

Durometer **DESK**™ GERMANY

www.itokin2000.com



Shore: A



Shore: C



Shore: D



Shore: F

Special Features

- The spring loaded outer ring assures a constant measuring pressure and eliminates false readings due to difference between operators
- Working face slightly curved to fit on rollers
- Standard Features
- Easy to use
- High repeatability
- Application range 10-90 Shore A units
- Certificate of compliance with the order 2.1 according EN 10204 is included

Shore A

Specification

Indenter : Cone 35, 1.25mm

Depth of indentation : 0-2.5mm

Applications range : 10-90 Shore A units

Measuring spring force : 0.55-8.065N

Test pressure* : Approx. 12.5N

Display range : 0-100 Shore A units

Scale diameter : 55mm

Weight, net (gross) : Approx. 200g (300g)

Dimensions: 115x60x25mm (LxWxH)

Shore C

Specifications

Indenter : Tapered pin 35°, ø1.25mm

Depth of indentation : 0-2.5mm

Typical application : Hard rubber, rigid thermoplastic, resopal, hard plastic materials

Applications range : 10-90 Shore C units

Measuring spring force : 0.55-8.065N

Test pressure* : Approx. 12.5N

Display range : 0-100 Shore C units

Scale diameter : 55mm

Weight, net (gross) : Approx. 250g (350g)

Dimensions: 115x60x25mm (LxWxH)

02-9744354-6

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Durometer **DESK**™ GERMANY

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Shore: A



Shore: C



Shore: D



Shore: O

Special Features

- The spring loaded outer ring assures a constant measuring pressure and eliminates false readings due to difference between operators
- Working face slightly curved to fit on rollers
- Standard Features
- Easy to use
- High repeatability
- Application range 10-90 Shore A C D O units
- Certificate of compliance with the order 2.1 according EN 10204 is included

Shore D

Specifications

Indenter : Tapered pin 30°, ø1.25mm

Depth of indentation : 0-2.5mm

Typical application : Hard rubber, rigid thermoplastic, resopal, hard plastic materials

Applications range : 10-90 Shore D units

Measuring spring force : ...4.45-44.5N

Test pressure* : Approx. 50N

Display range : 0-100 Shore D units

Scale diameter : 55mm

Weight, net (gross) : Approx. 200g (300g)

Dimensions: 115x60x25mm (LxWxH)

Shore O

Specifications

- Tip dimension : SR 2.5 mm.

- Depth of indentation : 0 - 2.5 N

- Test Pressure approx : 12.5 N

- Measuring Spring Force : 0.55 - 8.065 N

- Display range : 0.100 Scale

- Scale diameter : 55 mm.

- Weight, net (Gross) : approx 230 g (350g)

- Dimensions : 26 x 62 x 115 mm (LxWxH)

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Shore: A



Shore: C



Shore: D



Shore: O

Special Features

Method of measurement

Shore F Durometer, like many other hardness tests, measures the depth of the foot. This depth is dependent on the hardness of material, its viscoelastic properties, the shape of the presser foot, and the duration of the test. Shore durometer allows for a measurement of the initial hardness, or the indentation hardness after a given period of time. The basic test requires applying the force in a consistent manner, without shock measuring the hardness (depth of the indentation). If a timed hardness is desired, force is applied for the required time and then read. The material under test should be a minimum of 25-30mm, if not reach 25mm, you should add two or three material together to reach 2.5mm. The material size under test should be a minimum of 100*100mm.



Shore: F

Shore F Specifications

Indenter: 25mm

Depth of indentation: 0-25 mm

Display range: 0-100 Scale

Scale diameter: 55mm

Weight: 500g

Dimensions: 26*80*115 mm (L x W x H)



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