CEILING&WALL | SYSTEMS

Between us, ideas become reality™

METALWORKS™

Panels, Planks, Clouds, and Canopies

Armstrong®

"Development Alternatives, Inc.'s business is centered on assisting developing countries around the globe. The lifeblood of the many villages and towns it supports is the local water source, therefore, a major theme was the 'River.' The smooth rhythm of the ceiling suggested a flowing river bringing the visitor or returning traveler into the space. The fact that MetalWorks ceiling panels are perforated and provide excellent acoustics to these high traffic areas made the selection that much easier."

Rob Jacobsen, AIA
Vice President
Interplan, Inc.

rhythmic

Product: MetalWorks™ RH200 Custom Curved extra microperforated in White
Project: Development Alternatives, Inc., Bethesda, MD
Architect: Interplan, Inc., Washington, DC

stimulating

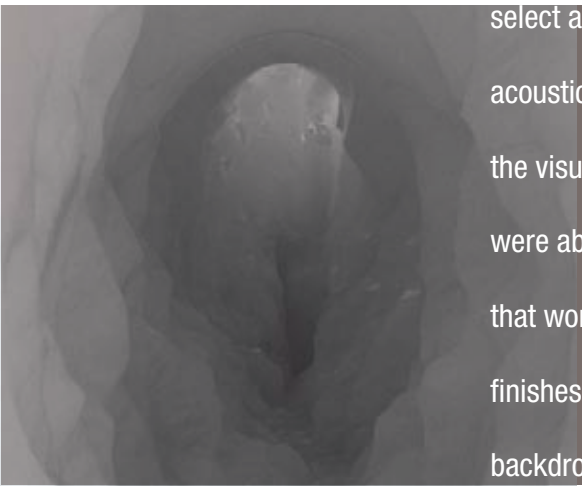
"We wanted to design a stimulating and fun learning environment, so MetalWorks DH700 allowed us to replicate the sky from the tall exterior windows in the cafetorium. The perforated panels added acoustic quality while the multiple shades of light blue provided variation, producing a highly dramatic effect with very little long-term maintenance for the owner. Armstrong supported us with the specifications and design details and also came on site to provide the contractor with pre-installation training. They were an invaluable resource and made it an easy process."

Brian Deichman

Principal, Project Architect

McMillan Pazdan Smith Architecture

Product: MetalWorks™ DH700 Faceted Custom microperforated in Custom Colors
Project: Lyman Elementary School, Lyman, SC
Architect: McMillan Pazdan Smith Architecture Spartanburg, SC



"We chose the MetalWorks RH215 system to create the ribbon-like form of our ceiling because of its flexibility and ability to create a seamless transition from ceiling to wall. The range of available perforations enabled us to select a pattern open enough to satisfy our acoustical criteria and closed enough to create the visual impression of a smooth surface. We were able to select a very specific neutral color that worked well within the palette of adjacent finishes, but also served as an effective backdrop for color changing LEDs located throughout the space."

Jason Jones, AIA, LEED® AP
Associate
Gensler

seamless

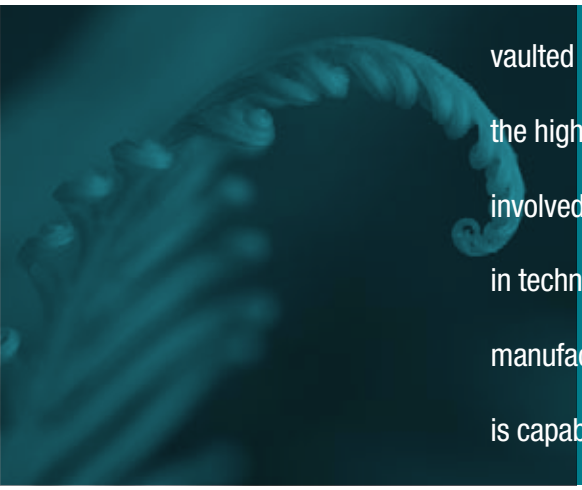
Product: MetalWorks™ RH215 Custom Faceted Ceilings and Custom Metal WH1100 Walls with Rd 1522 perforation in Custom RAL 7024 finish
Project: Club Nokia at LA Live!, Los Angeles, CA
Architect: Gensler, Santa Monica, CA

fitting

"We needed to renovate an existing space that was the shape of a semi-circle with glazed walls and a pitched ceiling. The geometry and materials posed major acoustical problems, which the MetalWorks system solved beautifully. The final design required custom fabrication of 90 segments, engineered to fit into a large 25' x 50' puzzle. While we knew this was a huge challenge, we were thrilled with the level of service Armstrong provided while working very closely with us to develop the solution. The client is delighted and the conference room is so popular, it's in constant use."

