McNICHOLS® Designer Metals are available in various material types. For additional details, we are available to assist you at 866.754.5144.

866.754.5144 mcnichols.com
The sole survivor of a Boeing B-17 Flying Fortress shot down during World War II, Robert L. “Bob” McNichols pledged to lead his life and business according to Christian principles. He believed in the highest level of service, a dedication to his employees, and an appreciation for the customers he had the privilege to serve.

Following discovery by a farmer, Bob was sent to prisoner-of-war camp Stalag Luft I, where he remained until his liberation on May 1, 1945. Seven years to the day after his release from Stalag Luft I, Bob and his wife Phyllis founded McNICHOLS CO.

When Bob started the business in 1952, he focused on selling products with “holes” such as Perforated and Expanded Metal. This focus led to the motto “The Hole Story®,” which symbolizes the Company’s philosophy as well as its products. Bob trademarked The Hole Story® and advertised it in the 1975 McNICHOLS® Master Catalog. This began the tradition of “hole” references such as “Hole Products” and “The Hole Team.” After the unexpected loss of Bob in 1981, his son Gene took the reins. Gene carried on his father’s legacy by growing the business.

In 1990, Gene introduced the “Service, Quality and Performance” mission. The words embody the spirit of the organization — including its emphasis on customer service, high standards for quality (demonstrated by our ISO 9001:2015 certification), and dedication to performance.

McNICHOLS has grown from a small family business into a national corporation with 19 locations across the country. The essence and spirit of the founder remain ever-present. Bob’s faith gave him the courage to build McNICHOLS on a Christian foundation. “To God Be The Glory” was one of his favorite sayings.

As McNICHOLS continues to grow beyond its 67th year in business, the third generation of the McNichols family — as well as every member of The Hole Team — act as stewards of Bob’s legacy.

Providing Hole Products Through Superior Service, Quality and Performance …
That’s The Hole Story®!

Architects, contractors, and designers choose to incorporate McNICHOLS® Designer Metals into their projects because of their versatility and beauty. Selections include Perforated and Expanded Metals, Wire Mesh, and Textured Metals in a myriad of materials and styles. Our Architectural Products Team understands how options like configuration, material type, gauge, open area, recycled content, finish, and other variables may influence your design for a successful project. We are ready and Inspired to Serve® you!

ON THE COVER: McNICHOLS® Designer Mesh patterns, CHATEAU™ 3110, 3105, and AURA™ B155 contribute to a Chicago rooftop garden. The Decorative Mesh was vertically assembled artistically to help conceal the roof’s unsightly mechanical equipment and exhaust vents, and to create a contemporary sculpture designed to replicate the city’s urban skyline.

For more than 67 years, customers have made the consistent choice to trust McNICHOLS with their Hole Product needs. Many customers also look to us for metal processing and fabrication services. We would be honored to demonstrate how we can expand our services to meet your application requirements. From welding and cut-to-size to notching and Stair Treads, we are ready to fabricate Hole Products to your specifications.

McNICHOLS® VALUE-ADDED SERVICES

PRINT TAKEOFFS  CUT-TO-SIZE  CERTIFIED WELDERS  STAIR TREADS  INFILL PANELS  METAL FINISHES

©1999–2019 McNICHOLS CO. The Hole Story. Inspired to Serve. ECO-MESH, ECO-ROCK, and McNICHOLS are registered trademarks of McNICHOLS CO. All rights reserved. No part of this book may be reproduced in any form without permission. Printed in the U.S.A. Please note that product photographs are not actual size. Application photos reflected are typical of Hole Products in use that can be supplied or have been supplied by McNICHOLS CO.
Designer Metals are available in various material types. For additional details, we are available to assist you at 866.754.5144.
McNICHOLS® Designer Perforated Metal, CLASSIC 2058, Carbon Steel, Cold Rolled, 20 Gauge (.0359" Thick), 58% Open Area used as cabinet inserts.

