

CCSi ASTM D624 Nicking Apparatus for Dies A & B (ISO 34): Description

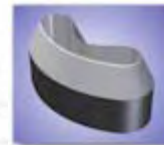


D624 Die B Specimen Nicker

CCSi manufactures this high quality Specimen Nicking Apparatus for precision nicking of Type A & B (ISO 34) specimens, as described in [ASTM D624](#) 'Standard Test Method for Tear Strength of Conventional Vulcanized Rubber and Thermoplastic Elastomers'.

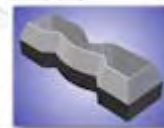
In order to perform the Type A and Type B (ISO 34) Tear Tests with high levels of accuracy and precision, the propagation of the tear is a most critical element. This device virtually eliminates error ... greatly improving both repeatability and reproducibility!

The test specimens are securely held in place by a spring loaded handle, guide, and backing plate assembly (shown in blue and red). The frame and specimen receptacle (shown in silver) are precisely machined to accommodate up to six specimens and designed to ease their precise positioning.



D624 Tear Die A

The guide for the cutting blade (shown in green) rests securely in the rigid frame. It is engineered to smoothly guide the cutting blade precisely through the specimen, creating a 'nick' at the prescribed depth of 0.50 ± 0.05 mm (0.020 ± 0.002 inch) with unparalleled repeatability. The preparation process is improved by producing statistically identical specimens.



D624 Tear Die B

The CCSi ASTM D624 Nicking Apparatus is manufactured from 304L stainless steel and anodized aircraft grade aluminum. The parts are EDM (Electrical Discharge Machining) and CNC (Computer Numerical Control) machined from homogenous solid material. The quality of design, materials and manufacture, as well as the ease of use, set this device apart from others of similar purpose.

CCSi ASTM D624 Nicking Apparatus for Dies A & B (ISO 34): Features

The CCSi ASTM D624 Specimen Nicking Apparatus Features:

- 304L stainless steel frame;
- Aircraft grade *hard anodized* aluminum subassembly;
- Designed with advanced 3D solid modeling;
- Manufactured using computerized systems and techniques;
- CNC 4-axis (*X, Y, Z, b*) and EDM machined;
- Precision ground;
- Exponential improvements in test determinations;
- High benefit vs. cost ratio;
- Quality materials;
- Low maintenance;
- Available for ASTM D624 Specimen Types A & B (ISO 34).

CCSi ASTM D624 Nicking Apparatus for Dies A & B (ISO 34): Pricing Information

Part Number	Description
CCSi-D624-AND	ASTM D624 Nicking Apparatus for Specimen Die A
CCSi-D624-BND	ASTM D624 Nicking Apparatus for Specimen Die B
CCSi-D624-NDCB	Cutting Blades, 100 count, H.D. single edge razor blades
Please Request a Quotation for current pricing and delivery.	

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