

*Ultra-Life* D518 Method A Die

CCSi manufactures these high quality *Ultra-Life* Specimen Cutting Dies for the three procedures that estimate the comparative ability of rubber and rubber-like materials to withstand the effects of normal weathering, or exposure in an atmosphere containing controlled amounts of ozone, as described in [ASTM D518](#) 'Standard Test Method for Rubber Deterioration – Surface Cracking'.

These same specimens are also used for the estimation of the resistance of vulcanized rubber to cracking when exposed to an atmosphere containing ozone, as described in [ASTM D1149](#) 'Standard Test Method for Rubber Deterioration – Surface Ozone Cracking in a Chamber'.

CCSi also manufactures, by special request, the Specimen Mounting Apparatus for D518 and D1149 Methods A, B and C, and the template for Method C.

#### CCSi *Ultra-Life* Specimen Dies: Quality Manufacturing

CCSi *Ultra-Life* specimen cutting dies are manufactured from homogenous, solid, high carbon content A2 tool steel. Each undergoes multi-axis precision grinding and conventional, plunge, or wire EDM (Electrical Discharge Machining) processes ... producing a world-class, close tolerance die.

Precision grinding and EDM processes ensure true parallelism and multi-plane dimensional accuracy. The quality of materials, design, and engineering serve to provide the highest specimen quality possible, over an extended service life.

Where highly technical manufacturing techniques and processes end ... old-world craftsmanship begins!

CCSi *Ultra-Life* specimen cutting dies are individually serialized, hand-honed, and mirror polished. A protective coating of industrial enamel is applied to the non-cutting surfaces before undergoing a rigorous final inspection.

Each *Ultra-Life* specimen cutting die includes a detailed final report and certification to the applicable standard, traceable to NIST, and compliant with ISO 9001:2000 and ISO/IEC 17025. The specimen dies are placed in a plastic, blow-molded, 'clam shell' style case with a foam lining to protect the die during transport and storage.

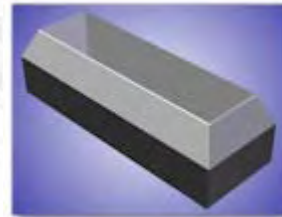
#### CCSi *Ultra-Life* Specimen Dies: Features

The CCSi Specimen Cutting Dies Feature:

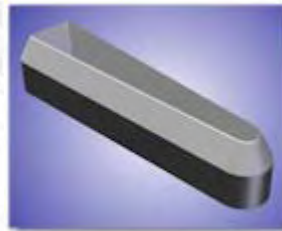
- Exclusive *Ultra-Life* cutting edge technology;
- Designed with advanced 3D solid modeling;
- High carbon content A2 tool steel;
- Manufactured using computerized systems and techniques;
- EDM (Electrical Discharge Machining);
- CNC (Computer Numerical Control) 4 axis machining;
- Precision ground;
- Expertly honed;
- Finely polished;
- Protective industrial enamel coating;
- Plastic, foam lined, protective case;
- Traceability of dimensional measurement to NIST;
- Certification to ASTM D518 & D1149;
- Compliance with ISO 9001:2000 and ISO/IEC 17025;

Available in:

- ASTM D518 Methods A, B & C;
- ASTM D1149 Methods A, B & C;
- Mallet handle, arbor press mount, & press adapter versions.



*Ultra-Life* D518 Method B Die



*Ultra-Life* D518 Method C Die

CCSi *Ultra-Life* ASTM D518 / D1149 Specimen Cutting Dies: Specifications & Pricing

Part Number	Description	Dimensions
CCSi-D518-An	D518 Method A Die without mounting device	25 x 150 mm (1.0 x 6.0 inch)
CCSi-D518-Aa	D518 Method A Die with arbor press mount	
CCSi-D518-Ap	D518 Method A Die with press adapter	
CCSi-D518-Am	D518 Method A Die with mallet handle	
CCSi-D518-Bn	D518 Method B Die without mounting device	25 x 95 mm (1.0 x 3.75 inch)
CCSi-D518-Ba	D518 Method B Die with arbor press mount	
CCSi-D518-Bp	D518 Method B Die with press adapter	
CCSi-D518-Bm	D518 Method B with mallet handle	
CCSi-D518-Cn	D518 Method C Die without mounting device	25 x 137 mm (1.0 x 5.4 inch)
CCSi-D518-Ca	D518 Method C Die with arbor press mount	
CCSi-D518-Cp	D518 Method C Die with press adapter	
CCSi-D518-Cm	D518 Method C Die with mallet handle	
CCSi-D518-Asa	ASTM D518 Method A Apparatus	Specimen Mounting Apparatus
CCSi-D518-Bsa	ASTM D518 Method B Apparatus	Specimen Mounting Apparatus
CCSi-D518-Csa	ASTM D518 Method C Apparatus	Specimen Mounting Apparatus
Please Request a <a href="#">Quotation</a> for current pricing and delivery.		

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