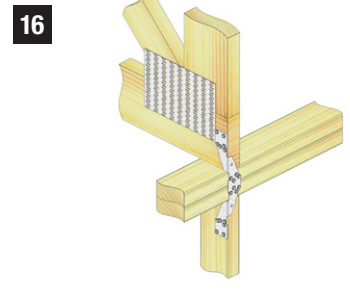
LUGT4



Quadruple RT7A



RS Strapping



Single RT10



Uplift Connector Options

Truss to wall connectors for wood frame construction

Application	MiTek Stock No.	No. of Connectors	Total Fasteners ^{5,6}		DF/SP Allowable Loads	SPF/HF Allowable Loads	Figure No.
			To Truss	To Wall	Uplift 160% ^{1,4}	Uplift 160% ^{1,4}	
1-Ply Truss	RT7AT	1	(5) 8d x 1-1/2	(5) 8d x 1-1/2	480	425	1
	RT7A	1	(5) 8d x 1-1/2	(5) 8d x 1-1/2	630	510	2
	RT8A	1	(5) 10d x 1-1/2	(5) 10d x 1-1/2	750	660	2
	RT10	1	(6) 8d x 1-1/2	(14) 8d x 1-1/2	515	460	16
	MTW12	1	(7) 10d x 1-1/2	(7) 10d x 1-1/2	965	810	4
	RT7AT	2	(10) 8d x 1-1/2	(10) 8d x 1-1/2	960	850	5
	RT7A	2	(10) 8d x 1-1/2	(10) 8d x 1-1/2	1260	1020	5
	RT16A	1	(9) 10d x 1-1/2	(8) 10d	1025	900	3
	MTW12	2	(14) 10d x 1-1/2	(14) 10d x 1-1/2	1930	1620	5
LUGT1	1	(8) 8d x 1-1/2	(8) 8d x 1-1/2	1045	920	8	
2-Ply Truss	RT7AT	1	(5) 8d	(5) 8d	480	425	1
	RT7A	1	(5) 8d	(5) 8d	630	510	2
	RT8A	1	(5) 10d x 1-1/2	(5) 10d x 1-1/2	750	660	2
	RT10	1	(6) 8d x 1-1/2	(14) 8d x 1-1/2	515	460	16
	MTW12	1	(7) 10d	(7) 10d	965	810	4
	RT7AT	2	(10) 8d	(10) 8d	960	850	5
	RT7A	2	(10) 8d	(10) 8d	1260	1020	5
	RT8A	2	(10) 10d x 1-1/2	(10) 10d x 1-1/2	1500	1320	5
	RT10	2	(12) 8d x 1-1/2	(28) 8d	1080	950	16
	RT16-2	1	(8) 8d	(8) 8d	1060	935	3
	MTW12	2	(14) 10d	(14) 10d	1930	1620	4
	RT7A	4	(20) 8d x 1-1/2	(20) 8d x 1-1/2	1765	1430	14
	LUGT2	1	(16) 10d	(16) 10d	2020	1780	6
	MUGT15	1	(28) 10d	PHD4A with (1) 5/8 ATR	3945	3160	7
HUGT2	1	(8) 10d	(2) HTT45 with (2) 5/8 ATR	9575	6925	9	
3-Ply Truss	RT7AT	1	(5) 8d	(5) 8d	480	425	1
	RT7A	1	(5) 8d	(5) 8d	630	510	2
	RT8A	1	(5) 10d x 1-1/2	(5) 10d x 1-1/2	750	660	2
	RT10	1	(6) 8d x 1-1/2	(14) 8d	540	475	16
	MTW12	1	(7) 10d	(7) 10d	965	810	4
	RT7AT	2	(10) 8d	(10) 8d	960	850	5
	RT7A	2	(10) 8d	(10) 8d	1260	1020	5
	RT7A	4	(20) 8d x 1-1/2	(20) 8d x 1-1/2	1765	1430	14
	RT8A	2	(10) 10d x 1-1/2	(10) 10d x 1-1/2	1500	1320	5
	RT10	2	(12) 8d x 1-1/2	(28) 8d	1080	950	16
	MTW12	2	(14) 10d	(14) 10d	1930	1620	4
LUGT3	1	(12) WS25	(28) 16d Sinkers	3500	3080	6	
HUGT3	1	(8) 10d	(2) HTT45 with (2) 5/8 ATR	9860	7805	9	
4-Ply Truss	RT7AT	1	(5) 8d	(5) 8d	480	425	1
	RT7A	1	(5) 8d	(5) 8d	630	510	2
	RT8A	1	(5) 10d	(5) 10d	750	660	2
	RT10	1	(6) 8d	(14) 8d	540	475	16
	MTW12	1	(7) 10d	(7) 10d	965	810	4
	RT7AT	2	(10) 8d	(10) 8d	960	850	5
	RT7A	2	(10) 8d	(10) 8d	1260	1020	5
	RT7A	4	(20) 8d x 1-1/2	(20) 8d x 1-1/2	1765	1430	14
	RT8A	2	(10) 10d	(10) 10d	1500	1320	5
	RT10	2	(12) 8d	(28) 8d	1080	950	16
	LUGT4	1	(16) WS3	(37) 16d Sinkers	4725	4160	13
HUGT4	1	(8) 10d	(2) HTT45 with (2) 5/8 ATR	9860	7790	9	
Hip Truss	HHCP2	1	(10) 10d x 1-1/2	(10) 10d x 1-1/2	680	595	10
	MTW20	1	(7) 10d x 1-1/2	(7) 10d x 1-1/2	1185	995	11
	HHCP2	2	(20) 10d x 1-1/2	(20) 10d x 1-1/2	1360	1190	10
	MTW12	2	(14) 10d	(14) 10d	1930	1620	4
Straight Strap	RS200	1	(9) 10d	(9) 10d	1375	1375	12,15
			(11) 8d	(11) 8d			
	RS150	1	(11) 10d	(11) 10d	1730	1730	12,15
			(13) 8d	(13) 8d			

- 1) Allowable loads have been increased 60% for wind or seismic loads; no further increase shall be permitted.
- 2) To maintain a continuous uplift load path truss to plate connections should be on the same side of the wall as plate to stud connections.
- 3) Multiple ply trusses shall be fastened together to act as a single unit.
- 4) RT10: DF/SP allowable load is 540 lbs. with installation of 8d common nails into the plates.
- 5) **MiTek STRUCTURAL WOOD SCREWS:** WS25 wood screws are 1/4" dia. x 2-1/2" long, WS3 wood screws are 1/4" dia. x 3" long.
- 6) **NAILS:** 8d x 1-1/2 nails are 0.131" dia. x 1-1/2" long, 8d nails are 0.131" dia. x 2-1/2" long, 10d x 1-1/2 nails are 0.148" dia. x 1-1/2" long, 10d nails are 0.148" dia. x 3" long, 16d sinkers are 0.148" dia. x 3-1/4" long.

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