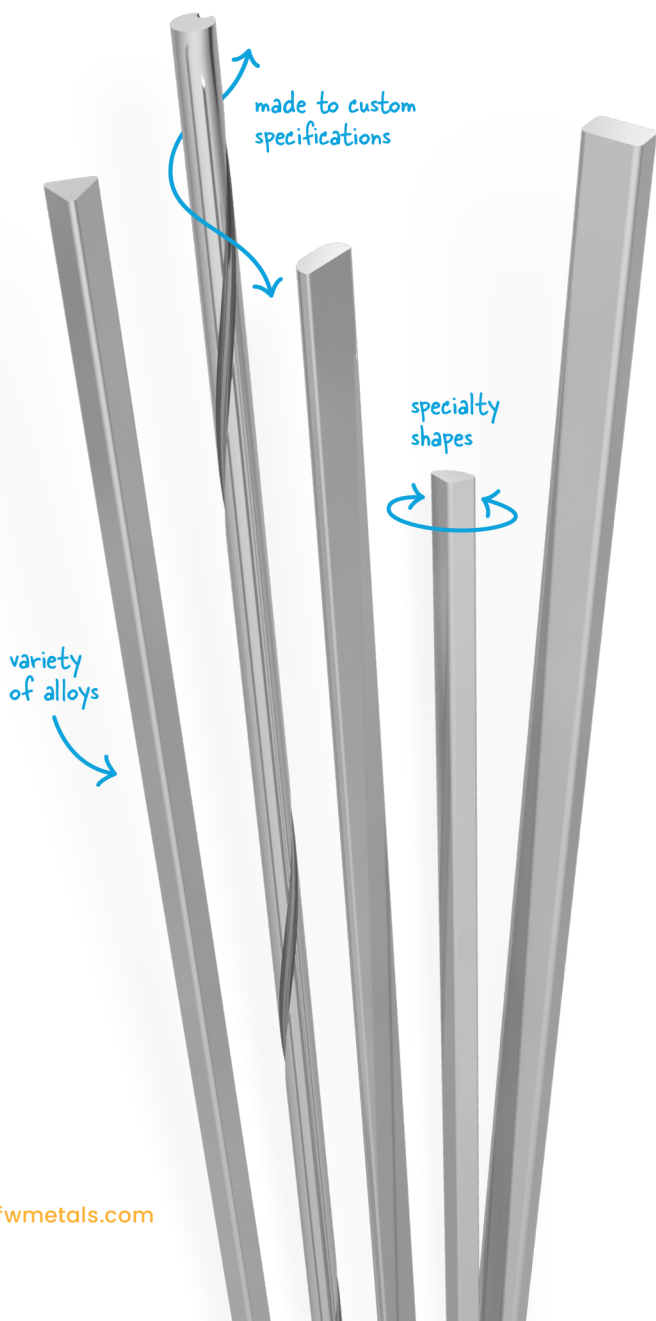




Shaped wire

Versatile shapes for a customizable fit



Specialty cross sections

Shaped wire allows you to leverage the versatility of nonstandard profiles. From triangles to crescent shapes, or wire with a continuous helical groove, we manufacture shaped wire in a variety of alloys. To do this, we use specialized tooling and processing, creating unique constructions that decreases the overall cross-sectional area. This means that no matter how small a space or tight a corner you need to navigate, shaped wire offers you the perfect fit, either in a standard profile or a custom design made just for you.

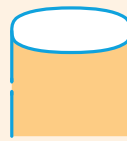
Typical end uses

With so many different constructions, shaped wire finds use in a variety of end applications. We often see our customers use shaped wire in catheter wires where the unique shapes allow them to fit multiple wires for a single entry point within the same overall diameter.

- › Catheters
- › Tooling
- › Staples
- › Needles
- › Coiling applications
- › Deployment mechanisms
- › Shaped guidewires

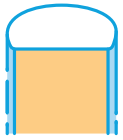
Shaped wire offerings

Explore our selection of shaped wire offerings to find just the right fit for your applications, or reach out to your Sales Representative about custom shaped wire.



ELLIPTICAL WIRE

0.0762 mm x 0.127 mm to 0.508 mm x 1.524 mm
[0.003 in x 0.005 in to 0.020 in x 0.060 in]



D-WIRE

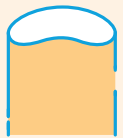
0.0762 mm x 0.127 mm to 1.016 mm x 2.032 mm
[0.003 in x 0.005 in to 0.040 in x 0.080 in]

- › Half-round, over half-round, under half-round



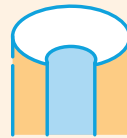
TRIANGLE WIRE

0.1143 mm x 0.216 mm to 1.016 mm x 1.143 mm
[0.0045 in x 0.0085 in to 0.040 in x 0.045 in]



CRESCENT WIRE

0.147 mm x 0.254 mm to 1.016 mm x 1.524 mm
[0.0058 in x 0.010 in to 0.040 in x 0.060 in]

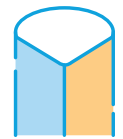


GROOVED WIRE

0.254 mm to 0.762 mm [0.010 in to 0.030 in]

- › Groove size can range from 4 to 20% of the cross-sectional area

Manufactured with Nitinol, 304V stainless steel, 316LVM stainless steel, and 35N LT™ alloy



PIE WIRE

0.142 mm x 0.177 mm to 0.762 mm x 1.143 mm
[0.0056 in x 0.007 in to 0.030 in x 0.045 in]

- › Wire angle: 45° to 120°



TURKSHEAD WIRE

0.152 mm x 0.152 mm to 0.889 mm x 0.889 mm
[0.006 in x 0.006 in to 0.035 in x 0.035 in]

- › Max width/thickness ratio of 2:1

Value-added services

While shaped wire gives you the ability to fit custom cross sections into uniquely sized spaces, our other services can help you reduce process steps either in-house or with an external vendor. Take advantage of:

COATING electrical insulation or chemical separation with custom coatings

CUT-TO-LENGTH wire shipped to you in discrete lengths





Scan to visit our website
for additional information
on this topic and more.

LOCATIONS AROUND THE WORLD

Global Headquarters
Fort Wayne, Indiana, U.S.A.

European Headquarters
Castlebar, Co. Mayo, Ireland

Advanced Materials Development
Columbia City, Indiana, U.S.A.

International Sales Support
Shanghai, China
Augsburg, Germany
Potheri Chennai, India
Savyon, Israel
Kobe, Japan
Seoul, Korea

U.S.A. Sales Support
San Mateo, California
Ridgefield, Connecticut
Chanhassen, Minnesota

Find your Sales Representative
at fwmetals.com/find-your-rep



FORT WAYNE METALS

Turning knowledge into solutions.®

9609 Ardmore Avenue
Fort Wayne, Indiana 46809
PHN 260.747.4154
FAX 260.747.0398
EMAIL info@fwmetals.com