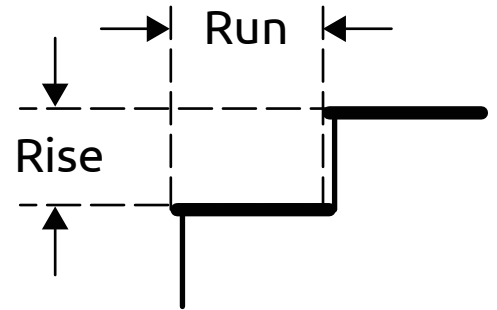


Measuring stairs for handrails

Rise (in)	Run (Tread) (in)							
	8.5	9.0	9.5	10.0	10.5	11.0	11.5	12.0
6.0	35.2	33.7	32.3	31.0	29.7	28.6	27.6	26.6
6.5	37.4	35.8	34.4	33.0	31.8	30.6	29.5	28.4
7.0	39.5	37.9	36.4	35.0	33.7	32.5	31.3	30.3
7.5	41.4	39.8	38.3	36.9	35.5	34.3	33.1	32.0
8.0	43.3	41.6	40.1	38.7	37.3	36.0	34.8	33.7
8.5	45.0	43.4	41.8	40.4	39.0	37.7	36.5	35.3



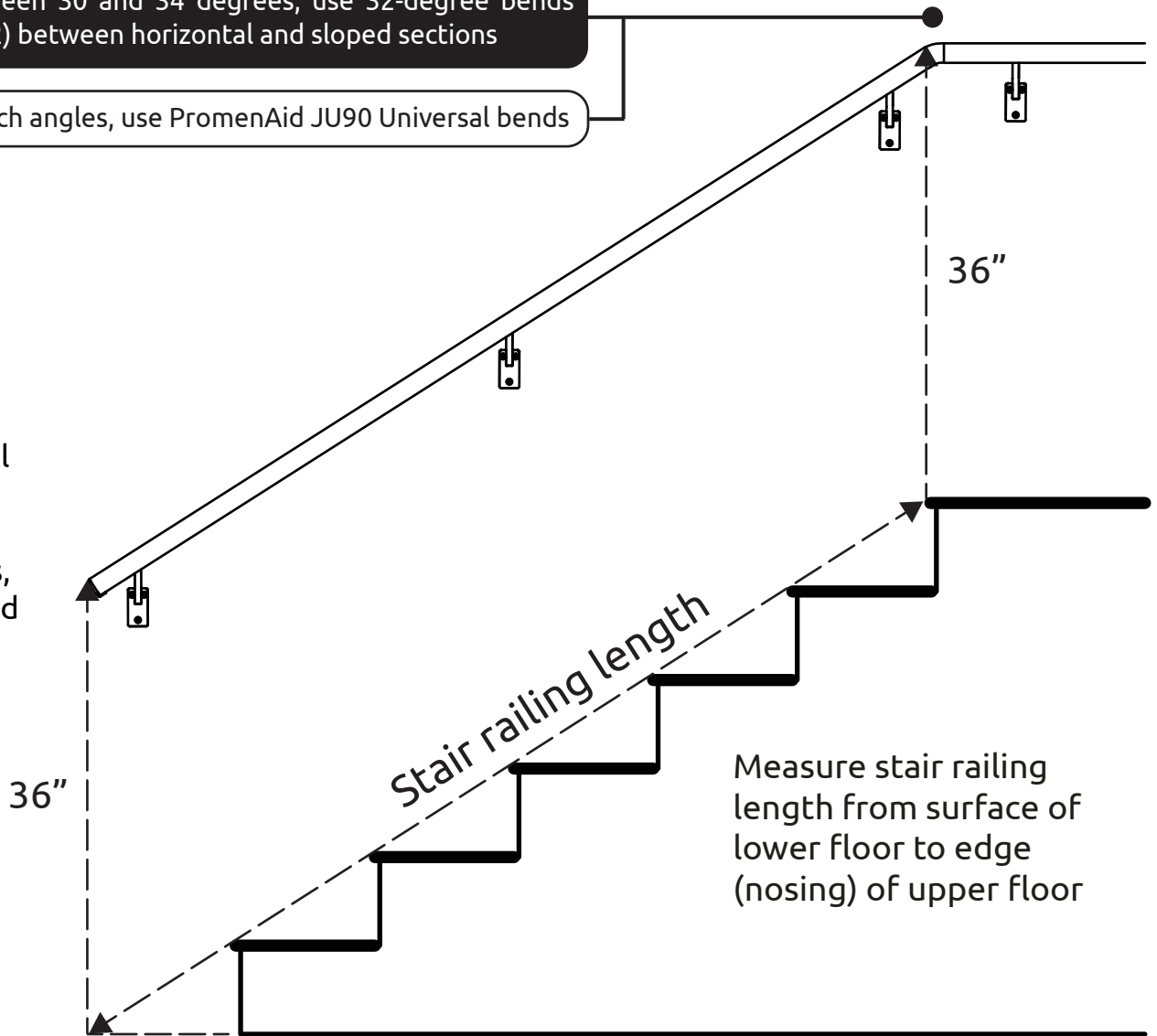
Measure the rise and tread run as shown, and use the table to determine the stair pitch (angle of inclination) in degrees.

If pitch is between 30 and 34 degrees, use 32-degree bends (PromenAid J32) between horizontal and sloped sections

For all other pitch angles, use PromenAid JU90 Universal bends

Installation:

Top of handrail should be 36 inches, plus or minus 2 inches, above floor and step nosings



Measure stair railing length from surface of lower floor to edge (nosing) of upper floor