

The information provided below is your guide for choosing the right **McNICHOLS®** Plank Grating Stair Treads for your project. Please specify:

APPLICATION

Consider Plank Grating Stair Tread physical requirements such as loading, surface requirements, environmental considerations, etc. We invite you to browse Plank Grating Stair Tread applications in our Product and Application Gallery.

CONSTRUCTION TYPE

Choose from several Plank Grating Stair Tread construction types including Plank, Heavy-Duty Plank, Heavy-Duty Extruded Plank, Stair Tread Plank, and Extruded Stair Tread Plank.

SERIES TYPE & NAME

Determine the series type and name (GRIP STRUT® Plank, TRACTION TREAD™ Plank, etc.) of the Plank Grating Stair Tread for your project.

PRIMARY MATERIAL / PRODUCT FINISH

Select the primary material type including Aluminum, Carbon Steel, Galvanized Steel, and Stainless Steel. Inventory is typically mill finish unless otherwise specified. 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.

ALLOY, GRADE, OR TYPE

Choose a secondary material characteristic that applies to your application. A specific material alloy, grade, or type can be an important consideration in your product selection. Factors like temperature, corrosion-resistance, and environmental surroundings can be important variables to consider prior to placing your order.

GAUGE / THICKNESS

Decide the material gauge number or thickness in inches. Extruded products do not have an actual gauge due to the manufacturing process. These items are specified as an extrusion.

SURFACE PROFILE

Choose the surface profile for your application. A surface profile includes the number of openings to width, type of opening, and the width of the Stair Tread measured in inches (e.g. 5-Diamond (11-3/4" Width), 6-Hole (12" Width), etc.). Our GRIP STRUT® Stair Tread Plank item has a 1-1/4" wide flat shelf to accept 1-1/4" wide Cast Abrasive Nosing.

CHANNEL DEPTH

Select the channel depth for your Plank Grating Stair Tread surface profile selection.

PRODUCT SURFACE

Choose between diamond-serrated, slip-resistant, or grooved surface types.

CARRIER PLATES

Carrier Plates are C-shaped bent metal angles designed to be inserted and welded into Plank Grating Stair Tread channel ends perpendicular to the length (span) of the Stair Tread. The Carrier Plates have a mounting slot and bolt hole for structural attachment purposes. Stair Treads can also be welded to structurals/stringers if desired. The gauge/thickness of the Carrier Plates is identical to the Stair Tread gauge/thickness selected. Stair Tread inventory items ready for immediate shipment have Carrier Plates attached.

PERCENT OPEN AREA

Choose the percentage of open area desired in your Plank Grating Stair Tread selection.

PRODUCT SIZE & QUANTITY

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 edges (front to back measurement). The length (span) of the Stair Tread is measured from the outside edges of the Plank including inserted Carrier Plates.

SPECIAL REQUIREMENTS

Specify any requirements (e.g. non-standard tolerances, etc).