Victoria Mohar, IIDA, LEED® AP
Director of Design & President
MoharDesign LLC

Product: MetalWorks™ Radial Custom RH200 with Rd 1522 perforation in Silver Grey
Project: Pharmaceutical Research Institute, Andover, MA
Architect: MoharDesign LLC, Somerville, MA



"The curved ceiling is the highlight of the entire complex. All materials achieved the quality of the project and the finish is world class. The vaulted ceiling even won an international award, the highest CISCA award. Armstrong was heavily involved in the design process and also engaged in technical clarifications. As one of the leading manufacturers of metal ceilings and walls, Armstrong is capable of supplying large quantities at required quality meeting program deadlines."

Bruce Neave
Project Director
Murray & Roberts

engaging

Product: MetalWorks™ RH200 Custom Plank System and Custom Metal WH1100 Walls unperforated and with Rv 2532 perforation in Custom RAL 9010
Project: Dubai International Airport
Dubai, United Arab Emirates
Architect: Aéroport de Paris (ADPi), Paris, France

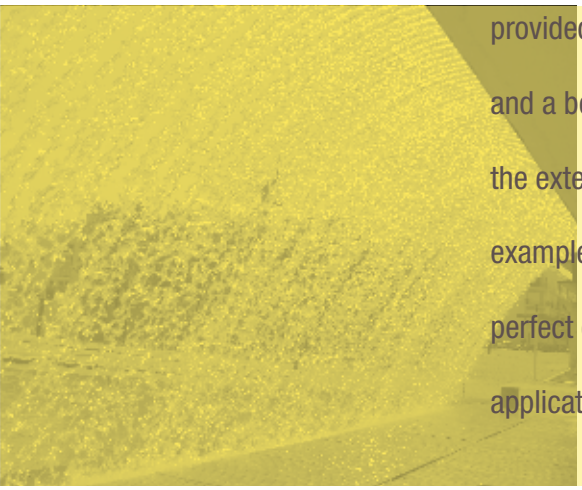
flowing

"We were limited in terms of what we could use because of the range of radii needed to implement our design. We required a ceiling material that offered flexibility and could be installed relatively easily. The MetalWorks Linear ceiling turned out to be the solution and it allowed us to introduce more of an aerodynamic, free-flowing look into the space. A ceiling can make a big impact in public spaces. The new baggage claim area at Love Field is proof."

Dan Hursin
Senior Architect
CH2M HILL

Product: MetalWorks™ Linear microperforated in White
Project: Dallas Love Field Airport, Dallas, TX
Architect: CH2M HILL, Dallas, TX


Limos
For Hire
Shuttles



"A wave of knowledge… inspired by the curves of the College's logo, we designed the ceiling as a wave that rises as you progress into the space, peaking at the multi-story curtainwall, maximizing views to the exterior. MetalWorks Vector, in a faceted installation, provided the optimal curve, excellent acoustics, and a beautiful surface to carry the light from the exterior into the space... an excellent example of style meeting function. It was the perfect cost-effective solution for this application."

Emy Semprun
Interior Designer
Burt Hill

maximizing

Product: MetalWorks™ Vector® Faceted microperforated in Silver Grey with Prelude® XL® 15/16" suspension system
Project: Tidewater Community College, Fred W. Beazley Portsmouth Campus, Portsmouth, VA
Architect: Burt Hill, Washington, DC

timeless

"Very early on in the design process, we knew the choice of material for the ceiling and exterior eave was going to be critical. The material had to extend the design intent: a timeless look, simply and elegantly detailed. It was a great relief when we discovered MetalWorks RH200."

Bryan Irwin, AIA, LEED® AP
Principal
Sasaki Associates, Inc.

Product: MetalWorks™ RH200 Custom Plank Exterior unperforated in Silver Grey
Project: Morgan State University Library Baltimore, MD
Architect: Design Architect – Sasaki Associates, Inc., Boston, MA
Architect of Record – Design Collective, Inc., Baltimore, MD

adaptable

"We wanted to create a space where the patterned grid captures one's attention and draws you into the varying grid of the ceiling as you enter the upper level of the tiered-seat lecture hall. The MetalWorks Tegular ceiling created an interesting grid and detailed pattern layout, which adapted with the lighting configuration, maintained accessibility and performed acoustically, while still capturing the contemporary finish and appearance we and our client had envisioned for their new high school lecture hall."

