

MOTORIZED NOTCHING CUTTER

22-05-03



Used in conjunction with the Model 43-02 Monitor Impact tester, the TMI Motorized Notching Cutter, Model 22-05-03 produces a notch in a test specimen for ASTM D 256 and ISO 180 according to the IZOD Standard. Charpy notches can also be made according to ASTM D 6110 and ISO 179.

It is noted in ASTM standards that it is extremely critical to produce an accurate cut and to measure the depth and contour of the notch before testing. Result data will be compromised due to poor sample preparation.

Model 22-05-03 Motorized Notching Cutter automates the specimen notching procedure to produce a repeatable and accurate cut every time. An easy to use thickness gage is included to verify the depth cut before testing.



NOTCH SPECIFICATIONS:

IZOD IMPACT

ASTM D256

Notch Dimensions:

Radius: 0.25 ± 0.05 mm 45°

Width remaining under notch: 10.16 ± 0.05 mm

IZOD IMPACT

ISO 180

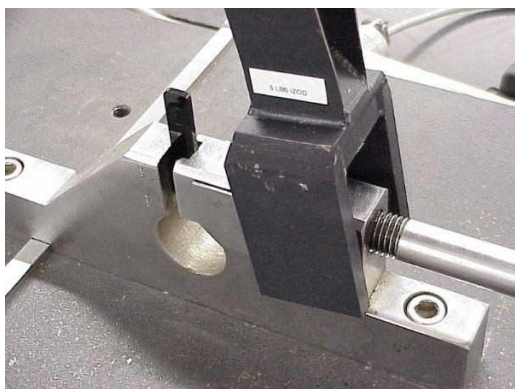
Notch Dimensions:

Radius: 0.25 ± 0.05 mm 45°

Width remaining under notch: 8 ± 0.2 mm

Izod Testing

A test specimen is clamped perpendicular into the impact test fixture with the notched side facing the striking edge of the pendulum. The pendulum strikes through the specimen.



CHARPY IMPACT

ASTM D 6110

Notch Dimensions:

Radius: 0.25 ± 0.05 mm

Width remaining under notch: 10.16 ± 0.05 mm

Charpy Testing

The specimen is mounted horizontally and supported unclamped at both ends. The pendulum is released and allowed to strike through the specimen.



Testing Machines Inc.
40 McCullough Drive
New Castle, DE 19720
Tel: (302) 613-5600
Fax: (302) 613-5619
Info@testingmachines.com

Büchel BV
t/a Messmer Büchel
Fokkerstrat 24, 3905 KV
Veenendaal, Netherlands
Tel: +33 (0)318 521500
Fax: +33 (0)318 5400358

**Lako Tool and
Manufacturing Inc.**
7400 Ponderosa Road
Perrysburg, Ohio 43552
Tel: (419) 662-5256
Fax: (419) 662-8225

Lawson Hemphill
1658 G A R Highway
Swansea, MA 02777
Tel: (508) 679-5364
Fax: (508) 679-5396
Information@
lawsonhemphill.com

Adamel Lhomargy SARL
Z.A. de l'Habitat,
Bâtiment 6
Route d'Ozoir, 77680
Roissy en Brie, France
Tel: +33 (0) 1 6440291
Fax: +33 (0) 1 64409211

TMI Canada
P.O. Box 203
Pointe-Claire Dorval
QC, H9R-4N9 CAN
Tel: (514) 426-5855
Fax: (514) 426-1557



www.testingmachines.com

www.lakotool.com

www.lawsonhemphill.com