

The information provided below is your guide for choosing the right **McNICHOLS® EXPANDED METAL** product for your project. Please specify:

APPLICATION	DESIGN DIRECTION
<p>Product applications/uses include screening, ventilation, security enclosures, machine guards, ramps, catwalks, walkways, platforms, cabinet inserts, and more. We invite you to browse Expanded Metal applications in our Product and Application Gallery.</p>	<p>Determine the design direction (pattern direction). The Long Way of Design (LWD) runs parallel to the length of the sheet for the majority of inventory items.</p>
EXPANDED TYPE	PERCENT OPEN AREA
<p>Choose from a wide variety of Flattened, Standard (Raised), Grating, Catwalk Grating, or Designer Expanded types.</p>	<p>Choose the percentage of open area desired in the Expanded Metal sheet.</p>
PRIMARY MATERIAL	PRODUCT SIZE, FORM & QUANTITY
<p>Select the primary material type including Aluminum, Carbon Steel, Galvanized Steel, or Stainless Steel, taking into consideration climate or environmental realities. We provide more information on Primary Material Types in the links provided in the Overview section on the Expanded Metal Resources landing page.</p>	<p>Determine the number of sheets and/or sizes including cut-to-size pieces and shearing preference (e.g. Bond Shear or Random Shear).</p>
PRODUCT FINISH	SPECIAL REQUIREMENTS
<p>Inventory is typically "mill finish" unless otherwise specified. We provide more information on Product Finishes in the links provided in the Overview section on the Expanded Metal Resources landing page.</p>	<p>Specify any requirements such as fabrication, edge treatments, finishing, non-standard tolerances, etc. If your project calls for Infill Panels, an Infill Panel Worksheet is available in the Overview section on the Expanded Metal Resources landing page.</p>
STYLE & TYPE	ACCESSORIES
<p>Choose the Short Way of Design (SWD) measurement in inches, material gauge number or thickness in inches and expanded type (i.e. 3/4" No. 9 Flattened). For Grating and Catwalk Grating items, select the pounds per square foot desired (e.g. 3.14# Grating (Standard), etc.).</p>	<p>Determine if Expanded Metal Accessories such as Angle, Flat Bar, U-Edging framing solutions or Fasteners are required for your application.</p>