Joseph A. Calderon, AIA
Design Architect
Ruhnau Ruhnau Clarke

Product: MetalWorks™ Tegular 24" x 24" and 24" x 48" microperforated in Silver Grey with Suprafine® XL® 9/16" suspension system
Project: Shadow Hills High School, Indio, CA
Architect: Ruhnau Ruhnau Clarke, Carlsbad, CA

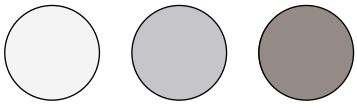
COLOR SELECTION

Standard Colors

White (WH) | Silver Grey (SG) | Gun Metal Grey (MY) | Effects™ Wood Looks Maple (FXMP) | Effects Wood Looks Cherry (FXCH) | Effects Wood Looks Dark Cherry (FXDC) | Effects Wood Looks Walnut (FXWN)

Standard Aluminum Colors

Standard Painted Aluminum



Whitelume (WHA) | Silverlume (SIA) | Gun Metal (MYA)

Satin Anodized (SAA) | Lacquer Mill (LMA) | Brushalume (BAA)

Reflections™ Laminate Finishes

Rock Maple (LRM) | Light Cherry (LLC)

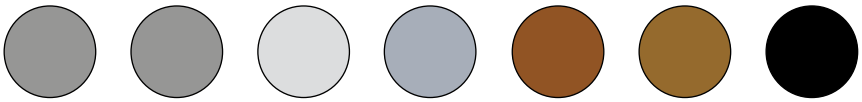
Wild Cherry (LWC)

Ceiltex*

Ceiltex (CLA)

*Only available on Torsion Spring

Mesh™ Colors



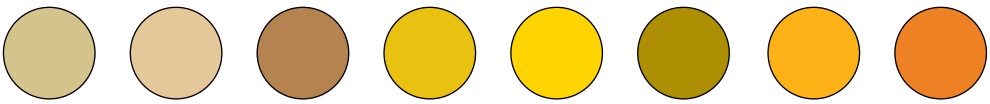
Nickel Chrome (NK) | Bright Anodized (BA) | Natural Anodized (NA) | Stainless Steel (SS) | Copper (CP) | Bronze (BZ) | Tech Black (BL)

Tin Colors

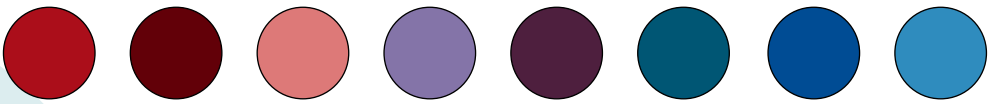
White (TWH) | Chrome (TAM) | Bare Steel (TNA) | Lacquered Steel (TLS) | Copper (TCP)

Custom RAL Colors**

** Refer to CS-3957 for a sampling of Custom RAL colors.
NOTE: Due to printing limitations, shade may vary from actual product.

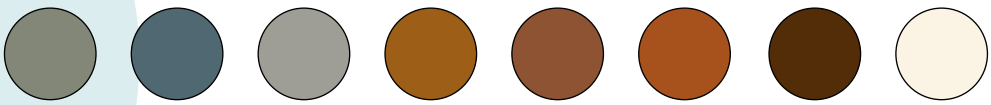


RAL 1000 | RAL 1001 | RAL 1011 | RAL 1012 | RAL 1021 | RAL 1027 | RAL 1033 | RAL 2000



RAL 3001 | RAL 3005 | RAL 3014 | RAL 4005 | RAL 4007 | RAL 5001 | RAL 5002 | RAL 5012

RAL 5018 | RAL 5022 | RAL 6000 | RAL 6004 | RAL 6017 | RAL 6019 | RAL 6027 | RAL 6032



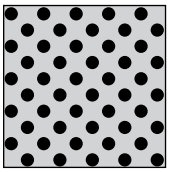
RAL 7023 | RAL 7031 | RAL 7042 | RAL 8001 | RAL 8003 | RAL 8023 | RAL 8028 | RAL 9001

Product: MetalWorks™ Torsion Spring Custom Curved Ceiling System
30" x 82" planks with Rg 2516 perforation in Cream Weave finish
Project: John Wayne Airport, Santa Ana, CA
Architect: Gensler, Newport Beach, CA

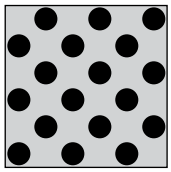
PERFORATION SELECTION** Actual 1:1 scale shown unless otherwise noted.