CLASSIC 2058
Carbon Steel, Cold Rolled,
20 Gauge (.0359" Thick), 58% Open Area

AIRLINE 1868
Aluminum, Alloy 3003-H14,
.0400" Thick [18 Gauge], 68% Open Area

CLOVERLEAF 2051
Aluminum, Alloy 3003-H14,
.0320" Thick [20 Gauge], 51% Open Area

GRECIAN 2035
Aluminum, Alloy 3003-H14,
.0320" Thick [20 Gauge], 35% Open Area

HANOVER SQUARE 2064
Carbon Steel, Cold Rolled,
20 Gauge (.0359" Thick), 64% Open Area

MAJESTIC 1840
Aluminum, Alloy 5052-H32,
.0400" Thick [18 Gauge], 40% Open Area

OCTAGON CANE 2036
Aluminum, Alloy 3003-H14,
.0320" Thick [20 Gauge], 36% Open Area

WINDSOR 1845
Aluminum, Alloy 3003-H14,
.0400" Thick [18 Gauge], 45% Open Area
Designer Metals are available in various material types. For additional details, we are available to assist you at 866.754.5144.

ASHLAND™ 8016
Stainless Steel, Type 304, Woven -
Flat Wire Plain Weave, 6% Open Area

ASHLAND™ 8017
Bronze, Bronze Alloy, Woven -
Flat Wire Plain Weave, 25% Open Area

AURA™ 8150
Stainless Steel, Type 316, Woven -
Rigid Cable-Style Weave, 65% Open Area

AURA™ 8155
Stainless Steel, Type 304, Woven -
Rigid Cable-Style Weave, 62% Open Area

AURA™ 8857
Stainless Steel, Type 304, Woven -
Rigid Cable-Style Weave, 51% Open Area

AURA™ 8858
Stainless Steel, Type 304, Woven -
Rigid Cable-Style Weave, 51% Open Area

ASHLAND™ 8015
Stainless Steel, Type 304, Woven -
Flat Wire Plain Weave, 51% Open Area

McNICHOLS® Wire Mesh, Designer Mesh, ASHLAND™ 8015, Stainless Steel, Type 304, Woven -
Flat Wire Plain Weave, 51% Open Area, gives this staircase railing a decorative, sophisticated look inside a national bank facility.
McNICHOLS® DESIGNER WIRE MESH

HALO™ 2252
Stainless Steel, Type 304, Woven - Double Wire Helical (Spiral) Crimp Weave, 52% Open Area

HALO™ 1162
Carbon Steel, Cold Rolled, Woven - Helical (Spiral) Crimp Weave, 52% Open Area

CHATEAU™ 3120
Stainless Steel, Type 304, Woven - Flat Top/Plain Weave, 66% Open Area

Galvanized Steel, Pre-Galvanized, Flat Top/Plain Weave, 58% Open Area

McNICHOLS® Wire Mesh, Designer Mesh, CHATEAU™ 3105, Galvanized, Pre-Galvanized, Woven - Flat Top/Plain Weave, 58% Open Area in a Denver office building.

Stainless Steel, Type 304, Woven - Flat Top/Plain Weave, 58% Open Area

Stainless Steel, Type 304, Woven - Modified Intercrimp/Plain Weave, 56% Open Area

McNICHOLS®® Wire Mesh, Designer Mesh, CHATEAU™ 3105, Galvanized, Pre-Galvanized, Woven - Flat Top/Plain Weave, 58% Open Area in a Denver office building.

McNICHOLS®® Wire Mesh, Designer Mesh, CHATEAU™ 3105, Galvanized, Pre-Galvanized, Woven - Flat Top/Plain Weave, 58% Open Area in a Denver office building.
McNICHOLS® Designer Metals are available in various material types. For additional details, we are available to assist you at 866.754.5144.
SHIRE™ 8148
Copper/Stainless Steel, Copper Alloy/Type 304, Woven - Flat Warp/Round Fill Weave, 41% Open Area

SHIRE™ 3001
Bronze/Stainless Steel, Bronze Alloy/Type 304, Woven - Intercomp/Plan Weave, 56% Open Area

SHIRE™ 3300
Stainless Steel, Type 304, Woven - Three Wire (Basket Look) Cladding Weave, 10% Open Area

SHIRE™ 4391
Stainless Steel, Type 316, Woven - Flat Top Weave, 52% Open Area

SHIRE™ 8314
Stainless Steel, Type 304, Woven - Triple Shute Weave, 43% Open Area

SHIRE™ 9240
Stainless Steel, Type 304, Woven - Dutch-Style Weave, 0% Open Area

SHIRE™ 8148, Copper/Stainless Steel, Copper Alloy/Type 304, Woven - Flat Warp/Round Fill Weave, 41% Open Area provides a stylish accent as infill panels in this custom built storage cabinet.
Designer Metals are available in various material types. For additional details, we are available to assist you at 866.754.5144.

