

Automatic Calculator (use for building stairs on level ground or concrete slab)

Manual Calculator (use for building stairs on uneven ground or for non-standard step dimensions)

Automatic Stair Calculator

Input:

[Auto Calculator Help](#)

Total Rise [A] (ex: 56.75) (in)

Target Step Height [F] (in)

Tread Thickness [C] (in)

Tread Depth [B] (in)

Stringer Mount Type: New Standard Flush

Stair Specifications (Results):

(fraction format)

(decimal format)

Total Number of Steps (risers)

Total Number of Treads [D]

Height of First Step [E] (in) (in)

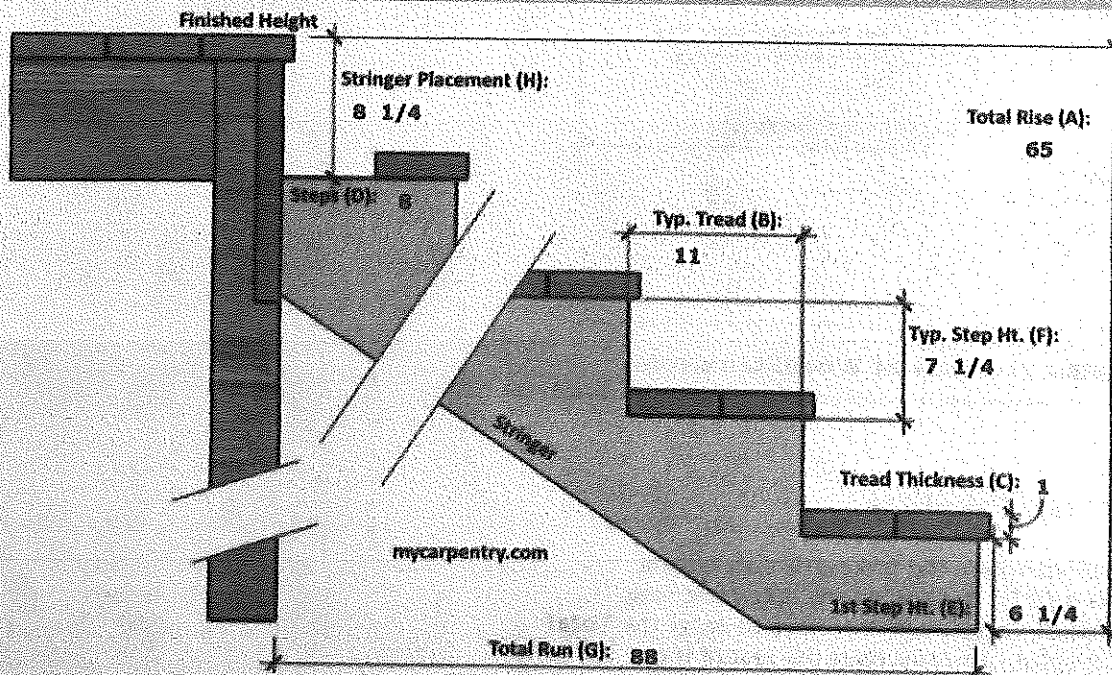
Height of Typical Step [F] (in) (in)

Position of Stringer on Landing [H] (in) (in)

Total Run [G] (in) (in)

Stringer Length (in) (in)

Stair/Rail Angle (degrees)



Using the Automatic Calculator

For building code information, visit the [International Code Council](http://www.international-codes-council.org) website.