Standard Steel Perforations

Type: Round-Diagonal

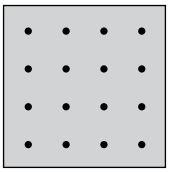


M2
Microperforated (Rd 1518)
Hole Size: 1.5mm [.059"]
% Open Area: 18.4%



P4 SecureLock™
Microperforated
Hole Size: 2.76mm [.109"]
% Open Area: 23.5%

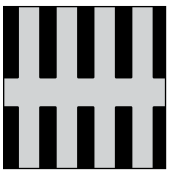
Type: Round-Straight



M3
Extra Microperforated (Rg 0701)
Hole Size: 0.7mm [.028"]
% Open Area: 1.5%

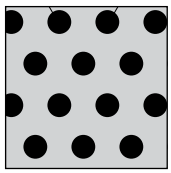
Premium Steel Perforations

Type: Square-Straight Slotted



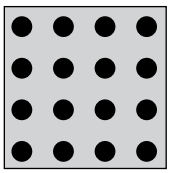
M5 (Lg 16032)
Hole Size: 2.0mm [.079"]
% Open Area: 32.0%

Type: Round-Staggered



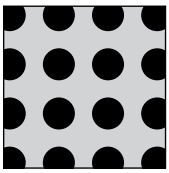
M9 (103)
Hole Size: 2.9mm [.114"]
% Open Area: 24.4%

Type: Round-Straight



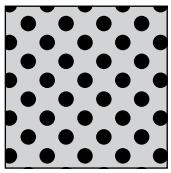
M10
Hole Size: 2.5mm [.098"]
% Open Area: 13.6%

Type: Round-Straight



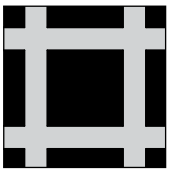
M11 (107)
Hole Size: 4.1mm [.157"]
% Open Area: 26.9%

Type: Round-Diagonal



M12 (132)
Hole Size: 1.8mm [.071"]
% Open Area: 20.8%

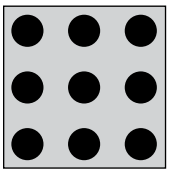
Type: Square-Straight



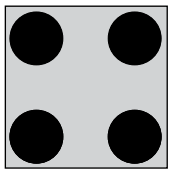
M13 (136)
Hole Size: 10.0mm x 10.0mm [.394" x .394"]
% Open Area: 59.2%

Custom Steel Perforations

Type: Round-Straight

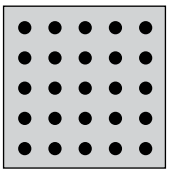


Rg 4022
Hole Size: 4.0mm [.157"]
% Open Area: 22.0%

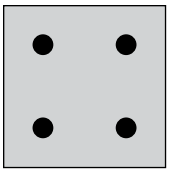


Rg 14023
Hole Size: 14.0mm [.551"]
% Open Area: 23.0%

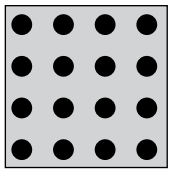
Scale: 50% of actual size



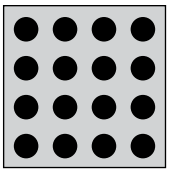
Rg 1511
Hole Size: 1.5mm [.059"]
% Open Area: 11.0%



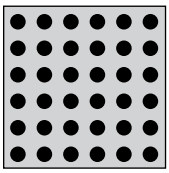
Rg 2504
Hole Size: 2.5mm [.098"]
% Open Area: 4.0%



Rg 2516
Hole Size: 2.5mm [.098"]
% Open Area: 16.0%

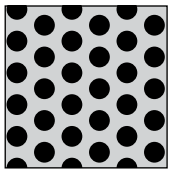


Rg 3027
Hole Size: 3.0mm [.118"]
% Open Area: 27.0%

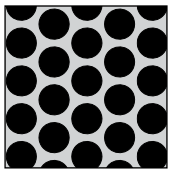


Rg 1821
Hole Size: 1.8mm [.071"]
% Open Area: 21.0%

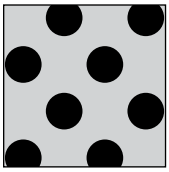
Type: Round-Staggered



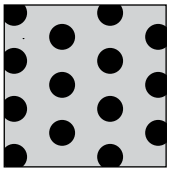
Rv 2523
Hole Size: 2.5mm [.098"]
% Open Area: 23.0%