**TALICA™ 2100**
Stainless Steel, Type 316, Woven - Plain Weave, 64% Open Area

**TALICA™ 2120**
Stainless Steel, Type 304, Woven - Lockcrimp Weave, 56% Open Area

**TALICA™ 4270**
Bronze, Bronze Alloy, Woven - Lockcrimp Weave, 70% Open Area

**TALICA™ 8145**
Stainless Steel, Type 304, Woven - Twin Wire Flat Top Weave, 53% Open Area

**TALICA™ 8146**
Stainless Steel, Type 304, Woven - Twin Wire Flat Top Weave, 51% Open Area

**TALICA™ 8150**
Stainless Steel, Type 304, Woven - Twin Wire Weave, 46% Open Area

**TECHNA™ 3150**
Stainless Steel, Type 304, Woven - Double Wire Intercrimp Weave, 74% Open Area

TECHNA™ 3150 Designer Mesh, TECHNA™ 3150, Stainless Steel, Type 316, Woven - Double Wire Intercrimp Weave, 74% Open Area was used to create this decorative and functional raining infill panel at a Dallas, Texas office building.
McNICHOLS® Wire Mesh, Designer Mesh, TECHNA™ 3156, Stainless Steel, Type 316, Woven - Plain Weave, 65% Open Area as a partition in a St. Cloud, Minnesota restaurant.

TECHNA™ 3156
Stainless Steel, Type 316, Woven - Four Crimp Styles Weave, 61% Open Area

TALICA™ 8158
Stainless Steel, Type 304, Woven - Four Wire Weave, 34% Open Area

TALICA™ 8220
Stainless Steel, Type 304, Woven - Plain Weave, 45% Open Area

TALICA™ 8221
Stainless Steel, Type 304, Woven - Lockcrimp/Plain Weave, 56% Open Area

TECHNA™ 3100
Stainless Steel, Type 316, Woven - Plain Weave, 65% Open Area

TECHNA™ 3155
Stainless Steel, Type 304, Woven - Lockcrimp Weave, 75% Open Area

TECHNA™ 3162
Stainless Steel, Type 304, Woven - Three Crimp Styles Weave, 56% Open Area
McNICHOLS® Designer Metals are available in various material types. For additional details, we are available to assist you at 866.754.5144.
Whether your design goals are to reproduce historic details or add a modern touch, McNICHOLS® Designer Perforated Grilles will give your space a timeless style. Made to your specifications, Perforated Grilles are ideal for both interior and exterior applications. Available in a variety of materials, thicknesses, and finishes, these Hole Products are perfect selections for walls, ceilings, window areas, cabinet inserts, air conditioning vent or return covers, and more!

Please allow McNICHOLS to assist you in selecting the right Designer Perforated Grille for your next project. Our Architectural Products Team is ready and Inspired to Serve® you!
Bustling locations like elevators, corridors, and hallways demand a material that can disguise imperfections. McNICHOLS® Designer Textured Metals do the job perfectly with dimension and shine.

While little dings and scratches can disrupt flat, polished metals, damage to Textured Metals is much more difficult to recognize. Textured Metal surfaces hide fingerprints and offer the added bonus of long-term savings. The material is strong, durable, and built to withstand years of use.

Textured Metals come in a variety of patterns and materials, and are also eco-friendly. Made of 100% recycled content, they round out a sustainable project and can help garner LEED credits.

Please allow McNICHOLS to assist you the next time your project demands materials that can disguise imperfections while adding an element of dimension and shine.

McNICHOLS® Textured Metal, Designer Textured, TREADTEX® 1400, Aluminum, Alloy 3003-H14, 2-B Finish, .0630" Thick (14 Gauge), is used as wall cladding to create an industrial feel at this regional burger joint.
THE SUMMIT ACTIVITY CENTER
GRAND PRAIRIE, TX

THE HOLE OBJECTIVE

The architectural team of The Summit, an adult activity and fitness center in Grand Prairie, TX, needed an overall design that would reduce the solar impact from Texas’ summer heat and improve the building’s energy efficiency.

