



accurate
PERFORATING



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www.accurateperforating.com

It's not just metal with holes.

W

WE CONVERT COMMODITIES INTO COMPONENTS.

We design, produce, and fabricate to the most precise specifications for the most demanding customers. Today, our speaker grilles shape sound to the delight of audiences around the world. Our filtration screens make environments more friendly. Our agricultural components help create food for everyone. Our architectural components bring magic to the spaces we all inhabit.

WE CREATE VISUAL INTEREST. Architectural grilles. Decorative panels. Display components.

Our grilles, screens, and architectural components help designers enrich environments with light and shadow.

We teach light to



dance.

WE SHAPE SOUND. Our close collaboration with audio engineers helps manage their clients' acoustics. We help fabricate ceiling panels that silence ambient noise. In industries from medical to semi-conductor manufacturing our acoustical panels help make sound environments more comfortable.

We teach sound to



resonate.

OUR AGRICULTURAL SCREENS AND STRAINERS

help prepare crops for market. We make elements for filters that clean particles from the air we all breathe and water we drink. We even provide components for security systems, to keep bad guys out of good places.

We teach the littlest things to



behave.

Some of the industries in which we've made our reputation:



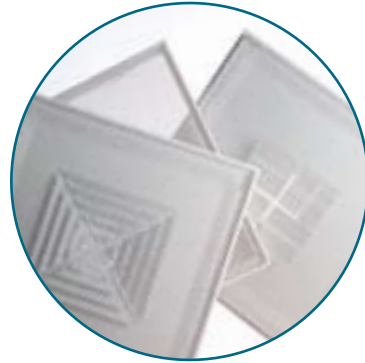
AUDIO

Custom speaker grilles require high open area patterns. We work in partnership with audio engineers to create designs that meet exacting criteria, are durable in many demanding outdoor applications and are pleasing to the eye.



ARCHITECTURAL

Designers bring their ideas for building and parking structure facades to us. They design outdoor furniture and components that bring beauty to all kinds of spaces. We execute their designs in many materials, including thick aluminum and steel.



HVAC

We make commercial air diffusers, fan guards, and screens. Products to make air cleaner and people more comfortable everywhere.



ELECTRONIC ENCLOSURES

For server cabinets and many other types of applications, the patterns are unique, and built to exacting specifications and flatness. They provide shielding from electronic interference, and sufficient cooling for demanding components.



photo taken of Industrial Noise Control, Inc.®

NOISE CONTROL

We make specialized panels and components for mufflers engineered to exacting tolerances, which are used to control unwanted sound in public, professional, and technological spaces.



STORE FIXTURES AND DISPLAYS

Our perforated metal is used in shelving and display racks at places everyone visits every day. Home Depot®, Sears, Target, and Blockbuster Video are just a few of the retail outlets where our products are used.



PERFORATED BAKING TRAYS

Much of North America's bread is baked in pans made from our perforated blanks.



FILTRATION

Our perforated metal is used for wrappers and baskets in many kinds of oil, air, and water filters.

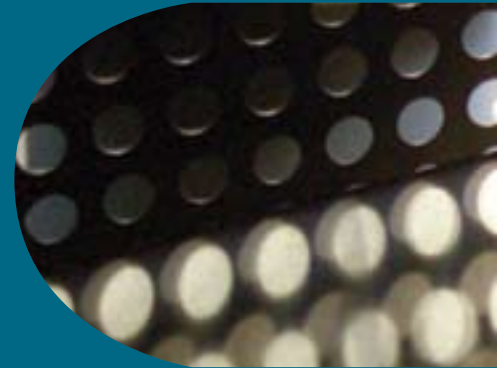
DESIGN – TOOLING – PERFORATING – FABRICATING – STOCKING

We can perforate metal and other materials up to 1/2" thick, and up to 72" wide in sheet or coil. We can provide additional fabricating upon finishing, including part holes, notching, forming, corrugating, and more, to give you a complete component solution. Difficult projects are our engineering staff's bread and butter. We work with AutoCad files via e-mail to make it easier to share ideas. We also provide stocking for many customers who require us to keep many truckloads of perforated components ready at all times. Finished products can be delivered in sheets, coils, and re-squared blanks. We work to be your partner, whether you simply need perforated stock, or need us to be an integral part of your production flow.



Our Capabilities.

FOR MORE THAN SIXTY YEARS, it's been about the latest, best equipment, and the finest, most experienced, most exacting craftsmen. It's been about building our business through superior service, through the loyalty of our customers, and when the opportunity presents itself, through careful acquisition. To become the very, very best at what we do.