M4 (Rv 4058)
Hole Size: 4.0mm [.157"]
% Open Area: 58.0%



Rv 4625
Hole Size: 4.6mm [.181"]
% Open Area: 25.0%

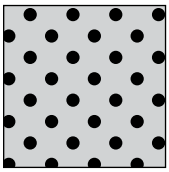


SecureLock Plus (P5)
Hole Size: 3.1mm [.125"]
% Open Area: 22.7%

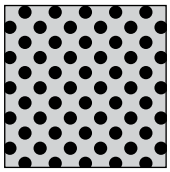
** Additional perforation options are available for premium and custom systems.

Custom Steel Perforations (cont.)

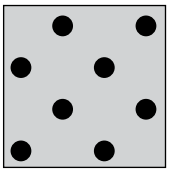
Type: Round-Diagonal



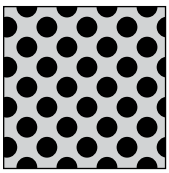
Rd 1511
Hole Size: 1.5mm [.059"]
% Open Area: 11.0%



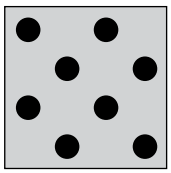
Rd 1522
Hole Size: 1.5mm [.059"]
% Open Area: 22.0%



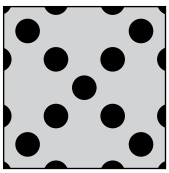
Rd 2508
Hole Size: 2.5mm [.098"]
% Open Area: 8.0%



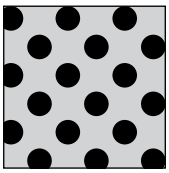
Rd 2535
Hole Size: 2.5mm [.098"]
% Open Area: 35.0%



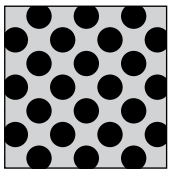
Rd 3013
Hole Size: 3.0mm [.118"]
% Open Area: 13.0%



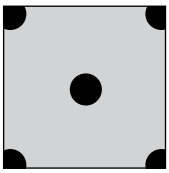
Rd 3019
Hole Size: 3.0mm [.118"]
% Open Area: 19.0%



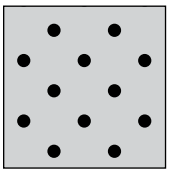
Rd 3025
Hole Size: 3.0mm [.118"]
% Open Area: 25.0%



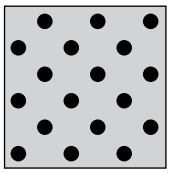
Rd 3139
Hole Size: 3.1mm [.122"]
% Open Area: 39.0%



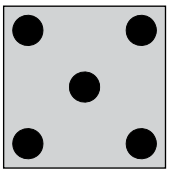
Rd 4006
Hole Size: 4.0mm [.157"]
% Open Area: 6.0%



