

Ordering Specifications for Balusters

Check local building codes for required height and baluster spacing.

For more information and installation instructions refer to Coffman's C-165 Stair Building Guide, page 46.

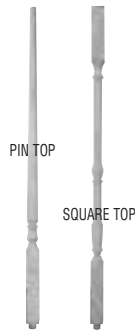
All balusters fall into one of the following categories:

PIN TOP

Pin top balusters have turned, round tops that will be inserted into holes drilled into unplowed handrail.

SQUARE TOP

Square top balusters have a turned portion, leaving a square upper and lower portion. Installation of square top balusters will require a plowed handrail.



All baluster pins are 3/4" long by 3/4" diameter and are turned with chamfered bottoms and a centered glue ring.



Top diameter on the pin top balusters will vary according to baluster size.

- 1-1/4" Baluster - 5/8" diameter
- 1-5/8" Baluster - 5/8" diameter
- 1-3/4" Baluster - 3/4" diameter (except C-5611 which is 5/8")
- 1-9/16" Baluster - 1-1/8" diameter (C-5845 Art Deco)

The stair's rake and balcony rail height, along with code considerations on baluster spacing, will determine the length and quantity of balusters required on any given job. **The tables below** list the quantity and length of the balusters necessary for each rake application for a 34" rake rail height.

BALUSTER QUANTITY AND LENGTH (For 34" Rake Rail Height)

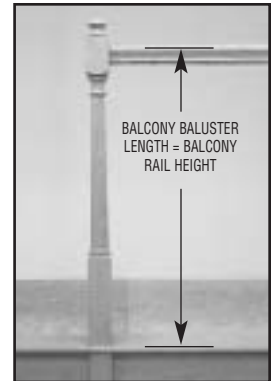
STARTING EASING	TURNOUT	VOLUTE	ASCENDING VOLUTE	VERTICAL VOLUTE
BALUSTERS UNDER STARTING FITTINGS				
QUANTITY - 1	QUANTITY - 2 C-7240, C-7245	QUANTITY - 6 1-1/4" SQUARE	QUANTITY - 6 1-1/4" SQUARE	QUANTITY - 1
	QUANTITY - 1 C-7241, C-7246	QUANTITY - 5 1-3/4" SQUARE	QUANTITY - 5 1-3/4" SQUARE	
LENGTH 39"	LENGTH 43"	LENGTH 41"	LENGTH 39"	LENGTH 39"

All pin top balusters have a guaranteed 3" minimum top straight portion for trimming and insertion.



BALCONY BALUSTER LENGTH

Baluster length requirements for the balcony will match the balcony rail height. If an exact baluster length is not available, simply round up to the next available length. (Example: For a 38" balcony rail height, order a 39" baluster.)



BALUSTERS ON TREADS



Adjustments to rake rail heights from 34" can be accommodated on a 1:1 basis. Examples: For a 36" rail height, simply add 2" to the given length and order the nearest baluster length (rounding up if necessary). For a 30" rake rail height, subtract 4" from the given length and order the nearest baluster length (rounding up if necessary).

NOTE: 44" balusters are available in all profiles. See page 36.

BALCONY BALUSTER QUANTITY

1-1/4" BALUSTER SQUARE	1-3/4" BALUSTER SQUARE
4-1/2"	4-5/8"
	Exception: For 1-3/4" Pin Top Baluster with 5/8" diameter tops (i.e. C-5611) use: 4-1/2"

MAXIMUM CENTER-TO-CENTER SPACING (Under 4" Sphere Rule)

Spacing codes vary but generally fall under the 4" sphere rule. The dimensions listed are recommended center-to-center spacing measurements that will safely comply with this code.

To obtain the quantity of balusters for individual balcony runs, divide the length of the balcony run by the corresponding center-to-center spacing and round down.