

Solid Wood Stairs Technical Specifications



Solid Wood Code Stair with 2015P Balusters

Code Stair Package

Benefits of a Code Package

Designed for applications regulated by the national building codes. See our Codes Specifications section for further information.

Please check with your local building inspector for the dimensional requirements in your area before placing your order. The smallest stair available to still maintain the building code is 5' diameter. Salter Spiral Stair manufactures Wood Code Stair Packages in 5'2" and 6' diameter. Code Stair Packages also include extra center balusters for a maximum spacing of 4" (safety feature for stairs that will be used by small children to prevent pass through). *Verify if your local code enforcement requires Code Riser treads, which are sold separately.

Code Packages Include:

30° stair treads; 3 to 4 balusters per tread 2015C or 2015P (maximum spacing of 4"); 60° platform (This will provide a minimum of 6'6" headroom); 1 3/4" x 2" one-piece handrail; Platform railing & balusters; 5" wood center column & base plate; column extension & corner post 4000 or 4010

Diameter	Recommended Finished Well Opening*	Platform Size	Clear Walking Path
5'2"	65" x 65"	32.5" x 32.5"	26.5"
6'	74" x 74"	37" x 37"	32"

* Minimum opening is 2" smaller than the recommended opening size. Talk to your salesperson for further information.

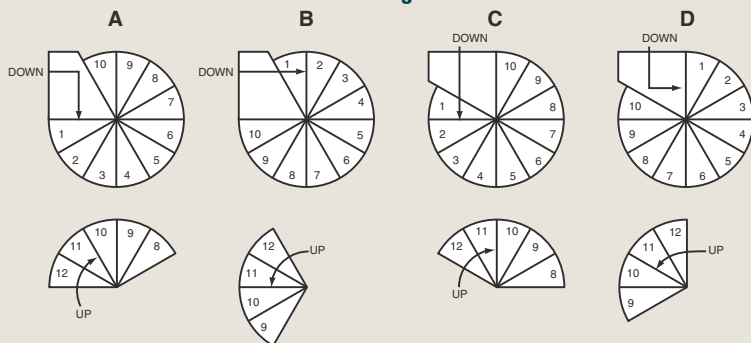
30° Tread for Stair Sizes

5'2" | 6'

Floor to Floor Height Tread Adjustment		Treads & Risers Required		Degree of Rotation
Min.	Max.	Treads	Risers	
85"	95"	9	10	270°
93 1/2"	104 1/2"	10	11	300°
102"	114"	11	12	330°
110 1/2"	123 1/2"	12	13	360°
119"	133"	13	14	390°

NOTE: A special 60° platform is supplied with this package. The platform is not as versatile as a square one. For ordering purposes use these diagrams to choose the appropriate layout. Available sizes are 5', 5'2", 5'6" and 6" diameters with custom and larger sizes available upon request.

Code Package – 30°



SOLID WOOD STAIRS TECHNICAL SPECIFICATIONS

Standard Stair Package

(Does Not Meet Code Compliancy)

Standard Packages Include:

30° or 22.5° stair treads; 1 baluster per tread 2015C or 2015P; Square platform; 1 3/4" x 2" one-piece handrail; Platform railing & balusters; 5" wood center column & base plate; column extension & corner post 4000 or 4010

Diameter	Recommended Finished Well Opening*	Platform Size	Clear Walking Path
4'	50" x 50"	25" x 25"	20"
4'6"	56" x 56"	28" x 28"	23"
5'2"	65" x 65"	32.5" x 32.5"	26.5"
6'	74" x 74"	37" x 37"	32"

* Minimum opening is 2" smaller than the recommended opening size. Talk to your salesperson for further information.

30° Tread for Stair Sizes

4' | 4'6" | 5'2" | 6'

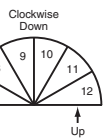
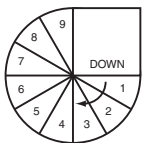
Floor to Floor Height Tread Adjustment		Treads & Risers Required		Degree of Rotation
Min.	Max.	Treads	Risers	
85"	95"	9	10	270°
93 1/2"	104 1/2"	10	11	300°
102"	114"	11	12	330°
110 1/2"	123 1/2"	12	13	360°
119"	133"	13	14	390°

22 1/2° Tread for Stair Sizes

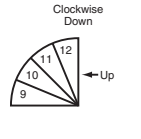
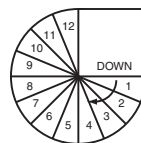
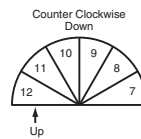
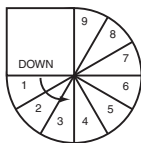
5'2" | 6'

Floor to Floor Height Tread Adjustment		Treads & Risers Required		Degree of Rotation
Min.	Max.	Treads	Risers	
82 1/2"	95"	10	11	225°
90"	102"	11	12	247 1/2°
97 1/2"	110 1/2"	12	13	270°
105"	119"	13	14	292 1/2°
112 1/2"	127 1/2"	14	15	315°

Standard Package – 30°



Standard Package – 22 1/2°



NOTE: To determine the number of treads and risers needed for your project, measure your finished floor to floor height and refer to the above charts. Since the standard stair packages use either 30° or 22 1/2° treads, use the appropriate chart. Custom sizes available upon request.

Special Half-Turn Stair Package

(Does Not Meet Code Compliancy)

Diameter	Recommended Finished Well Opening	Platform Size	Clear Walking Path
5'6"	36" x 67"	N/A	28.5"

Special Half-Turn Packages Include:

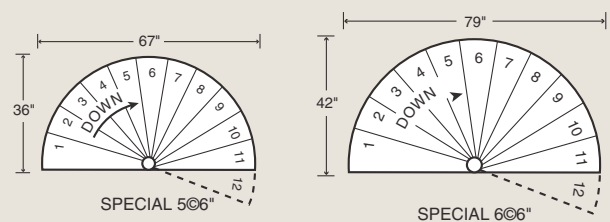
16.36° stair treads; 1 baluster per tread 2015C or 2015P; 1 3/4" x 2" one-piece handrail; Safety railing & balusters; 5" wood center column & base plate; column extension & corner post 4000 or 4010

16.36° Tread for Stair Sizes

5'6" | 6'6"

Floor to Floor Height Tread Adjustment		Treads & Risers Required		Degree of Rotation
Min.	Max.	Treads	Risers	
90"	102"	11	12	180°
97 1/2"	110 1/2"	12	13	196 1/3°

Half-Turn Package – 16.36°



NOTE: The half-turn does not require a platform