



ASTM D624 Specimen Cutting Die

Available Variants

ASTM D624 – Type A Specimen Cutting Die
ASTM D624 – Type B Specimen Cutting Die
ASTM D624 – Type C Specimen Cutting Die
ASTM D624 – Type T Trouser Tear Specimen Cutting Die

Compliance Standards

ASTM D624

Applications

Type A, Type B And Type C

Specimen Cutting Dies for evaluating the tear strength of conventional vulcanized thermoset rubber and thermoplastic elastomers, as described in ASTM D624.

Type T

A sharpened metal tool to cut & prepare specimen of textile and coated fabrics.

Common Notes

1. No warranty is applicable in case of punch die as smooth & uninterrupted operation of dies depends on various other governing factors such as Proper Alignment of dies, Bottom Support, Technical skills of the operator etc.
2. This is purely visual and skill based work. Any random un-skilled operator can damage the die and EIE shall not be held responsible for the same.
3. Use of Saag Wood / Teak Wood as bottom support to withstand the actual force of press after the specimen has been cut is highly recommend. Die shall not be used without reliable Saag Wood / Teak Wood as bottom support.

Details

ASTM D624 – Type T

A rectangular specimen containing a slit. The force acts along the major axis, the direction of the slit, in a direction parallel to the length. This measures tear propagation and is widely used in the testing of textiles, coated fabrics, and similar materials.

Corporate Office:

A-1301, BVR Ek, Opp. Hotel Inder Residency,
Near Gujarat College, Ellisbridge,
Ahmedabad-380 006.
Phone : (079) 6621 1234
Website : www.eieinstruments.com

Calibration Laboratory:

Survey No. 1098, Nr. Mahakali Temple,
Opp. Primary School, Village Kubadthal,
Tal-Daskroi, Ahmedabad-382 433.
Phone: (079)-3520 8300
E-mail : info@eieinstruments.com

GST TIN No. : 24AABCE4018L1ZU
I.T. PAN No. : AABCE 4018L
IEC No. : 0813026598 Dt. 04/03/2014
CIN No. : U29199GJ2004PTC045078
TAN No. : AHME00572F



A Tear Die T die with an integral cutter for producing the slit.

Common Technical Specifications

Type A And Type B

Specification	Details
A	102 (4 Inches)
B	19 (0.75 inches)
C	19 (0.75 inches)
D	12.7 (0.5 inches)
E	25 (1.0 inches)
F	27 (1.061 inches)
G	28 (1.118 inches)
H	51 (2.0 inches)

Variant-Specific Technical Specifications

ASTM D624 – Type T

Specification	Details
Slit Length	40 ± 5 mm
Width Overall, Min	15 ± 1 mm
Length Overall, Min	150 mm
Cutter Depth	8 mm
Can Cut Samples At A Time	3-4 samples at a time
Standard Reference	ASTM D624

Corporate Office:

A-1301, BVR Ek, Opp. Hotel Inder Residency,
Near Gujarat College, Ellisbridge,
Ahmedabad-380 006.
Phone : (079) 6621 1234
Website : www.eieinstruments.com

Calibration Laboratory:

Survey No. 1098, Nr. Mahakali Temple,
Opp. Primary School, Village Kubadthal,
Tal-Daskroi, Ahmedabad-382 433.
Phone: (079)-3520 8300
E-mail : info@eieinstruments.com

GST TIN No. : 24AABCE4018L1ZU
I.T. PAN No. : AABCE 4018L
IEC No. : 0813026598 Dt. 04/03/2014
CIN No. : U29199GJ2004PTC045078
TAN No. : AHME00572F