THE HOLE SOLUTION

Designers created a series of canopies made of McNICHOLS® Perforated Metal that helped reduce the effects of the summer heat and as a result, lowered utility bills. Using Aluminum Perforated Metal on such a large portion of the structure, many up to two stories tall and nearly 23 feet wide, gave it a light and airy appearance. In addition to the solar concern, the team considered the activities at the center. Open at night, the facility’s McNICHOLS® Perforated Metal canopies provide a decorative backdrop for evening illumination.
McNICHOLS® ECO-MESH® MODULAR TRELLIS SYSTEMS

McNICHOLS® ECO-MESH® Modular Trellis Systems is a custom modular framework grid typically wall mounted to exterior structures creating aesthetic living green facades. Modular grids are commonly used for screen walls, canopies, arbors, partitions, fencing, and column covers for exterior and interior applications.

These high quality eco-panels are constructed to accommodate a growing space for various plants and vines. The Woven Wire Mesh flexes to allow for an increasing vine load as plants grow, while providing years of beauty and low maintenance.

ECO-MESH® offers architects, designers, contractors, and property owners many sustainable and functional green-build opportunities while being strong, durable, and lightweight.

McNICHOLS® ECO-MESH® QUALITY ADVANTAGES

- Woven Wire — Strong construction
- Galvannealed Steel Wire and Frame — Offers superior corrosion resistance compared to G90 coated metals
- 0.135” Thick (10 Gauge) Wire Diameter — Significantly stronger than 0.080” Thick wire found in other brands
- Custom Panel Sizes — Available up to 96” wide and 240” long
- Eco-Friendly Powder Coating — Available in 13 top-quality colors, super-durable with a 3,000 hour salt spray rating and high UV resistance
- Install Ready — Mounting brackets and hardware available
- LEED Opportunities — 95% recycled metal, no VOC concerns in field, SRI Index-rated coatings and more

IN STOCK & READY TO GO!

POWDER COATED TEXTURED BLACK
Galvannealed Steel • 2” x 2” Square Mesh
2” or 3” Channel Width with a 1” Return, 16 Gauge (.0635” Thick)
48” x 96” Panel • Mounting Brackets and Hardware Available

PRODUCT OPTIONS

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<tr>
<th>PRIMARY MATERIAL</th>
<th>Galvannealed Steel (Most Common), Aluminum, Carbon Steel, Stainless Steel</th>
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<tr>
<td>PRODUCT FINISH</td>
<td>Mill, Sandblasted, Eco-Friendly Powder Coatings with 13 Standard Colors</td>
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<tr>
<td>WEAVE TYPE</td>
<td>Woven - Intercrimp Weave, I5I5 Crimp Style In Stock [Other Weave Types Available]</td>
</tr>
<tr>
<td>MESH SIZE</td>
<td>2” x 2” Square Mesh In Stock [Other Mesh Sizes Available]</td>
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<tr>
<td>WIRE DIAMETER/WIRE GAUGE</td>
<td>0.135” Thick (10 Gauge); 0.120” Thick (11 Gauge), 0.148” Thick (9 Gauge) Available</td>
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<tr>
<td>BRIDGE WIRE DIA./WIRE GAUGE</td>
<td>0.105” Thick (12 Gauge), Spaced 18” on Center</td>
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<tr>
<td>CHANNEL SIZE</td>
<td>2” or 3” Channel Width with a 1” Return, 16 Gauge (.0635” Thick)</td>
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<tr>
<td>PANEL WIDTH</td>
<td>48” (24” to 96” Available)</td>
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<td>PANEL HEIGHT</td>
<td>96” (24” to 240” Available)</td>
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<tr>
<td>ACCESSORIES</td>
<td>Mounting Brackets and Hardware Available</td>
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In business since 1952, McNICHOLS CO. is the worldwide leader in supplying "Hole Products" including McNICHOLS® Perforated and Expanded Metals, Wire Mesh and Designer Metals, as well as a complete line of Metal and Fiberglass Grating and Flooring Products. Our Metals Service Centers are strategically located in 19 cities across the country, but are all part of one "Hole Network." Customers choose McNICHOLS because of our knowledgeable associates, vast product inventory, and superior customer service. Please allow us to serve you on your next project!

YOUR HOLE NETWORK

Industrial & Architectural Hole Product Solutions Since 1952.