

RISE-RUN ANGLE CHART

R U N

	9"	1/8	1/4	3/8	1/2	5/8	3/4	7/8	10"	1/8	1/4	3/8	1/2	5/8	3/4	7/8	11"	1/8	1/4	3/8	1/2	5/8	3/4	7/8	12"
6"	33.7 56.3	33.3 56.7	33.0 57.0	32.6 57.4	32.3 57.7	31.9 58.1	31.6 58.3	31.3 58.7	31.0 59.0	30.7 59.3	30.3 59.7	30.0 60.0	29.7 60.3	29.5 60.5	29.2 60.8	28.9 61.1	28.6 61.4	28.3 61.7	28.1 61.9	27.8 62.2	27.6 62.4	27.3 62.7	27.1 62.9	26.8 63.2	26.6 63.4
1/8	34.2 55.8	33.9 56.1	33.5 56.5	33.2 56.8	32.8 57.2	32.5 57.5	32.1 57.9	31.8 58.2	31.5 58.5	31.2 58.8	30.9 59.1	30.6 59.4	30.3 59.7	30.0 60.0	29.7 60.3	29.4 60.6	29.1 60.7	28.8 61.2	28.6 61.4	28.3 61.7	28.0 62.0	27.8 62.2	27.5 62.5	27.3 62.7	27.0 63.0
1/4	34.8 55.2	34.4 55.6	34.0 56.0	33.7 56.3	33.3 56.7	33.0 57.0	32.7 57.3	32.3 57.7	32.0 58.0	31.7 58.3	31.4 58.6	31.1 58.9	30.8 59.2	30.5 59.5	30.2 59.8	29.9 60.1	29.6 60.4	29.3 60.7	29.1 60.9	28.8 61.2	28.5 61.5	28.3 61.7	28.0 62.0	27.8 62.2	27.5 62.5
3/8	35.3 54.7	34.9 55.1	34.6 55.4	34.2 55.8	33.9 56.1	33.5 56.5	33.2 56.8	32.8 57.2	32.5 57.5	32.2 57.8	31.9 58.1	31.6 58.4	31.3 58.7	31.0 59.0	30.7 59.3	30.4 59.6	30.1 59.9	29.8 60.2	29.5 60.5	29.3 60.7	29.0 61.0	28.7 61.3	28.5 61.5	28.2 61.8	28.0 62.0
1/2	35.8 54.2	35.4 54.6	35.1 54.9	35.7 55.3	34.4 55.6	34.0 56.0	33.7 56.3	33.3 56.7	33.0 57.0	32.7 57.3	32.4 57.6	32.1 57.9	31.8 58.2	31.5 58.5	31.2 58.8	30.9 59.1	30.6 59.4	30.3 59.7	30.0 60.0	29.7 60.3	29.5 60.5	29.2 60.8	29.0 61.0	28.7 61.3	28.4 61.6
5/8	36.4 53.6	36.0 54.0	35.6 54.4	35.2 54.8	34.9 55.1	34.5 55.5	34.2 55.8	33.9 56.1	33.5 56.5	33.2 56.8	32.9 57.1	32.6 57.4	32.3 57.7	31.9 58.1	31.6 58.4	31.3 58.7	31.1 58.9	30.8 59.2	30.5 59.5	30.2 59.8	30.0 60.0	29.7 60.3	29.4 60.6	29.2 60.8	28.9 61.1
3/4	36.9 53.1	36.5 53.5	36.1 53.9	35.8 54.2	35.4 54.6	35.0 55.0	34.7 55.3	34.3 55.7	34.0 56.0	33.7 56.3	33.4 56.6	33.0 57.0	32.7 57.3	32.4 57.6	32.1 57.9	31.8 58.2	31.5 58.5	31.2 58.8	31.0 59.0	30.7 59.3	30.4 59.6	30.1 59.9	29.9 60.1	29.6 60.4	29.4 60.6
7/8	37.4 52.6	37.0 53.0	36.6 53.4	36.3 53.7	35.9 54.1	35.5 54.5	35.2 54.8	34.8 55.2	34.5 55.5	34.2 55.8	33.9 56.1	33.5 56.5	33.2 56.8	32.9 57.1	32.6 57.4	32.3 57.7	32.0 58.0	31.7 58.3	31.4 58.6	31.1 58.9	30.9 59.1	30.6 59.4	30.3 59.7	30.1 59.9	29.8 60.2
7"	37.9 52.1	37.5 52.5	37.1 52.9	36.7 53.3	36.4 53.6	36.0 54.0	35.7 54.3	35.3 54.7	35.0 55.0	34.7 55.3	34.3 55.7	34.0 56.0	33.7 56.3	33.4 56.6	33.1 56.9	32.8 57.2	32.5 57.5	32.2 57.8	31.9 58.1	31.6 58.4	31.3 58.7	31.1 58.9	30.8 59.1	30.5 59.5	30.3 59.7
1/8	38.4 51.6	38.0 52.0	37.6 52.4	37.2 52.8	36.9 53.1	36.5 53.5	36.2 53.8	35.8 54.2	35.5 54.5	35.1 54.9	34.8 55.2	34.6 55.5	34.2 55.8	33.8 56.2	33.5 56.5	33.2 56.8	32.9 57.1	32.6 57.4	32.3 57.7	32.1 57.9	31.8 58.2	31.5 58.5	31.2 58.8	31.0 59.0	30.7 59.3
