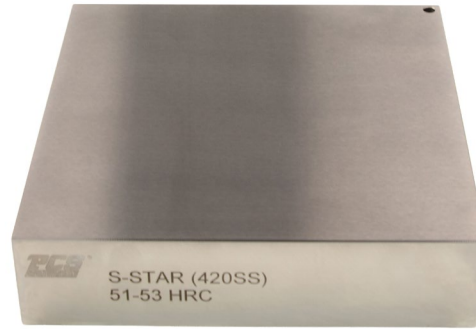


Wire EDM Blanks

PCS is committed to mold makers, tool builders, and plastics manufacturers who demand precision, consistency, fast turnaround, and tool room efficiency.

PCS Wire EDM Blanks are made from three EDM friendly tool steels, each supporting specific applications and conditions. They are stocked in 8 x 8 blocks in 1", 2", or 3" thick options providing versatility for many projects. Through-hardened and ground square and parallel, featuring an EDM hole making them EDM ready.

- Designed to save time and money
- Prepared and ready for insert production
- Through hardened with ground top and bottom and milled sides
- Starter hole included



Steel Types and Applications

Premium Material		Characteristics	Why It Matters	Applications
Wear Resistance	DCMX (~S7) 59-61 HRC	High hardness	Improved dielectric cleanliness	Plastic cavity and cores where high wear is an issue
		high toughness	Less electrode wear	
		Fine uniform carbides	Cleaner finishing passes	Precision Mold Components - slides, lifter, and wear plate
		Excellent conductivity	More stable spark gap	
Impact Resistance	DHA-WORLD (~H-13) 50-52 HRC	Good electrical conductivity	Debris flushes easily	Aluminum and Zinc die cast dies
		Uniform carbide distribution	Less carbon build up	Extrusion industry
		High toughness	Cleaner dielectric fluid over long burns	Plastic Molds
		Heat resistance and stable thermal behavior	Stable roughing and finishing performance	Hot Runner components
Heat Resistance	S-STAR (~420 ESR) 51-53 HRC	Homogeneous microstructure	ESR purity – cleaner more uniform erosion	Plastic Injection Molds requiring high polish
		Excellent corrosion resistance	Less erratic sparking	Medical and food grade tooling
		Very fine carbide due to ESR refining process	Reduced pitting and fewer recast issues	Consumer goods and electronic molds
		Superb mirror finish	Reduced inclusions which cause dirty EDM behavior	Cosmetic and packaging molds