

**TABLE 2304.10.1  
FASTENING SCHEDULE**

DESCRIPTION OF BUILDING ELEMENTS	NUMBER AND TYPE OF FASTENER	SPACING AND LOCATION
<b>Roof</b>		
1. Blocking between ceiling joists, rafters or trusses to top plate or other framing below	3-8d common ( $2\frac{1}{2}" \times 0.131"$ ); or 3-10d box ( $3" \times 0.128"$ ); or 3-3" $\times 0.131"$ nails; or 3-3" 14 gage staples, $\frac{7}{16}"$ crown	Each end, toenail
Blocking between rafters or truss not at the wall top plate, to rafter or truss	2-8d common ( $2\frac{1}{2}" \times 0.131"$ ) 2-3" $\times 0.131"$ nails 2-3" 14 gage staples	Each end, toenail
	2-16 d common ( $3\frac{1}{2}" \times 0.162"$ ) 3-3" $\times 0.131"$ nails 3-3" 14 gage staples	End nail
Flat blocking to truss and web filler	16d common ( $3\frac{1}{2}" \times 0.162"$ ) @ 6" o.c. 3" $\times 0.131"$ nails @ 6" o.c. 3" $\times 14$ gage staples @ 6" o.c	Face nail
2. Ceiling joists to top plate	3-8d common ( $2\frac{1}{2}" \times 0.131"$ ); or 3-10d box ( $3" \times 0.128"$ ); or 3-3" $\times 0.131"$ nails; or 3-3" 14 gage staples, $\frac{7}{16}"$ crown	Each joist, toenail
3. Ceiling joist not attached to parallel rafter, laps over partitions (no thrust) (see Section 2308.7.3.1, Table 2308.7.3.1)	3-16d common ( $3\frac{1}{2}" \times 0.162"$ ); or 4-10d box ( $3" \times 0.128"$ ); or 4-3" $\times 0.131"$ nails; or 4-3" 14 gage staples, $\frac{7}{16}"$ crown	Face nail
4. Ceiling joist attached to parallel rafter (heel joint) (see Section 2308.7.3.1, Table 2308.7.3.1)	Per Table 2308.7.3.1	Face nail
5. Collar tie to rafter	3-10d common ( $3" \times 0.148"$ ); or 4-10d box ( $3" \times 0.128"$ ); or 4-3" $\times 0.131"$ nails; or 4-3" 14 gage staples, $\frac{7}{16}"$ crown	Face nail
6. Rafter or roof truss to top plate (See Section 2308.7.5, Table 2308.7.5)	3-10 common ( $3" \times 0.148"$ ); or 3-16d box ( $3\frac{1}{2}" \times 0.135"$ ); or 4-10d box ( $3" \times 0.128"$ ); or 4-3" $\times 0.131$ nails; or 4-3" 14 gage staples, $\frac{7}{16}"$ crown	Toenail <sup>c</sup>
7. Roof rafters to ridge valley or hip rafters; or roof rafter to 2-inch ridge beam	2-16d common ( $3\frac{1}{2}" \times 0.162"$ ); or 3-10d box ( $3" \times 0.128"$ ); or 3-3" $\times 0.131"$ nails; or 3-3" 14 gage staples, $\frac{7}{16}"$ crown; or	End nail
	3-10d common ( $3" \times 0.148"$ ); or 4-16d box ( $3\frac{1}{2}" \times 0.135"$ ); or 4-10d box ( $3" \times 0.128"$ ); or 4-3" $\times 0.131"$ nails; or 4-3" 14 gage staples, $\frac{7}{16}"$ crown	Toenail

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