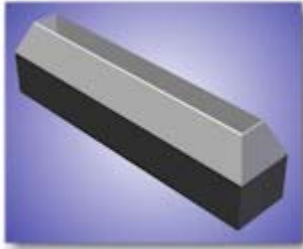


CCSi *Ultra-Life* Specimen Cutting Dies: ASTM D3395



D3395 Method A Specimen Die

CCSi manufactures these high quality Specimen Cutting Dies for determining the cracking resistance of vulcanized rubber exposed under dynamic strain conditions to a chamber atmosphere containing ozone at a fixed partial pressure, as described in [ASTM D3395](#) 'Standard Test Methods for Rubber Deterioration – Dynamic Ozone Cracking in a Chamber'. The effects of sun or ultraviolet light are excluded.

ASTM D3395 describes two procedures, *Method A* (tensile elongation test) and *Method B* (belt flex test).

These determine, in a comparative sense, the degree of ozone resistance of a material under the accelerated conditions of the tests.

CCSi provides the [OREC™ Ozone Chamber](#), which is suitable for performing the *Dynamic Ozone Test*, as well as molds and cutting dies used in other ozone test procedures.

CCSi *Ultra-Life* Specimen Dies: Quality Manufacturing

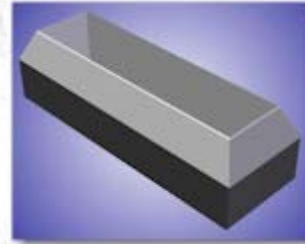
CCSi *Ultra-Life* specimen cutting dies are manufactured from homogenous, solid, high carbon content A2 tool steel. Each undergoes multi-axis precision grinding and conventional, plunge, or wire EDM (Electrical Discharge Machining) processes ... producing a world-class, close tolerance die.

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.



D3395 Method B Specimen Die

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 D3395;
- Compliance with ISO 9001:2000 and ISO/IEC 17025.

Available in:

- ASTM D3395 Method A (tensile elongation);
- ASTM D3395 Method B (belt flex).

CCSi *Ultra-Life* ASTM D3395 Specimen Cutting Dies: Specifications & Pricing

Part Number	Description	Dimensions
CCSi-D3395-An	Method A Die without mounting device	100 ± 25 x 10.00 ± 0.03 mm (3.98 ± 0.984 x 0.40 ± 0.01 inch)
CCSi-D3395-Aa	Method A Die with arbor press mount	
CCSi-D3395-Ap	Method A Die with press adapter	
CCSi-D3395-Am	Method A Die with mallet handle	
CCSi-D3395-Bn	Method B Die without mounting device	100.00 x 25 mm (3.98 x 0.984 inch)
CCSi-D3395-Ba	Method B Die with arbor press mount	
CCSi-D3395-Bp	Method B Die with press adapter	
CCSi-D3395-Bm	Method B Die with mallet handle	
Please Request a Quotation for current pricing and delivery.		

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Corporate Consulting, Service & Instruments, Incorporated
 221 Beaver Street • Akron, Ohio 44304 USA
 Telephone: 800.742.8535 / 330.376.3600 • Facsimile: 800.229.9329 / 330.376.8500
 • WWW.CCSI-INC.COM • WWW.ORECOZONE.NET •