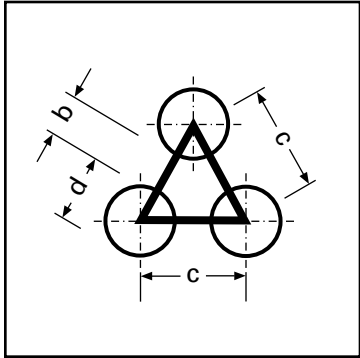


Our History.

WE HAVE A SINGLE MINDED COMMITMENT to our craft. Our core business, what we live and breathe, is perforating. This is what we do, and it is all we do. The equipment we acquire, the partnerships and alliances we make, the focus of our people are all dedicated to offering superior products and services in our chosen field.

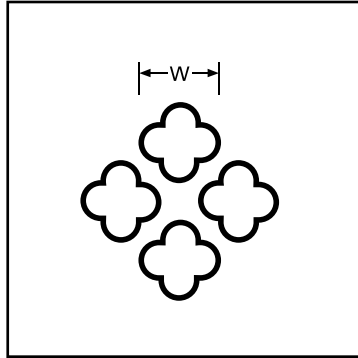


Our Dedication.



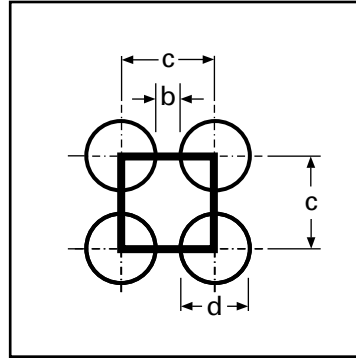
Round Holes Staggered

Shape: Round
 Pattern: Staggered
 Hole Size: d
 Center Distance: c
 Bridge Size: b
 Range of Hole Size: .045" - 4.0"



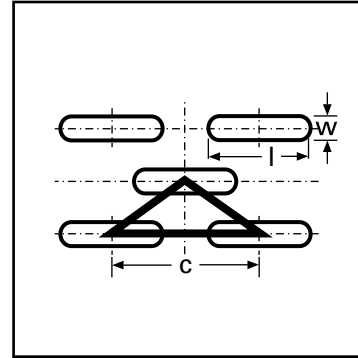
Ornamental Holes

Shape: Cloverleaf
 Pattern: Staggered
 Hole Size: w
 Patterns Available: Chainlink, Cloverleaf, Diamond, Hexagon Shape, Lincane, Minicane, Octagon Cane, Round Cane, Royal, Union Jack



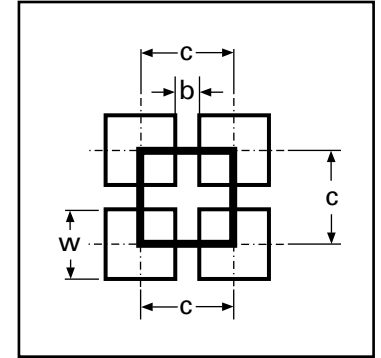
Round Holes Straight

Shape: Round
 Pattern: Straight
 Hole Size: d
 Center Distance: c
 Bridge Size: b
 Range of Hole Size: .045" - 4.0"



Slot Holes

Shape: Oblong Slot
 Pattern: Staggered
 Hole Width: w
 Hole Length: l
 Center Distance: c
 Available in round or square ends
 Available in straight or staggered patterns



Square Holes

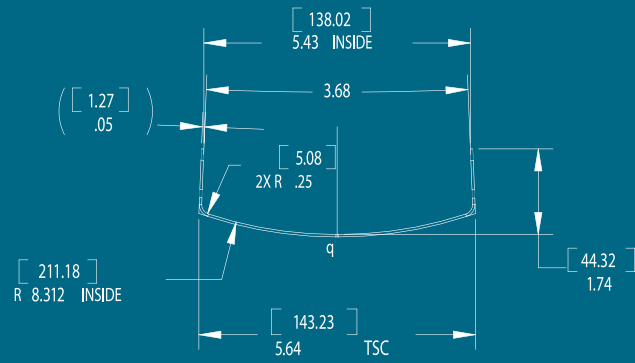
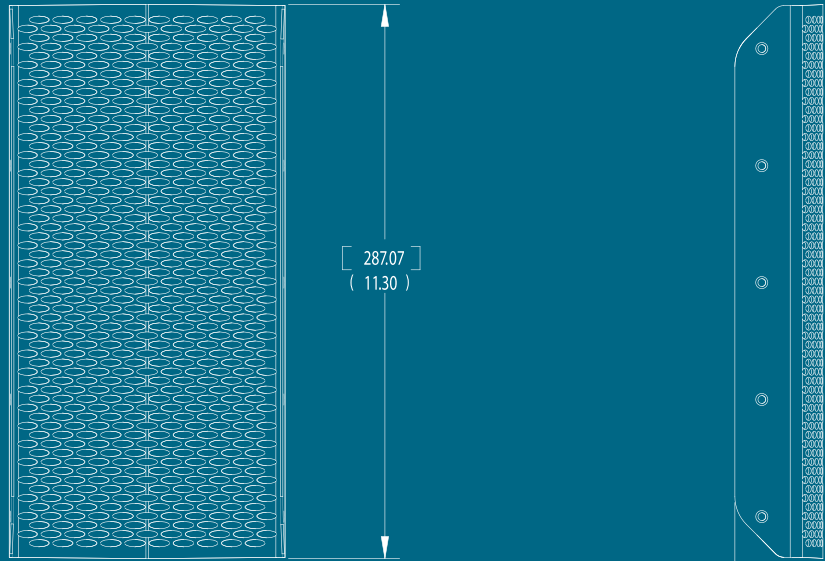
Shape: Square
 Pattern: Straight
 Hole Size: w
 Center Distance: c
 Bridge Size: b
 Range of Hole Size: .125" - 4.0"
 Available in straight or staggered patterns

