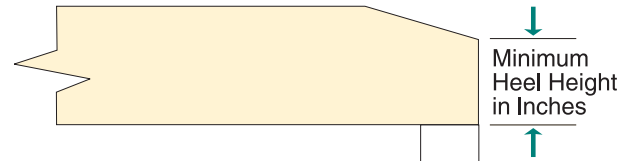


# Scarf Cuts

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

### 1-3/4" - 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.)	2053	2284	2284	2284	2284	2284	2284	2284	2284
Max. Reaction 2 trimmers (lbs.)	2053	2707	3453	3547	4200	4200	4328	4568	4568
Max. Reaction 3 trimmers (lbs.)	2053	2707	3453	3547	4200	4433	5227	5973	6720
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	11.3	11.6	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

### 3-1/2" - 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.)	4107	4568	4568	4568	4568	4568	4568	4568	4568
Max. Reaction 2 trimmers (lbs.)	4107	5413	6907	7093	8400	8657	8657	9135	9135
Max. Reaction 3 trimmers (lbs.)	4107	5413	6907	7093	8400	8867	10453	11947	13440
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	11.6	11.6	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

### 5-1/4" - 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.)	6160	6851	6851	6851	6851	6851	6851	6851	6851
Max. Reaction 2 trimmers (lbs.)	6160	8120	10360	10640	12600	13300	13300	13703	13703
Max. Reaction 3 trimmers (lbs.)	6160	8120	10360	10640	12600	13300	15680	17920	20160
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	11.9	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