

For Immediate Release

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US Synthetic Wire Die Unveils New Product Line

Veteran polycrystalline diamond company offers PCD wire dies that enable more pounds of wire pulled per dollar

Orem, UT– May 1, 2007 – [US Synthetic Wire Die](#), a new business unit of [US Synthetic](#), today announced a new product line designed to serve the wire die industry. Leveraging its parent company’s [polycrystalline diamond \(PCD\) expertise](#), US Synthetic Wire Die has developed dies that last longer than traditional PCD dies.

“Because US Synthetic Wire Die manufactures its own diamond blanks, the company has the ability to customize long-lasting dies to each customer’s unique applications,” said Richard Ladd, a recognized industry expert. “This results in faster turn-around times, higher levels of service and lower total cost of ownership than competitors who are dependent on third-party suppliers.”

Traditionally, the wire die industry is made up of two groups: diamond suppliers that provide diamond blanks and die makers who cut and polish those blanks into finished dies. Combining these steps into one process eliminates the middleman, enabling US Synthetic Wire Die to deliver integrated dies that enable more pounds of wire pulled per dollar than traditional PCD dies.

US Synthetic Wire Die’s integrated approach reduces the total costs traditionally associated with dies. This is due to the company’s PCD being more abrasive resistant which maintains wire tolerances longer than traditional products. US Synthetic Wire Die is focused on continuous improvement in PCD technology in wire die. In addition, its PCD blank sizes can be sized taller, allowing for more re-cuts.

“US Synthetic has a reputation of product innovation, quality and customer service that spans 28 years,” said Joe Memmott, US Synthetic Wire Die product manager. “Because our rate of technology advancement outpaces our competitors, we are able to respond quickly to changing marketing conditions. This enables US Synthetic Wire Die to offer dies with extended life, consistent quality, and on-time delivery.”

Product Information

Material	US Synthetic polycrystalline diamond (PCD) in 5, 12, and 25 micron
PCD blank size	Freestanding blanks D6, D12, D15, D18 Carbide-supported blanks D15, D18, D21, D24, D27, and D30 (Taller blanks available allowing more recuts)
Sizes	Dies from 1/2 inch down to .005 inches
Geometry	Custom built to specifications
Casing sizes	Both standard and custom sizes available

About US Synthetic Wire Die

US Synthetic Wire Die is the only wire die manufacturer and distributor that also manufactures its polycrystalline diamond (PCD) blanks. Pressing the diamond core and finishing the die to exact specifications gives customers a high-performance, long-lasting product that draws more pounds of wire per dollar. US Synthetic is the world's leading producer of PCD for oil and gas drilling inserts. US Synthetic Wire Die builds upon a 28-year reputation for product innovation, customization, "dock to stock" quality, and on-time delivery. The company works directly with customers to provide dies that meet their specific needs. For more information, visit www.ussyntheticwire.com or call 1-801-235-9001.

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