

The information provided below is your guide for choosing the right **McNICHOLS®** BAR GRATING STAIR TREADS for your project. Please specify:

APPLICATION	PRODUCT SURFACE
Consider Bar Grating Stair Tread features including loading requirements, surface needs, environmental considerations, etc. We invite you to browse Bar Grating Stair Tread applications in our Product and Application Gallery.	Determine if your application requires a smooth, serrated or a grooved product surface.
CONSTRUCTION TYPE	NOSING
Choose from several Bar Grating Stair Tread construction types including Standard-Duty Welded, Heavy-Duty Welded, Swage-Locked and Press-Locked.	Bar Grating Stair Treads are typically supplied with 90° angle Nosing along the leading edge. Nosing is welded to the first bearing bar and to each Carrier Plate (see Carrier Plates below) across the length (span) dimension. Nosing helps with Stair Tread sight lines and provides additional slip-resistance. Select from our inventory of Nosing types, including Checkered Plate 90° Angle Nosing, the most common choice among customers. Stair Tread inventory items ready for immediate shipment have standard Nosing attached.
SERIES TYPE & NAME	CARRIER PLATES
Determine the series type and name (GW-100, GHB-150, GAL-125, etc.) of the Bar Grating Stair Treads for your project.	Carrier Plates (sometimes referred to as End Plates) are rectangular shaped pieces of metal that are designed to be welded to open ends of Bar Grating bearing bars and optional Nosing perpendicular to the Stair Tread length (span). Each Carrier Plate has a mounting slot and bolt hole for structural attachment purposes. Stair Treads can also be welded to structurals/stringers if desired. Choose the Carrier Plate gauge/thickness and size (height x width) for your Stair Tread application. Stair Tread inventory items ready for immediate shipment have standard Carrier Plates attached.
PRODUCT SPACING	SPAN
Select the product spacing (the measurement from the center of one bearing bar to the center of an adjacent bearing bar) of the Bar Grating Stair Treads needed for your application. Product Spacing (e.g. 19-W-4) refers to the industry specification for Bar Grating products. For example, the first number refers to the bearing bar spacing measured on center (19 = 19/16" or 1-3/16"), the letter refers to the construction type (W = welded) and the last number references the cross bar spacing measured on center (4 = 4").	Determine the span or length of your Bar Grating Stair Tread selection. Bearing bars run parallel to the span for all Stair Tread products.
PRIMARY MATERIAL/PRODUCT FINISH	PERCENT OPEN AREA
Select the primary material type including Aluminum, Carbon Steel, Galvanized Steel or Stainless Steel. Inventory is typically "mill finish" for Aluminum, Carbon Steel, and Stainless Steel. Hot-Dipped Galvanized, Powder Coated Black or Powder Coated Gray finishes are available for some Carbon Steel items. We provide more information on Primary Material Types and Product Finishes in the links provided in the Overview section on the Stair Tread Resources landing page.	Choose the percentage of open area desired in your Bar Grating Stair Tread selection.
BEARING BAR SIZ & SHAPE	PRODUCT SIZE & QUANTITY
Choose the bearing bar height and thickness (e.g. 1-1/4" Height x 3/16" Thick) of your Bar Grating product selection. Select from our inventory of Rectangular Bar, I-Bar or T-Bar bearing bar shapes.	Identify the number of Stair Treads and the size(s) desired (width and length). The width of the Stair Tread is the distance between the outside front edge of the Nosing to outside edge of the last bearing bar (front to back measurement). This measurement is sometimes referred to as depth. The length (span) of the Stair Tread is measured from the outside edges of the Carrier Plates attached to the open ends of the bearing bars and Nosing.
	SPECIAL REQUIREMENTS
	Specify any requirements like additional welding needs, surface treatment (e.g. grinding), non-standard tolerances, etc.

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