

529 | Plastic Cutting Instrument Model DN



Cutter installation section

■ APPLICATION

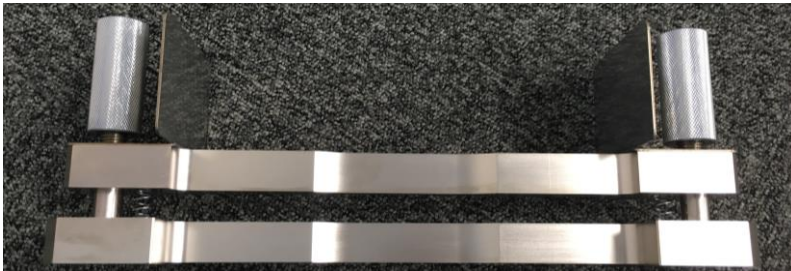
The Plastic Cutting Instrument model DN is used making test specimens of hard plastic materials by cutting and shaving process.

The method of cutting employed is the most accurate and very economical and the machine is being widely used for such applications.

Specimen is held in a holder of desired size and pushed against the rotating cutter.

The distance between the cutter and specimen is maintained by means of the guide in between the cutter and specimen and in this manner specimen is cut and finished to desired size.

Dumbbell holder



Cut the sample to the suitable size for the dumbbell holder and set it in the dumbbell holder. Once set, grasp the handle and press it against the plain cutter to adjust the sample to a shape that conforms to the mold.

■ SPECIFICATIONS

Model	DN
Purpose	● Making specimen for tensile test ● Making specimen for impact test
Plain cutter	Ø39mm
Cutter rpm	50Hz: Approx. 200 to 800rpm (Variable) 60Hz: Approx. 240 to 960rpm (Variable)
Cutter rotation direction	Counterclockwise
Motor	200W, with step-less transmission
Power supply	Single-phase, AC100V, 0.6kVA (Main unit) Single-phase, AC100V, 0.7kVA (Cleaner)
Dimensions	W750 x D450 x H940mm
Weight	115kg

■ OPTIONS

Name	Model	Description
Dumbbell holder	D-H	Note: Since the plain cutter diameter is 39 mm, the radius of the arc portion of the sample is larger than R19.5 mm.
Impact holder	D-I	
Tensile-impact holder	D-T	
Notching holder	D-N	
Multi-teeth V notch cutter, High speed tool steel	P/N: 7505270	45deg, R0.25 Number of blades: 26 pcs
Multi-teeth U notch cutter, High speed tool steel	P/N: 7505271	45deg, R1.0 Number of blades: 32 pcs.

Specifications are subject to change without notice.



TOYO SEIKI SEISAKU-SHO, LTD.

5-15-4, Takinogawa, Kita-ku, Tokyo 114-8557, Japan

Tel: +81-3-3916-8183 Fax: +81-3-3916-8173

www.toyoseiki.co.jp

20250116 MN (2010.03 JP)