



GLOBAL METALFORMING SOLUTIONS

DAYTON Lamina™



Lamina® LEMPCO



TRUSTED SERVICE AND QUALITY PRODUCTS

DAYTON LAMINA™ is the world-wide industry leader in the production of catalog and special punches, die components, die details, punch blanks and metalstamping tools. Our full line of tooling includes everything in your bill of materials, punches, die buttons, pins & bushings, wear and guide components, die springs, cams, die details, punch retainers and more.



Only DAYTON LAMINA™ can offer you...

Shortest, most consistent delivery

Our punch & die Firm Delivery Schedule reduces your leadtime, maintenance downtime and inventory. Our in stock catalog die components are available for immediate delivery.

Most comprehensive range of product, industry leading brands

More variety than any other metal stamping tooling manufacturer, meeting all your metal forming tooling requirements.

Vast world-wide distributor network

Dayton Lamina trained distributors are nearby to assist you in product selection, problem solving and order placing to assure you of receiving the highest quality.

No minimum order

Carry less inventory - order what you need when you need it.

Highest level of technical support available

Most knowledgeable sales and technical support team in the industry, helping to solve your most demanding problems and maintain your productivity.

Metallurgical services

More manufacturing facilities than any other supplier

The world-wide Dayton Lamina Team is dedicated to furnishing you with the highest quality, best value catalog and to-print special metal stamping tools and components.

No other supplier can offer you this list of benefits!



DAYTON PROGRESS

PRODUCTS YOU CAN DEPEND ON FROM A MANUFACTURER YOU CAN TRUST!

Dayton Progress, a MISUMI Group Company, has been consistently delivering quality, competitively-priced punches, die buttons, retainers, and other tooling products to metal fabricators since 1946. Dayton Progress operates multiple manufacturing and engineering facilities in North America, Europe, and the Pacific Rim. Dayton Progress offers exceptional value for its customers with more quality, more products, and more technical support. Manufacturing facilities are ISO 9001 certified.

Punches, Die Buttons, & Retainers (Inch & Metric)

- Versatile & VersaPlus®
- Kommercial & TuffPunch®
- Ball Lock
- "To Print" specials
- Die details

Die Springs

- MaxLife® Inch
- ISO color Inch & Metric

FDS® (Firm Delivery Schedule)

- Fast, dependable delivery
- 1 day on most commonly used products

Posi-Strip™ Self-contained punch stripping system

DAYLube™ NanoCeramic Lubricating Grease

- 10x the normal life, much lower COF at all temps., extraordinary adhesion, & higher load bearing properties than other greases.

Urethane Products

- Headed punch strippers, backing/retaining plates
- Headless punch strippers
- Sheets, bars, & rods
- Springs/tubes

In-house Metallurgical Lab to perform:

- Micro Structure Analysis
- Material Qualification
- Metallurgical Qualification
- Wear Analysis
- Failure Mode Analysis



Danly IEM, a MISUMI Group Company, is the trusted name for solutions and innovation for the global parts forming industry since the 1920s. Danly IEM is the leading manufacturer of die making supplies and components for industry in North America.

The Danly IEM product line includes a wide range of guide posts, bushings, die springs, wear plates, cams, and other diemakers' supplies. Danly IEM also manufactures special components and customized products to fit our customers' specifications. Danly products are manufactured in state-of-the-art ISO 9001 and ISO 14001 certified facilities in Michigan and Wisconsin.

Cams

- Aerial & die mount cams
- Box cams
- Wide cams

Diemakers' Supplies

- Inch & metric press room accessories

Guide Posts & Bushings

- Plain & ball bearing styles
- Steel, bronze, bronze-plated and self-lubricating bushings
- Cage stopper end caps
- Special pins, bushings and retainers

In-Die Tapping

- Mechanical units

Springs

- DieMax™ XL series ISO die springs
- JIS series die springs
- Custom heavy duty springs
- Formathane® urethane

Wear Product

- Plates, strips, gibs & blocks
- Steel, bronze & self-lubricating materials

Lamina, a MISUMI Group Company, is a leading international manufacturer of tool, die, and mold components for the metal working and plastic forming industries. Since 1938, Lamina empowers customers to compete globally by providing innovative and value added products and services. Our expertise and experience in manufacturing die components ensure stringent quality standards and controls for our customers. Lamina products are manufactured in state-of-the-art ISO 9001 and ISO 14001 certified facilities in Michigan and Wisconsin.

Cams

- Aerial & die mount cams
- Roller cams
- Slim cams

Die Accessories

Guide Posts & Bushings

- Plain & ball bearing styles
- Steel, bronze, bronze-plated and bronze self-lubricating bushings
- Special pins, bushings and retainers
- Guided retainers

Hydraulics

- Electronic die setters
- Die separators
- Drill & tap equipment
- Hydraulic motors

Lamina-Bronze Components

- Custom Plating

Mold Components

- Bronze plated & bronze self-lubricating bushings
- Leader pins – Inch & Metric
- Bronze & bronze plated wear strips & ways

Springs

- DieMax™ L inch series die springs
- Custom heavy duty springs
- Marsh Mellow® springs
- Formathane® urethane
- Utility springs

Wear Product

- Plates, strips, gibs & blocks
- Steel, bronze, bronze-plated and self-lubricating materials

Rotary Benders

- Accu-Bend™
- Posi-Bend™



Lempco, a MISUMI Group Company, is known for their extremely high quality and reliability since 1917. Lempco's die set guiding components and die springs provide you with the highest precision level available to the metal stamping industry. Lempco has proven experience in selecting metals, developing designs, and understanding the details of customer needs to ensure you receive cost-effective performance run after run. Lempco products are manufactured in state-of-the-art ISO 9001 and ISO 14001 certified facilities in Michigan and Wisconsin.

Guide Posts & Bushings

- Ball bearing featuring Rotainer® cage
- Lempoloy™ bushings
- Special pins, bushings and retainers

Springs

- DieMax™ L inch series die springs
- Custom heavy duty springs
- Formathane® urethane

MISUMI is a leading manufacturer and distributor of mechanical automation, press die, plastic mold, electrical and industrial supply components. Our powerful multidimensional configuration model allows engineers to select and design parts that meet their specifications in increments up to as fine as a micron.

Each one of our 80 sextillion part configurations is a global part number with no minimum order quantity or setup fee, and typically ships within four business days. Explore our high-quality product portfolio and configure the part that is right for you.

Punches, Die Buttons, & Retainers

- Steel & Carbide
- Round Shank & Block Style
- Dicoat® & WPC® Treatment, HW Coating

Guide Components

- Stripper Guide Pins & Bushings
- Guide Post & Bushings
- Holder Guide Post Sets
- Oil Free Slide Parts

Components/Peripheral Components

- Components for Guide Lifters
- Components for Automobile Dies
- Cam Related Components

Springs

- Coil
- Gas
- Urethane

**WE ARE COMMITTED TO BE THE
CUSTOMER FOCUSED
WORLD CLASS COMPONENTS
SUPPLIER OF CHOICE TO THE
METAL-WORKING & PLASTICS INDUSTRY**

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