1/4	38.9 51.1	38.5 51.5	38.1 51.9	37.7 52.3	37.3 52.7	37.0 53.0	36.6 53.4	36.3 53.7	35.9 54.1	35.6 54.4	35.3 54.7	34.9 55.1	34.6 55.4	34.3 55.7	34.0 56.0	33.7 56.3	33.4 56.6	33.1 56.9	32.8 57.2	32.5 57.5	32.2 57.8	32.0 58.0	31.7 58.3	31.4 58.6	31.1 58.9
3/8	39.3 50.7	39.0 51.0	38.6 51.4	38.2 51.8	37.8 52.2	37.5 52.5	37.1 52.9	36.8 53.2	36.4 53.6	36.1 53.9	35.7 54.3	35.4 54.6	35.1 54.9	34.8 55.2	34.5 55.5	34.1 55.9	33.8 56.2	33.5 56.5	33.2 56.8	33.0 57.0	32.7 57.3	32.4 57.6	32.1 57.9	31.8 58.2	31.6 58.4
1/2	39.8 50.2	39.4 50.6	39.0 51.0	38.7 51.3	38.3 51.7	37.9 52.1	37.6 52.4	37.2 52.8	36.9 53.1	36.5 53.5	36.2 53.8	35.9 54.1	35.5 54.5	35.2 54.8	34.9 55.1	34.6 55.4	34.3 55.7	34.0 56.0	33.7 56.3	33.4 56.6	33.1 56.9	32.8 57.2	32.6 57.4	32.3 57.7	32.0 58.0
5/8	40.3 49.7	39.9 50.1	39.5 50.4	39.1 50.9	38.8 51.2	38.4 51.6	38.0 52.0	37.7 52.3	37.3 52.7	37.0 53.0	36.6 53.4	36.3 53.7	36.0 54.0	35.7 54.3	35.3 54.7	35.0 55.0	34.7 55.3	34.4 55.6	34.1 55.9	33.8 56.2	33.5 56.5	33.3 56.7	33.0 57.0	32.7 57.3	32.4 57.6
3/4	40.7 49.3	40.3 49.7	40.0 50.0	39.6 50.4	39.2 50.8	38.8 51.2	38.5 51.5	38.1 51.9	37.8 52.2	37.4 52.6	37.1 52.9	36.8 53.2	36.4 53.6	36.1 53.9	35.8 54.2	35.5 54.5	35.2 54.8	34.9 55.1	34.6 55.4	34.3 55.7	34.0 56.0	33.7 56.3	33.4 56.6	33.1 56.9	32.9 57.1
7/8	41.2 48.8	40.8 49.2	40.4 49.6	40.0 50.0	39.7 50.3	39.3 50.7	38.9 51.1	38.6 51.4	38.2 51.8	37.9 52.1	37.5 52.5	37.2 52.8	36.9 53.1	36.5 53.5	36.2 53.8	35.9 54.1	35.6 54.4	35.3 54.7	35.0 55.0	34.7 55.3	34.4 55.6	34.1 55.9	33.8 56.2	33.6 56.4	33.3 56.7
8"	41.6 48.4	41.2 48.8	40.9 49.1	40.5 49.5	40.1 49.9	39.7 50.3	39.4 50.6	39.0 51.0	38.7 51.3	38.3 51.7	38.0 52.0	37.6 52.4	37.3 52.7	37.0 53.0	36.7 53.3	36.3 53.7	36.0 54.0	35.7 54.3	35.4 54.6	35.1 54.9	34.8 55.2	34.5 55.5	34.2 55.8	34.0 56.0	33.7 56.3
1/8	42.1 47.9	41.7 48.3	41.3 48.7	40.9 49.1	40.5 49.5	40.2 49.8	39.8 50.2	39.4 50.6	39.1 50.9	38.7 51.3	38.4 51.6	38.1 51.9	37.7 52.3	37.4 52.6	37.1 52.9	36.8 53.2	36.5 53.5	36.1 53.9	35.8 54.2	35.5 54.5	35.2 54.8	35.0 55.0	34.7 55.3	34.4 55.6	34.1 55.9
1/4	42.5 47.5	42.1 47.9	41.7 48.3	41.3 48.7	41.0 49.0	40.6 49.4	40.2 49.8	39.9 50.1	39.5 50.5	39.2 50.8	38.8 51.2	38.5 51.5	38.2 51.8	37.8 52.2	37.5 52.5	37.2 52.8	36.9 53.1	36.6 53.4	36.3 53.7	36.0 54.0	35.7 54.3	35.4 54.6	35.1 54.9	34.8 55.2	34.5 55.5
3/8	42.9 47.1	42.5 47.5	42.2 47.8	41.8 48.2	41.4 48.6	41.0 49.0	40.7 49.3	40.3 49.7	39.9 50.1	39.6 50.4	39.3 50.7	38.9 51.1	38.6 51.4	38.2 51.8	37.9 52.1	37.6 52.4	37.3 52.7	37.0 53.0	36.7 53.3	36.4 53.6	36.1 53.9	35.8 54.2	35.5 54.5	35.2 54.8	34.9 55.1
1/2	43.4 46.6	43.0 47.0	42.6 47.4	42.2 47.8	41.8 48.2	41.4 48.6	41.1 48.9	40.7 49.3	40.4 49.6	40.0 50.0	39.7 50.3	39.3 50.7	39.0 51.0	38.7 51.3	38.3 51.7	38.0 52.0	37.7 52.3	37.4 52.6	37.1 52.9	36.8 53.2	36.5 53.5	36.2 53.8	35.9 54.1	35.6 54.4	35.3 54.7

Top Number = Angle of Stair.

Bottom Number = 90° Minus Angle of Stair.