



Diamond Wire Drawing Dies

Let's face it. You've got plenty happening in your wire mill without stewing over the quality and durability of your wire dies. That's where US Synthetic Wire Die comes in. As a business unit of US Synthetic Corporation, we make the longest-lasting polycrystalline diamond (PCD) wire dies in the business, which means you can pull more pounds of wire per dollar spent on dies.

We're already the industry leader in diamond cutters used in drill bits for oil and gas exploration. Our technical expertise in PCD enables development of the unique material used in our wire dies. In fact, we're the only wire die manufacturer that also presses its own PCD blanks. Pressing the diamond core and finishing the die to exact specifications gives you a durable, high-performance product that draws more pounds of wire per dollar.



A Commitment to Innovation, Service, and Quality

The demanding applications for PCD require aggressive research and constant innovation. A commitment to innovation made US Synthetic a major force in the PCD industry more than a decade ago. Innovation at US Synthetic is driven by the engineers and scientists working with customers to observe performance and develop new technologies that reflect real-world situations and circumstances. This emphasis means we're in the best position to both understand and solve your most challenging drawing applications.

USSynthetic[®]
WireDie



Advanced Diamond Sintering Processes

State-of-the-art manufacturing processes—including proprietary cubic presses that apply nearly 1 million pounds of uniform pressure and generate temperatures of 1,400° Celsius—are used to synthesize the strongest, most durable wire dies in the world.

New Innovations through Research and Development

At US Synthetic, experienced research and development engineers create new innovations for strengthening and improving our wire die products. We also work directly with our wire mill clients to customize materials and dimensions to meet unique, exacting specifications, all backed by a 100% quality guarantee.

Realize a Better Return on Your Capital Assets

Choosing US Synthetic Wire Die as your source for durable, high-performance dies is a sound business decision. This decision places you on the path to improved total cost of ownership, competitiveness, and profitability. We are building upon the 28-year reputation of US Synthetic Corporation for product innovation, customization, “dock-to-stock” quality, and on-time delivery. If a US Synthetic wire die doesn’t perform as expected, we’ll replace it for free.

Remember, US Synthetic Wire Die:

- Makes the longest-lasting, most abrasion-resistant wire dies in the business
- Is dedicated to continuous improvement and product innovation
- Is known for thorough, proactive customer responsiveness
- Is a true business partner—one you can trust to deliver on its commitments consistently and with quality

For more information on how US Synthetic Wire Die can help you operate more efficiently using our dies, please call 801-235-9001 or visit www.usswiredie.com.

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