Please visit www.accurateperforating.com for a full catalog of patterns and additional technical information.

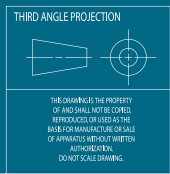
We build from the most basic patterns.

NOTES:

1. MATERIAL: 16 GA (.060) GALVANEAL.
2. PERFORATE AS SHOWN.
3. FINISH: DUPONT EFB-504-SO RAVEN BLACK POWDERCOAT, SHERWIN WILLIAMS POWDURA EPOXY POWDERCOAT OR MORTON 10-7068 VISTA BLACK POWDERCOAT.
4. DIMENSIONS IN BRACKETS ARE IN MILLIMETERS.



REVISIONS		
REV	DESCRIPTION	APPR / DATE
A	UPGRADE TO PRODUCTION STATUS FROM REV. C. WITH THE FOLLOWING CHANGES: E60XP WAS E50XP PER DWG NO. 5647939-9884 PER QJP 5/27/03	HCE 5/27/03
B	MATERIAL CHANGED TO GALVANEAL WAS COLD ROLLED STEEL SEE NOTE 1 PER ECO 6624 QJP 6/20/03	HCE 8/20/03
C	ADDED 2 ROWS OF PERF. DIMENSION .23 WAS .24 SEE SHEET 2 DETAIL. A. PER ECO WHT2563 QJP 1/28/04	LDT 2/1/03 NSI 2/1/03
D	DELETED SHERWIN WILLIAMS POLANET CARBIDE BLACK F63 B12 AS FINISH OPTION SEE NOTE 3. DIM [358.84]/(14.13) WAS [360.93]/(14.21), [56.99] WAS [56.82], [172.53]/(6.79) INSIDE WAS [174.32]/(6.86) INSIDE, 4.67 WAS 5.87, [179.04]/7.05 TSC WAS [181.65]/7.15 TSC, [55.40]/2.18 WAS [55.23]/2.17 SEE SHEET 1. [260.15]/10.24 WAS [261.64]/10.30, [225.34]/8.87 WAS [225.85]/8.89, [202.98]/2X 7.99 TSC WAS [207.43]/2X 8.17 TSC, [358.84]/14.13 WAS [360.93]/14.21, [303.02]/2X 11.93 WAS [304.87]/2X 12.00, [151.38]/2X 5.96 WAS [152.47]/2X 6.00, 10X ([5.11]/y .20 THRU) CSK 82? TO [7.87]/y .31 NEAR SIDE WAS 10X ([5.67]/y .22 THRU) CSK 82? TO [8.38]/y .31 NEAR SIDE SEE SHEET 2. PER ECOWHT2836 QJP 7/28/04	EAY 7/29/04 NSI 7/29/04