Rd 1506
Hole Size: 1.5mm [.059"]
% Open Area: 6.0%

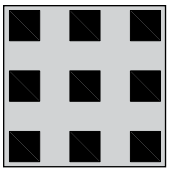


Rd 1810
Hole Size: 1.8mm [.071"]
% Open Area: 10.0%

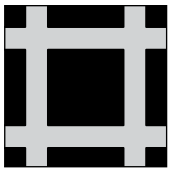


Rd 4011
Hole Size: 4.0mm [.157"]
% Open Area: 11.0%

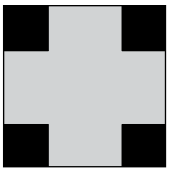
Type: Square-Straight



M6 {Qg 4025}
Hole Size: 4.0mm x 4.0mm [.157" x .157"]
% Open Area: 25.0%

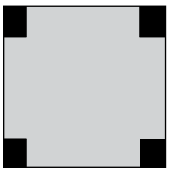


Qd 10059
Hole Size: 10.0mm x 10.0mm [.394" x .394"]
% Open Area: 59.0%

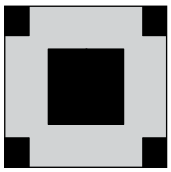


Qg 12515
Hole Size: 12.5mm x 12.5mm [.492" x .492"]
% Open Area: 15.0%

Scale: 50% of actual size



Qg 20018
Hole Size: 20.0mm x 20.0mm [.787" x .787"]
% Open Area: 18.0%



Qg 20034
Hole Size: 20.0mm x 20.0mm [.787" x .787"]
% Open Area: 34.0%

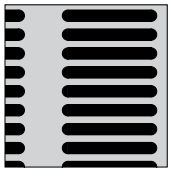
Scale: 50% of actual size

Type: Trapezoid-Staggered

Tv 26845
Hole Size: 26.8mm x 9.0mm [1.102" x .354"]
% Open Area: 45.0%

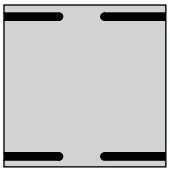
Scale: 50% of actual size

Type: Oval-Straight Slotted



Lg 25042
Hole Size: 25.0mm x 3.0mm [.984" x .118"]
% Open Area: 42.0% or Varies

Scale: 50% of actual size

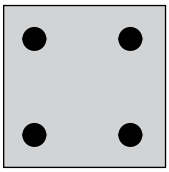


Lg 42003
Hole Size: 42.0mm x 2.0mm [4.724" x .079"]
% Open Area: 3.0% or Varies

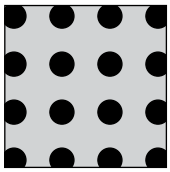
Scale: 50% of actual size

Standard Aluminum Perforations

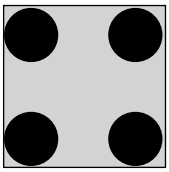
Type: Round-Straight



M14 (Rg 3205)
Hole Size: 3.18mm [.125"]
% Open Area: 5.0%



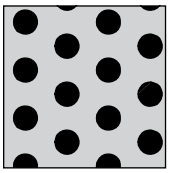
M19 (Rg 3220)
Hole Size: 3.2mm [.125"]
% Open Area: 20.0%



Rg 1421
Hole Size: 14.224mm [.56"]
% Open Area: 21.0%

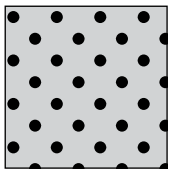
Scale: 50% of actual size

Type: Round-Staggered

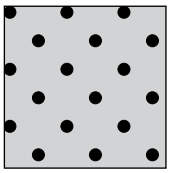


M17 (Rv 3223)
Hole Size: 3.2mm [.125"]
% Open Area: 23.0%

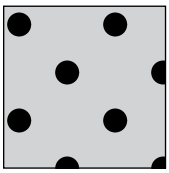
Type: Round-Diagonal



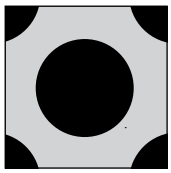
M15 (Rd 1612)
Hole Size: 1.6mm [.063"]
% Open Area: 12.0%



M16 (Rd 1607)
Hole Size: 1.6mm [.063"]
% Open Area: 7.0%

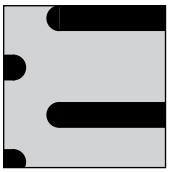


M18 (Rd 3210)
Hole Size: 3.2mm [.125"]
% Open Area: 10.0%

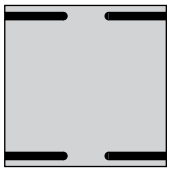


Rd 1242
Hole Size: 12.7mm [.50"]
% Open Area: 42.0%

Type: Oval-Straight



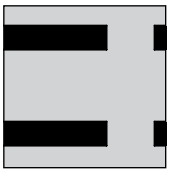
Lv 25422
Hole Size: 3.175mm x 25.4mm [.125" x 1.0"]
% Open Area: 22.0%



Lg 42003
Hole Size: 42.0mm x 2.0mm [4.724" x .079"]
% Open Area: 3.0% or Varies

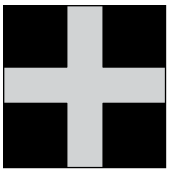
Scale: 50% of actual size

Type: Rectangle-Straight



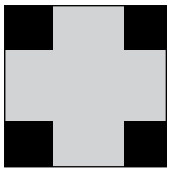
Lg 25420
Hole Size: 3.175mm x 25.4mm [.125" x 1.0"]
% Open Area: 20.0%

Type: Square-Straight



Qg 1945
Hole Size: 19.04mm [.75"]
% Open Area: 45.0%

Scale: 50% of actual size



Qg 1216
Hole Size: 12.7mm [.50"]
% Open Area: 16.0%

Scale: 50% of actual size

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