



ADIS GAUGES & TOOLS MFG. CO.

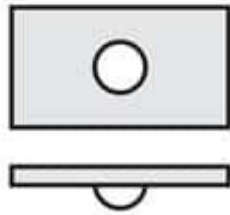
...Since 1978

Hardness Tester Selection

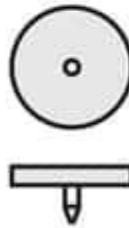


Indenter Type

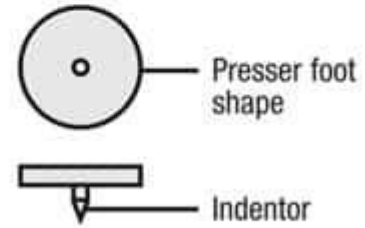
Shore E/Asker C
Hemispherical









Shore A
Flat Point



Shore D
Cone point



DUROMETER TYPES AND SPECIFICATIONS

DUROMETER TYPES	MODEL	ASTM TYPE	FORCE	INDENTER DESCRIPTION	INDENTER IMAGE	APPLICATION
E	SE E	ASTM D2240 DIN 53505	(8.046 N)	0.200" Spherical Diameter (5.08mm)		Type E Durometer test Hardness of Medium Density Textile Windings, Soft Rubber, Foamed Elastomers, Wound Threads, and Yarn Packages.
ASKER C	AC	(SRIS-0101) JIS K 7312 JIS S 6050	(8.379 N)	0.200" Spherical Diameter (5.08mm)		ASKER® C Durometer test Hardness of soft rubber, sponge and plastic foam, elastomers, and similar materials.
A	SA WPP SA B SA E	ASTM D2240 DIN 53505	(8.046 N)	Truncated Cone 35° Included Angle		Type A Durometer test Hardness of neoprene, EPDM rubber, polyurethane, printing rollers, silicone, white PVC and other similar materials.
B	SB E	ASTM D2240 DIN 53505	(8.046 N)	Conical 30° Included Angle		Type B Durometer test Hardness of skate wheels, printing plates, rubber, thermoplastic, and elastomers.
C	SC E	ASTM D2240 DIN 53505	(44.492 N)	Truncated Cone 35° Included Angle		Type C Durometer test Hardness of Medium Hard Rubber, Elastomers, and Thermoplastics.
D	SD B SD E	ASTM D2240 DIN 53505	(44.492 N)	Conical 30° Included Angle		Type D Durometer test Hardness of Pipeline Coating, Hard Rubber, Acrylic, Delrin, Kevlar, PVC, Nylon, Lexan and Epoxies.

NOTE:

Most of the above Durometer types have a flat circular base (presser foot) with a diameter of 18mm ± 0.5mm (0.71" ± 0.02") as per ASTM and DIN standards.