UNLESS OTHERWISE SPECIFIED:
ALL DIMENSIONS ARE IN INCHES

TOLERANCE IN INCHES
X.030 XX.015 XXX.005
FRACTIONS ±1/32
ANGLES ±1/2°

(DXXX) = REF DIMS NO TOLERANCE IMPLIED

TSC = THEORETICAL SHARP CORNER

DIMENSIONS ACROSS CENTERLINES TO BE SYMMETRICAL

STATUS	PRODUCTION	
	APPROVALS	DATE
DRAWN:	M. PRIOR	8/18/02
CHECKED:	HCE	5/27/03
DES ENG:	EAY	5/27/03
MFG ENG:	TA	6/6/03

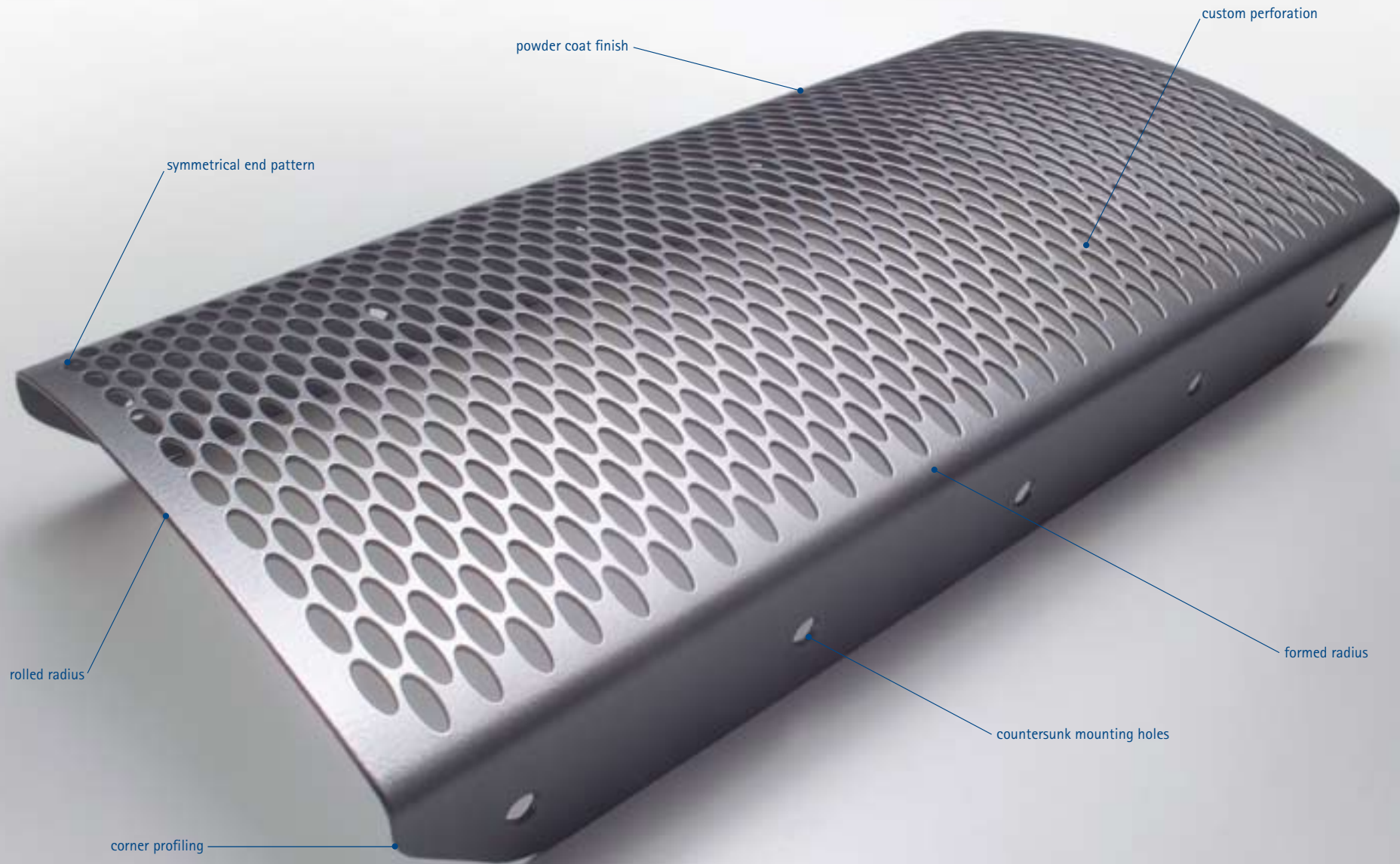
ACCURATE PERFORATING COMPANY
3636 S. KEDDIE AVENUE CHICAGO, IL 60632

TITLE: **GRILLE/FORMED/E60XP**

B SHEET 1 OF 2 SCALE: 1:5

DWG. NO. **5647939-9884** REV **D**





powder coat finish

custom perforation

symmetrical end pattern

rolled radius

corner profiling

countersunk mounting holes

formed radius

We convert commodities into components.



OUR MISSION is to be a great partner. To move and grow with you into ever more innovative, ever broader applications. To make everything you make closer to perfection. More efficient. More refined. More beautiful. More useful to your customer. More profitable to you.

Please contact us at the earliest stage of your next project. We will be happy to become your partner and make our capabilities and services part of your business. Call us at 800.621.0273.

Our Mission.



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