

# REFERENCE ELASTOMER BLOCKS



Plane-parallel test specimens made from reference elastomers with various hardness levels, for the assessment of the indenter and the measuring path of your hardness measuring device.



The use of the reference elastomer blocks will ensure that the hardness tester can perform accurate measurements between the necessary calibration intervals. A comparative measurement undertaken on one of the calibrated elastomer test specimens offers information on the condition of the indenter and the measuring path of the hardness tester. If the test device will show the hardness of the reference elastomer accurately during the reference measurement, it will continue to work in a reliable manner.

The plane-parallel, metal-framed test specimens should lie flat on the test surface for accurate measurements. They are available for all Bareiss measuring devices, with different degrees of hardness, according to Shore, Asker, IRHD, Barcol or facility standard. We calibrate all reference elastomer blocks, and they can be used up to 60 times with the appropriate recalibration.

## MEASURING METHODS

Shore A	Shore 00
Shore A0	Shore 000
Shore AM	Shore 000S
Shore D	Shore E
Shore 0	Shore B
Shore C	Asker C
Shore D0	Asker CS
	Asker F

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EN

ASTM  
D531

ASTM  
D2240

ASTM  
D2583

DIN  
ISO  
48-2

DIN  
ISO  
48-2

DIN  
ISO  
48-4

DIN  
ISO  
48-8

DIN  
EN ISO  
868

DIN EN  
59

JIS K  
6253

JIS K  
7312

## MAIN CHARACTERISTICS




Verified quality with  
DAkks or facility calibration certificate



Single, set of 3 or 6

### TECHNICAL SPECIFICATIONS

 **Measurements** Metal frame  $\varnothing$  50 mm or  $\varnothing$  30 mm;  
depending on the measuring method

 **Weight** Set of 1: 0,1 kg  
Set of 3: 0,4 kg  
Set of 6: 0,6 kg

### SCOPE OF DELIVERY

Reference elastomer blocks in metal frame

Case with tolerance specification

DAkks calibration certificate

Operating manual.

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### ACCESSORIES

#### REFERENCE

To easily verify the measuring path of the handheld hardness testers HP, HPE III Basic and HPE III, we recommend using the practical metal control rings.

MADE IN GERMANY SINCE 1954.

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The accreditation is valid for the scope listed in certificate D-K-15206-01-00 (mechanical measurands in the range of hardness).