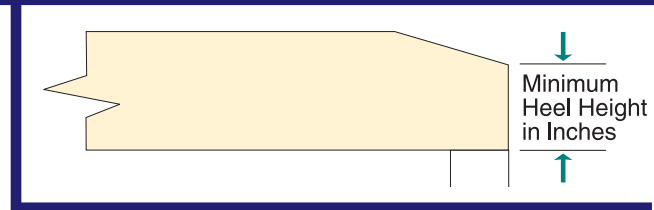


Scarf Cuts

1. This is for bearing on top of trimmers or jack studs only. This table is not for bearing on a top plate.
2. See graphic at right for definition of minimum heel height.



Maximum Reaction and Minimum Heel Height For Scarf Cuts

1 1/2" - 1 Ply									
Depth (in.)	5-1/2	7-1/4	9-1/4	9-1/2	11-1/4	11-7/8	14	16	18
Max. Reaction 1 trimmer (lbs.)	1760	1958	1958	1958	1958	1958	1958	1958	1958
Max. Reaction 2 trimmers (lbs.)	1760	2320	2960	3040	3600	3800	3915	3915	3915
Max. Reaction 3 trimmers (lbs.)	1760	2320	2960	3040	3600	3800	4480	5120	5760
Min. Heel Height 1 trimmer (in.)	5.5	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1
Min. Heel Height 2 trimmers (in.)	5.5	7.3	9.3	9.5	11.3	11.9	12.2	12.2	12.2
Min. Heel Height 3 trimmers (in.)	5.5	7.3	9.3	9.5	11.3	11.9	14.0	16.0	18.0
3" - 2 Ply									
Depth (in.)	5-1/2	7-1/4	9-1/4	9-1/2	11-1/4	11-7/8	14	16	18
Max. Reaction 1 trimmer (lbs.)	3520	3915	3915	3915	3915	3915	3915	3915	3915
Max. Reaction 2 trimmers (lbs.)	3520	4640	5920	6080	7200	7600	7830	7830	7830
Max. Reaction 3 trimmers (lbs.)	3520	4640	5920	6080	7200	7600	8960	10240	11520
Min. Heel Height 1 trimmer (in.)	5.5	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1
Min. Heel Height 2 trimmers (in.)	5.5	7.3	9.3	9.5	11.3	11.9	12.2	12.2	12.2
Min. Heel Height 3 trimmers (in.)	5.5	7.3	9.3	9.5	11.3	11.9	14.0	16.0	18.0
4 1/2" - 3 Ply									
Depth (in.)	5-1/2	7-1/4	9-1/4	9-1/2	11-1/4	11-7/8	14	16	18
Max. Reaction 1 trimmer (lbs.)	5280	5873	5873	5873	5873	5873	5873	5873	5873
Max. Reaction 2 trimmers (lbs.)	5280	6960	8880	9120	10800	11400	11745	11745	11745
Max. Reaction 3 trimmers (lbs.)	5280	6960	8880	9120	10800	11400	13440	15360	17280
Min. Heel Height 1 trimmer (in.)	5.5	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1
Min. Heel Height 2 trimmers (in.)	5.5	7.3	9.3	9.5	11.3	11.9	12.2	12.2	12.2
Min. Heel Height 3 trimmers (in.)	5.5	7.3	9.3	9.5	11.3	11.9	14.0	16.0	18.0