

NVRT - Flat and Twisted Rafter Ties 1" x 14G

Length (in)	Product Code	Gauge
12	NVRT-12	14
16	NVRT-16	14
18	NVRT-18	14
20	NVRT-20	14
22	NVRT-22	14
24	NVRT-24	14
30	NVRT-30	14
36	NVRT-36	14
48	NVRT-48	14

NVRT Wood to Wood			
16d or 10d 1 1/2" Nails		Maximum Uplift Load (lbs)	
TOTAL	In each member*	Flat Ties	Twisted Ties
6	3	588 ⁵	588 ⁵
8	4	725	724
10	5	861	860
12	6	998	996
14	7	1135	1132

NVRT Wood to Concrete		
No. of 16d or 10d 1 1/2" nails to Wood Framing	No. of 1/4" diameter Tapcons to Concrete	Maximum Uplift Load (lbs)
3	3	588 ⁵
4	4	722
5	4	856
6	5	991
7	5	1125

Notes:

- 1) Specify "F" for Flat and "T" for Twisted when ordering.
- 2) Fastener values are based on a minimum of 1 1/2" thick wood members.
- 3) *Indicates no. of nails in each connected wood member.
- 4) ITW tapcons shall be embedded a minimum of 1 1/4" into concrete tiebeam or tiebeam formed with concrete filled masonry. ITW tapcons shall have a min. edge distance of 2 1/2" and minimum staggered spacing of 3/4" as shown.
- 5) Use in Non-HVHZ.
- 6) For Uplift loads $C_D=1.6$
- 7) See general notes, page 01.
- 8) This table is based on Florida Approval 16294-R2, Table 4. and Miami-Dade NOA 15-0507.01

